



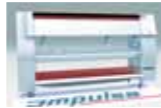















# HOMETEXTILE


















Edition E **2013**





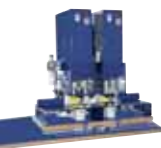





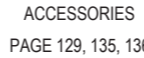




***impulsa***<sup>®</sup>

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## PRE- SHRINKING INSTALLATION WITH CONVEYOR



An ideal machine to shrink fabrics and tissues.  
 Transport rolls in front and back and a conveyor band, permeable, patented, providing an optimal steam penetration of the running fabric with steam.  
 Shrining by steaming.  
 Adjustable speed.  
 Please supply 400 V RC and to a steam generator/supply of 20-30 kg/h.

Art.No.: 30.016 DBSC	Width of steaming surface 160cm - space required 200 x 120 cm
Art.No.: 30.026 DBSC	Width of steaming surface 300cm - space required 340 x 120 cm
Art.No.: 30.026 BD	Shrinking and ironing machine in one - with steaming field in front and behind blowing or vacuum - 2 transport speeds.

## MIDICUT



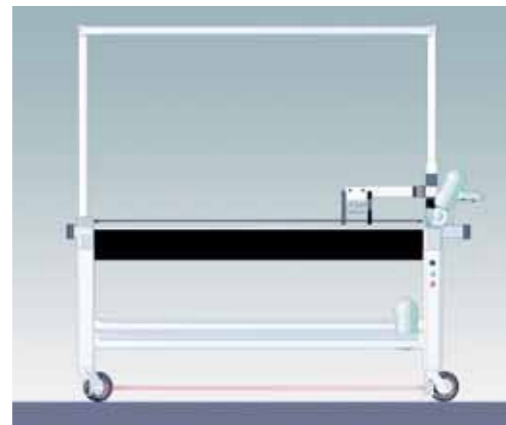
You may choose with cutting device

## FABRIC INSPECTION



For controlling mistakes,  
for controlling measures,  
for cutting ...

Mechanic measuring device,  
large illuminated error display,  
fabric roll will be put up at the back, transport forward,  
easy rolling to cardboard-roll at the front by synchronised wheels drive.  
Different sizes for every width of fabrics.  
Mobile, on rolls, with sharpening device,  
manual cutting device. 230 V AC.  
Required space: different sizes for all fabric widths and rolls.



Accessories :

- Electric operated round cutter
- 4-wheel-drive, synchronized instead of a pull-off dispenser at the back
- Laser beamer for projecting the cutting line.
- Electronic measuring device instead of a manual measuring wheel.
- connection to a printer.
- installation of barcode.
- light barrier for the transport



Basic equipment

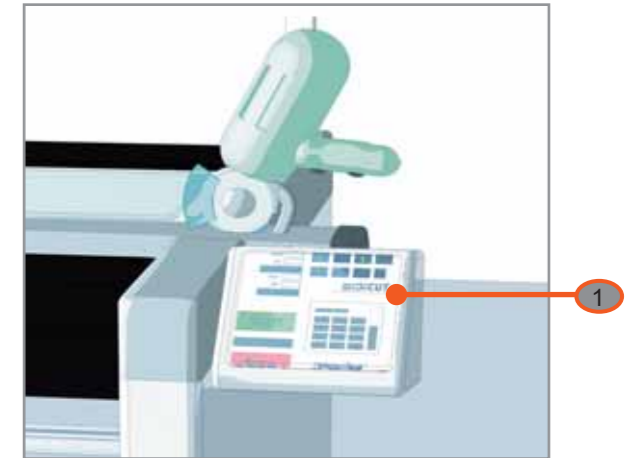
Pull-off dispenser + 2 wheel-drive



Special Equipment

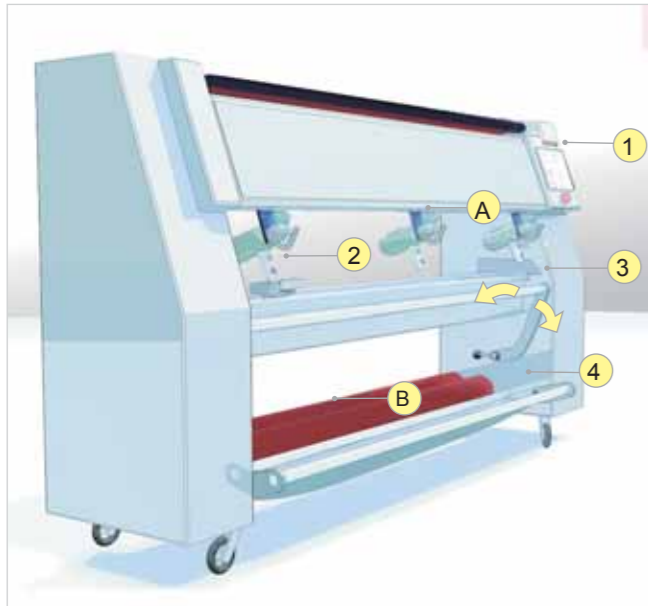
Synchronized 4 wheel-drive

Touch Screen - MIDICUT (1)  
Dito, but with electric measuring device by touch screen TFT - Display.



	EQUIPMENT	Art.No.:
	For fabric widths of 130 to 320 cm, cradle pull-off dispenser at the back, 2 front roles, 8-edged cutting blade, mechanical counter with display.	
MID 200	for panel width up to 200 cm	3.520.200
MID 320	for panel width up to 320 cm	3.520.320
MID 200E	dito, with electronic measuring device up to widths of 200 cm	3.520.200E
MID 320E	dito, with electronic measuring device up to widths of 320 cm	3.520.320E
Additional:	Light barrier to start the transport of the fabric - instead of a hanging pedal.	3.520.LS
	Additional synchronized 4-Wheel drive	3.520.4
	Projection the cutting line with a laserline	3.520.L
	Touch Screen + PC Technology	3.500.TC
	Microsoft - licence	388.425 MS





• THE FASTEST 2-DIMENSIONAL MACHINE FOR CUTTING

• MINIMAL SPACE OCCUPIED

Input on **(1) Touch Screen TFT - screen** is very easy - electronical measuring length

**Horizontal knife (2)** 200 mm, right + left cutting

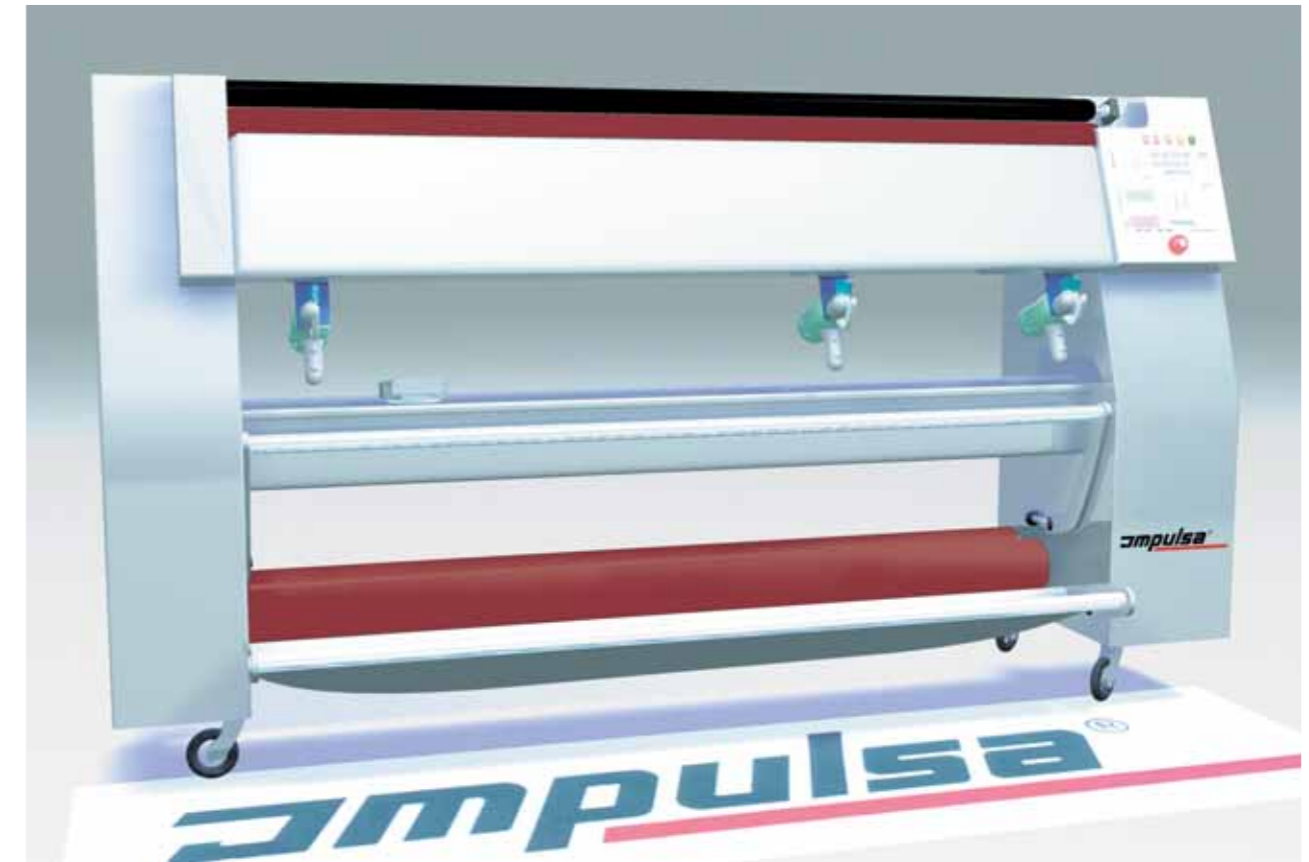
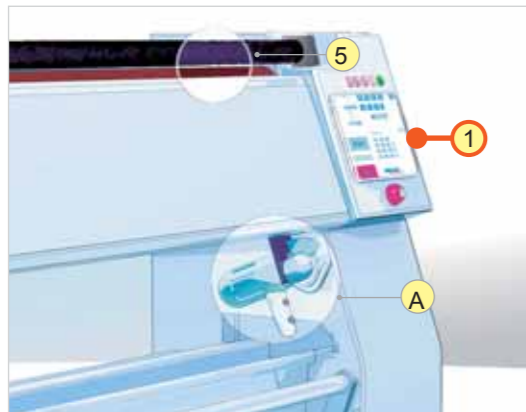
**Automatic, pneumatical clamp bar (3)** makes sure that the cut is exact.

**Cloth pouch (4)**

**Carrier roll beneath** with collecting roll above - soft start - high speed - soft stop

**AVAILABLE IF REQUESTED**

- (A) Vertical slicer 1-12 pieces
- (B) Pull-off roll propelled synchronised to the carrier roll (5) instead of a pull-off dispenser
- (C) ULTRASONIC cutting in X-direction - optional round knife / Ultrasonic



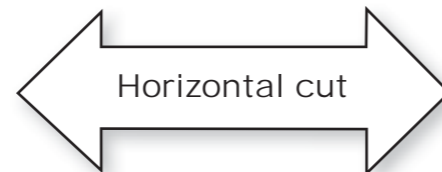
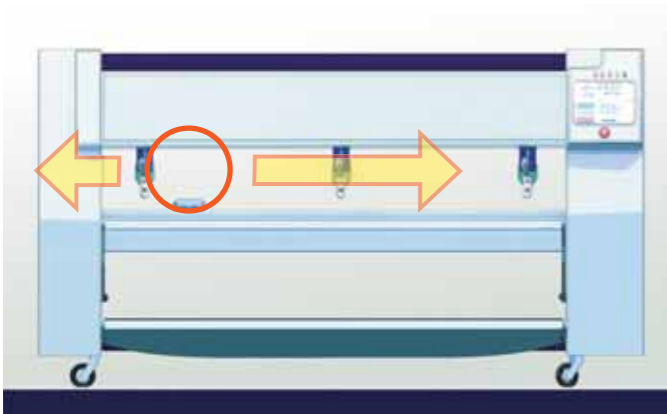
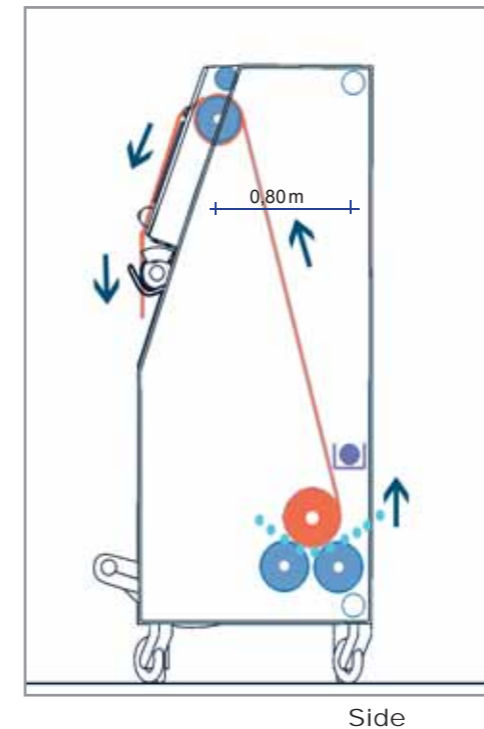
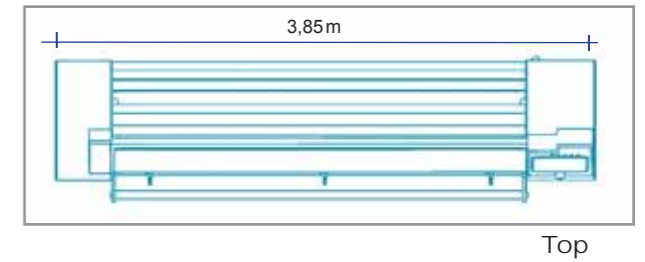
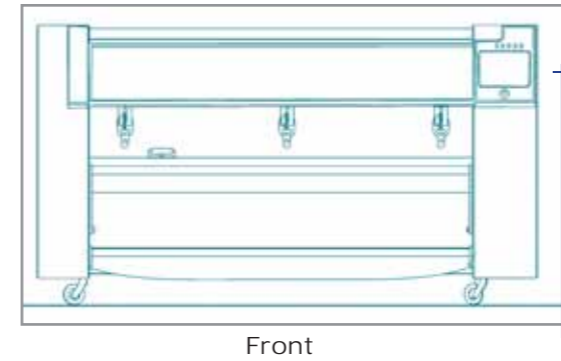
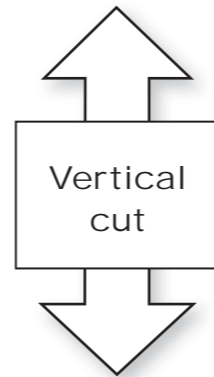
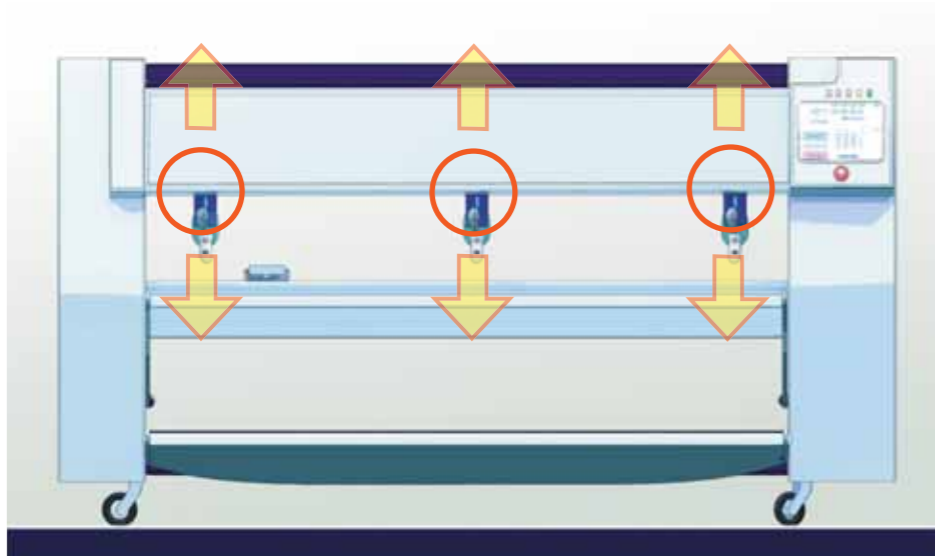
- Horizontal cutting device
- Adjustable vertical cutters
- 2-Dimensional cutting on minimum space.

# MOTOCUT

# CUTTING

# MOTOCUT

# CUTTING



MOTOCUT operational possibilities:  
 Technical textile products, bed linen, curtains,  
 home-made textiles, and more.

Motocut	Execution	Art.No .
	Motor driven inspection and cutting machine for panels with cutting in 2-dimensions x and y at the same time. 230 VAC - mobile, on wheels, cutting width 300 cm Pull-off bar for fabric rolls space required: W 385 , D 80 , H 175 cm. with the ball sitting on ballbearing seat and/or cradle.	3.500.3200
	dito cutting width 320 cm	3.500.3400
	dito cutting width 200 cm	3.500
Additional:	equipment to cut vertically - 2 cpl. vertical cutting machines	3.500.1
	additional vertical cutting machine - each Touch Screen + PC Technology Service-connect via Internet	3.500.2 3.500.TC 3.500.CHECK
	additional batches table	3.500.4
	Craddle 2 m ● Craddle 3,2 m ● Synchronized motordriven pull-off device ●	388.695.1995 388.695.3195 3.500.83200
	Laser projection of the cutting line Ultrasonic Cutter in x-direction	3.500.5 61.309
Spareparts:	Spare horizontal blade	61.304.2
	Spare vertical blade ø 100 mm Microsoft - License	61.303.22 388.425 MS
	Ultrasonic cutting system in the x-direction	61.306.500US

NEW !

CONCUT

NEW!

CONCUT

# CONCUT

## 2-Dimensional cutting conveyor table.

Optional with marking device.



- I. Left side with cradle and/or pole and dancing pole.
- II. Placing the fabrics aided by a laser light line - the fabric should be correctly meet the 1. laser line.



- III. moving the fabric on the conveyor to the right meeting the 2nd laser line to get cut.  
= cutting line.



- IV. Now you choose manual for cutting the patterns and/or automatic for cutting the panels



- VI. Marking is also possible in Y- direction - you may order with 1-10 marking devices with ultra-violett ink - adjustable dissolving itself.



- V. On request with Y- cutters right and left - to cut selvages in the same operation!



# Table for cutting on a conveyor belt

# ...FEEDING DEVICES

## The cutter

### Cutting on the conveyor belt

**Fast – efficient. Even for fabrics with patten.**

Intended for cutting of fabrics with pattens in a semiautomatic program – also for cutting of uniwares with an automatic program.

How is the cloth let in?

There are 4 options according to the customers request

- a simple pole on a ballbearing seat for a cloth roll
- roll off a cradlebasket
- dancing balancer for rolls up to 20 cm diameter.
- dancing balancer for rolls up to 60 cm diameter complete with edge control and drive
- via dancing balancer, the fabric will be placed almost tensionfree to the conveyor belt.

A first laserline helps to place and adjust the fabric by bringing the first time from the cradle to the belt.

Then the fabric will be transported manual by push button on the Touch Screen to meet the 2nd laserline which is equal with the cutting line –

Consider the rapport - you choose semiautomatic modus for cutting the „rapport“ by pushing of a button. Then the machine drives automatically to the adjusted length dimension of the curtain to the next step –

For fabrics without „rapport“ you only choose automatic modus for cutting curtain panel by curtain panel according the entered measure - fully automatically.

### Cutter YD – weaving edges cutting

By request there are 2 adjustable cutters in the Y-direction for cutting the weaving edges at the same time – in the same workstep without additional expenses.

Art. 5.2500.YC

### Cutter 3M – Marking devices

on request for the simultaneous marking of lines etc.

Art.Nr. 5.2500.M

Art.No.:	Accomplishment
5.2500.C	Cutter-CONCUT width 200/181 cm – length 350 cm compl. with cutter- conveyer belt special. Touch screen handling by TFT – Ind. PC – automatic longitudinal measuring device and quantity input full automatic -
5.2500.C3	XC reversed cuttinghead –sharpening attachment for forward and backward – 2 laserlines - 230 V AC. ditto cutting width 300 cm.
5.2500.CL	extra length in m
5.2500.YC	additional cutting head in longitudinal direction e. g. for selvedges cutting
5.2500.M	marking device adjustable
3.500.CHECK	Service-connect via internet
388.425 MS	Microsoft-license
6.2631	Spare blade round

Feeding devices see page 17

Art.No.: 388.620	Pole on a ballbearing seat. up to 2 m up to 3 m
Art.No.: 388.611.30	



Art.No.: 388.623.20	Cradle one side open with adjustable loading gauge. up to 2 m up to 3 m
Art.No.: 388.623.30	



Art.No.: 388.622.20	Roll off dancing balancer for fabric rolls up to 30 cm Ø - 2 m width cpl. with edge control.
Art.No.: 388.622.30	

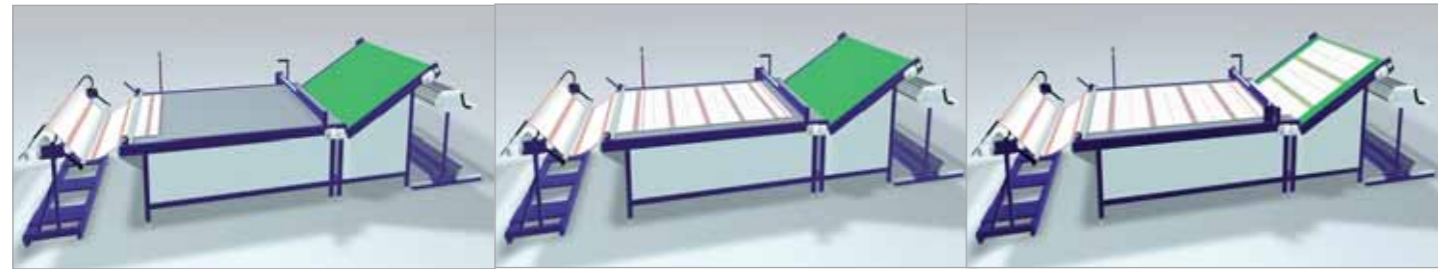


Art.No.: 388.625.20	Roll off dancing balancer for heavy fabrics rolls upto 60cm Ø and 2 m width cpl. with edge control.
Art.No.: 388.625.30	



# CONCUT - WITH STAPELING DEVICE ON TROLLEYS

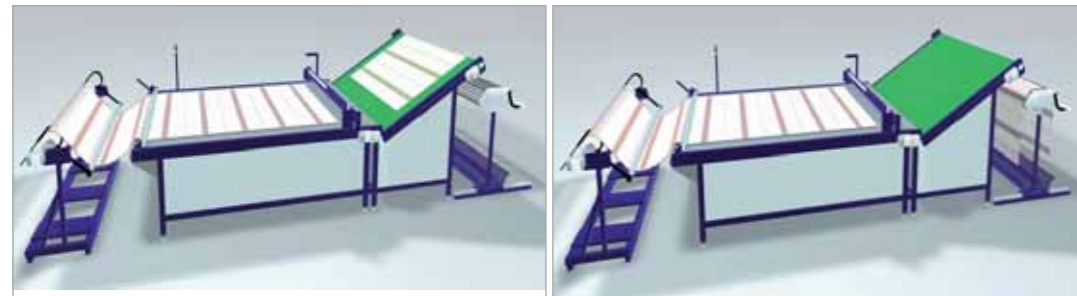
# LASER CUTTING - MARKING - BLADE CUTTING - ALL IN ONE



A

B

C



D

E

A)	Aligning of the fabric with the first laser line projection.
B)	Carrying the fabric to the 2nd laser line to determinate the patten.
C)	The length is programmed - for example 2500mm. The machine drives automatically to 2500mm and does cut.
D)	Now you may search the patten by manuall drive and you may transport as long as the cutting line will be under the laser line - now just press the button to cut.
E)	The cutted cloth lifts up on the conveyer belt and be stacked on the trolley. The A belt drives again 2500mm and cut the next curtain, this repeats frequently.
F)	Fabrics without patten are running in automatic mode after input of length and quantity.



PERFECT LASER CUTTING DIAGONAL 1 MM EXACTLY! - WHO'S MORE?

## LASER WITH CUTTING PLOTTER OR LASER ALONE.

### Main features:

- Max effective cutting width of materials from 120 to 350 cm.
- Max effective cutting length of materials from 3,5 to 20 m.
- Worktable height: 90 cm.
- Dynamic horizontal storage space for storing up to 50 rolls under the machine or even more behind with search function.
- Automatic system for the continuous feed and discharge of materials, without operator.

### Cutting:

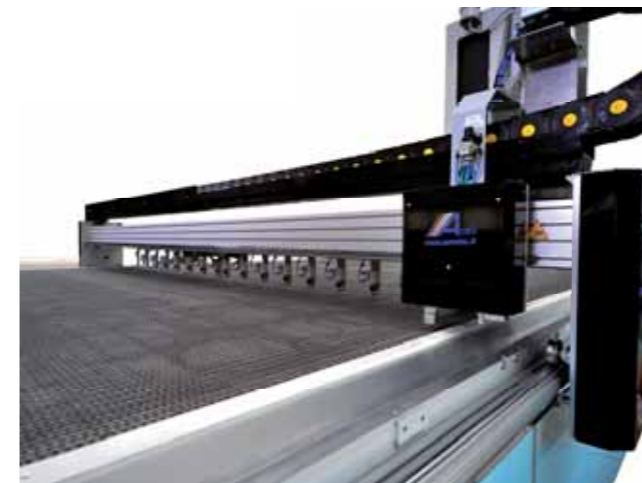
interpolated axes cutting by blade or laser.

- Marking: by pen, ink-jet, laser.
- Integrated PC station for calculating the materials, managing the rolls, storing the production types, network connection, CAD for generating the cutting templates, optimization of the material cutting.

- „Exactor“ exclusive viewing system with video-camera for cutting of the template with optimal centering with the design on the material
- Bar code reader
- Remote service support via internet
- with pulling system for the fabric supply and laser cutting - optional blade cutting and optional marking device or
- with conveyor system only with laser and optional marking
- very precise cutting as well as fast.
- 1mm in diagonal!
- no yellow edges - perfect closed edges.
- unique device to cut along designs like lines for example progressing the cut with the mouse on the screen instead of timecosting ranging of the fabric.
- New! Scanhead cutting for cutting small holes a.o.



Pic. 4



Pic. 5

### Impressive cutting results:

- white is white.
- brown edges belongs to the competition.
- optimized cooling system from the below provided by a „honey-comb grid“.
- optimized cooling from the top.
- experience of more than 15 years in building of laser-machines for high-sophisticated cutting results.
- perfect vacuum system to fix the materials - there before we offer precise cutting results <1mm diagonal.

### Pulling of the material on the cutter

as shown left - the material will be pulled automatically by clamps from the roll - by an ingenious design see Pic. 4.

### CONVEYOR

optional we may deliver the machines also with a conveyor - made especially out of the „honey-comb grid“ stainless steel material. - this offers when cutting for example parts bigger than the machine - new so far undreamt of possibilities with the special tool „DPS“.

Our technical adviser may come and inform you accordingly.





In series we deliver a winder/unwinder free running similar picture Pos.1+3.

Special features:

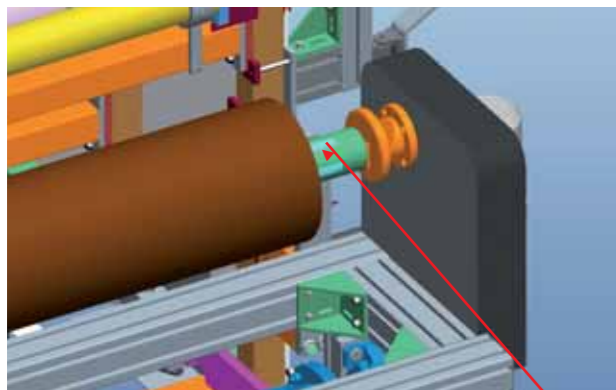
Pic.1 shows a winder/unwinder with driven wheels and/or centering system. The winder can be driven in and out with an easy to operate pneumatic docking station.

Pic. 2 shows a synchronised driven bar with air-expandable clamp from inside.

Pic. 3 shows a bar with cones on driven rollers right / left.

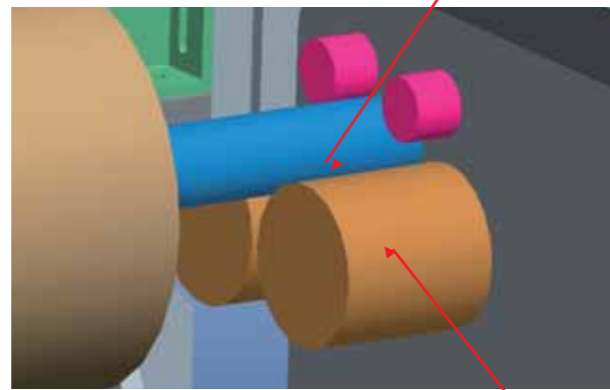
The same pic shows also the system with free running bar.

Pic. 1



Pic. 2

Air expandable inside pressure bar - Synchronised driven.



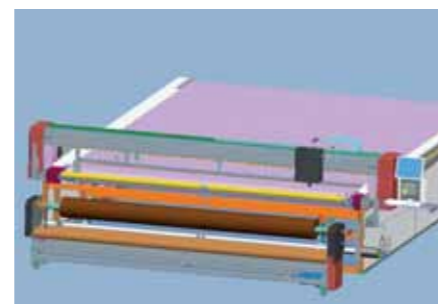
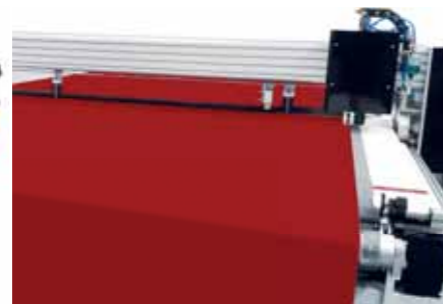
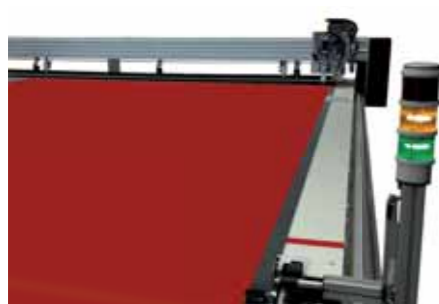
Pic. 3

Synchronised driven bar

Art.No.:	Equipment:
6.LR50.20x30	Laser machine 200 x 300 cm with vacuum device, fixed table
6.LR50.25x30	Laser machine 250 x 300 cm with vacuum device, fixed table
6.LR50.35x40	Laser machine 350 x 400 cm with vacuum device, fixed table
6.LR50.35x60	Laser machine 350 x 600 cm with vacuum device, fixed table
6.LR50.50x50	Laser machine 500 x 500 cm with vacuum device, conveyor machine
6.LR50.UNW35	unwinder standard with pendulum system - old standard
6.LR50.-AT	unwinder with pendulum system but double possibility motorized pneumatic/and unwinding with 2 motorized rolls.
6.LR50.UNW35.2	unwinder system with pendulum system, but single movement with 2 motorized alu roller
6.LR50.UNW35.4	cradle on rolls from IMPULSA instead
6.LR50.UNW50	unwinder, 5 m included in the 5 m machine
6.LR50-CON	Conveyor belt instead of pulling device (only with laser and marking)
6.LR50-CUT	rotating knife system additional
6.LR50.CEN35	Device for central positioning of the fabric dispense
6.LR50.1M>>	Additional length each m on a 3,5 m wide machine
6.LR50.2M>>	Additional length each 2 m on a 3,5 m wide machine
<b>Accessories:</b>	
6.LR50.200W	Laserpower 200 W instead of 100 W
6.LR50.DP.SP	Projector with green light
6.LR50.DP.SP.R	Projector with red light
6.LR50.003	Radio Command for projector instead of regular mouse
6.LR50.DP.SP1	Software to manage projection for a line not cutted
6.LR50-DPS12	Software to manage projection and cut of a profile bigger then the table
6.LR50-DPS13	Software to manage special xml file with special cycle
6.LR50.SCAN1	Scan Head, prepare
6.LR50.SCAN	Scan Head
6.LR50.RE	Air blowing tool to clean the scrab from the table with special cycle to run the machine incl. test
6.LR50.SW.0	SW to manage parametric pictures - cutting optimisation nesting - CAD.
6.LR50-BARC	Barcode Software with fixed fields to be read to improve productivity moving from a barcode reading directly to the execution of the cutting order, this means a added more simple cad plus functions directly realized - all the modification must be quoted extra
6.LR50-CAM-0	Videocamera with Zero Point and joystick to see in the screen directly the red pointer position
6.LR50-PEN	Marking device
6.LR50-INK	Marking device, Ink jet technology
6.LR50-INK1	Marking device, Ink jet technology for pigmented ink at filter industry with double pump
6.LR50-EDV	Software for job processing
6.LR50.ABRÄUM	unwind unit for Cutter
6.LR50.AUFF	suspension device for footpedal
6.LR50.AUFR	Winder at the End
6.LR50.PB	beam over the entire width
6.LR50.INST	Setup und Installation for a 8 hour day -
6.LR50.INST1	Setup und Installation for a 8 hour day - for sat/sun or overtime

# R50 - XY CUTTER

# R50 - XY CUTTER



This is a machine cutting on a conveyor like CONCUR but in X-Y-direction like the laser before - you cut with very high speed and high precision assisted by a vacuum system under the conveyor. Similar software like the LR 50 with remote service report via internet. Cutting: interpolated axes cutting by means of blade. Automatic system for the continuous feed and discharge of materials, without operator.

- Additional:
- You may choose a marking device by pen or ink as an accessory as well.
  - self centering system to supply the fabric on the machine.
  - Dynamic horizontal storage space for storing up to 50 rolls under the machine or even more with automatic search function.
  - Max effective cutting width of materials: from 120 to 350 cm
  - Max effective cutting length of materials: from 3,5 to 20 meters
- Work-table height: 90 cm

<b>Art.-Nr. 6.R50.35x40</b>	Conveyor design
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<b>Art.-Nr. 6.R50.60x70F</b>	600x700 cm - fixed table
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# ROLL-SLITTING MACHINE TEX SLIT



**SPECIFICATIONS:**  
 Execution: semi-automatic, with manual feed  
 Working width: 1600 mm - optional up to 3200 mm  
 Material diameter: 300 mm (optional up to 600 mm,  
 Meter diameter 380 mm  
 Diameter goods carrier wave:  
 Material and equipment depends  
 Speed control: the role - 2 levels,  
 District knife - infinitely  
 Knives feed - manually  
 Cut each time required about 35 sec  
 Packing dimensions: 280x100x160 cm  
 Gross Weight / Net Weight: 860 kg / 700 kg

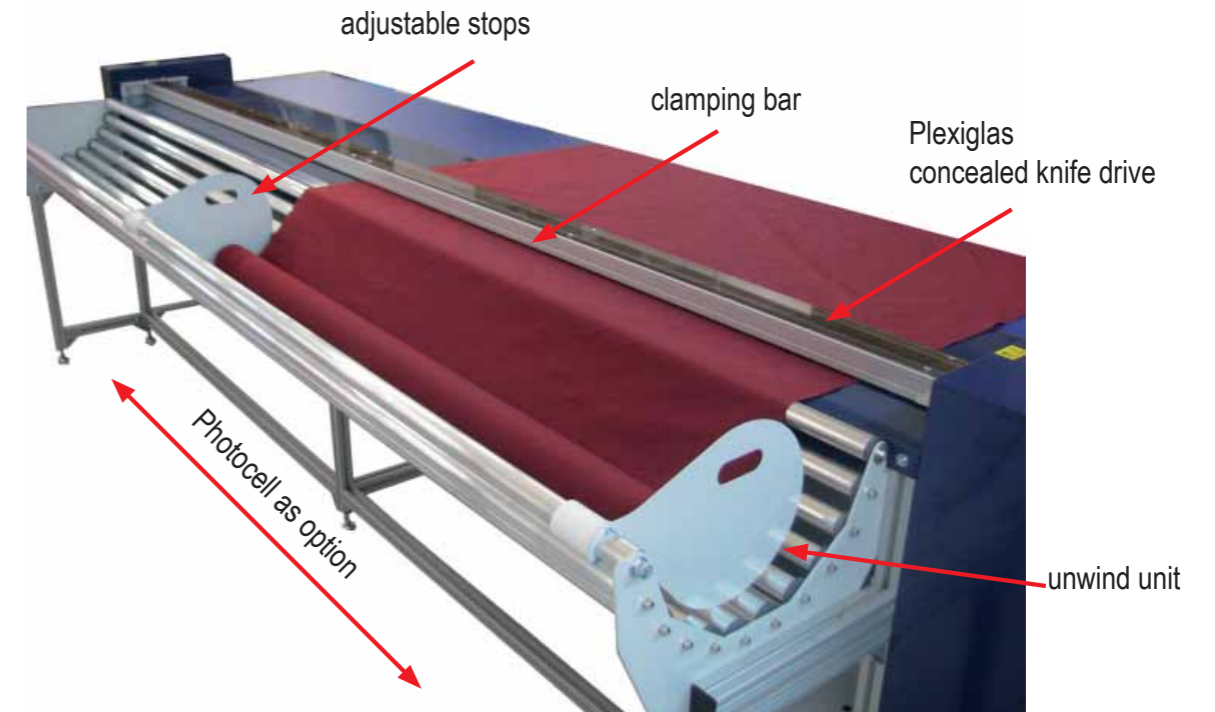
Power supply: 240 / 400 V, 50 Hz three-phase

The robust cutter of the ball Aggregates and feed the side of cutting done to cut manually. The average width may be required by the rapid adjustment system with precise scale and easily be set.  
 The cutting resistance can be an infinitely adjustable weight largely neutralize.  
 The cutting tool is limited by the linear ball-bearing accurate and easy adjustable. The gear motor for the goods carrier wave for two speeds can be adjusted by the electronic control system (additional equipment) can be the speed for a good cut quality infinitely regulate.

**Art.Nr.: 6.STV 1800**

# MULTICUT

# CUTTING WITH MANY OPTIONS



### Options:

MULTICUT -ROUND KNIFE CUTTING MCHINE  
 MULTICUT - ULTRASONIC - CUTTING MACHINE -  
 MULTICUT - TWIN - OPTIONAL BOTH CUTTING PROCESES  
 As you can see, the „Multicut“ is available in many spezial forms, tailored to your needs.  
 As “Midicut” with optical fabric control device + cutting device (choose from rotation knife or ultrasonic).  
 With 2 roll- or 4-roll movement, manual or electronic or with PC control + barcode. Available in all sizes.

„Multicut“ with integrated rotation knife (instead of upside knife at the Midicut) or with ultrasonic cutting device.

- Laserline for exact positioning of the cut
- measuring device
- with clamping device from above, if wanted
- fabricpouch if wanted
- rollmatic if wanted.

# MULTICUT FRONT MOUNTAIN UNIT ULTRA SONIC



There is a suitable cutting table in all sizes - made to measure on customer's request. There is a pull-off dispenser on the left side. The fabric will be transported on the table. It has a guide rail with a measuring tape on the front – the clamping takes place pneumatic on the left and on the right side of the cutting line. The ultrasonic cutting device runs at the bottom and guarantees a perfect cut. On request the machine can be delivered with a conveyor belt or with an additional round knife-cutting device. Gladly, we make you an offer to your measure!

The module fits suite to any existing table.

EQUIPMENT	Art.No.:
Ultrasonic cutting 300/320 cm with cradle, airoperrated clampbeam, motorised driven Ultrasoniccuttinghead, 230 V AC	3.530.3
Linear cutting system: with roundknife - inkl. cutter and special holder - 3 m.	3.530.3 RM
ditto with add. roundbladecutter motorised driven, alternativ to the ultrasonic system to use - 2 machines in one!	3.530.3 TWIN
Cuttingsystem: Crush-Cut - 310 cm other lengths avaiable	6.M.FC CC310
ditto in 500/520 cm - Ultrasonic	3.530.5
ditto in 500/520 cm Ultrasonic + roundknife	3.530.5TWIN

EQUIPMENT (optional)	Art.No.:
Laserlini shows the cutting line	3.500.5
Sensor for aut. return	6M.FCRFE
Extension of the guidance each 10cm	6M.FC VFS100
Cutting table 3200 x 3500 mm	6M.ST320350
Cutting table per sqm	see P. 29

# CRADDLES FOR CUTTING TABLES



## CUTTING TABLE - MULTILAYED AND DOUBLE COATED

Stable frame, height 90 cm, multilayer board, available in all lengths and widths, each sqm.

Art.No.: 601.300	Standard grey-beige
Art.No.: 601.300 B	dark blue - extremely smooth
Art.No.: 601.300 F	charge for mobile version
Art.No.: 601.300.1	Partition possible / sqm

## CRADLE

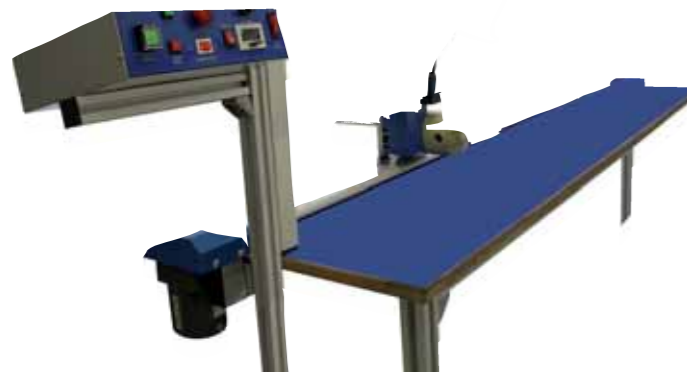
The perfect equipment for the studio is the **PULL-OFF DISPENSER**.

The fabric roll can easily be removed and placed right-angled to the edge of the cutting-table by one person. Adjustable for rolls of cloths up to 35 cm Ø Suitable for every cutting-to-size-table, height is adjustable. Suitable for every table! Do not hesitate to ask for any size.



Art.No: 388.623.20	width: up to 2 m
Art.No: 388.623	dito, mobile on rolls
Art.No: 388.623.330	width: 3,30 m
Art.No: 388.623.3	dito, mobile on rolls

# END CUTTER



Delivery of table see page before.

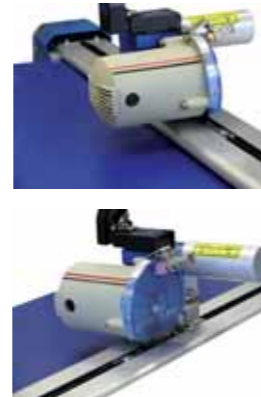
Fast cutting with a simple technology. The rails are available in all lengths up to 330 cm and can be easily mounted on each workbench - also available from us see page before. The cutting machine does have a large blade D=110 mm! and a high speed of up to 3000 T/min. So this machine will cut almost all materials perfectly and quickly with low sharpening cycles.

Optional with counting and aut. return device. The cutting operation will be started by a touch button.

Art.No.: 6.1207-220

On request we may deliver the endcutter also with a lifting device to staple the fabric layers after cutting.

Art.Nr.: 6.1207-220 AL



Art. No.:	Equipment
61.3220 M	Automatic End cutter with rail up to 220 cm cpl.
61.3360 M	Automatic End cutter with rail up to 320 cm cpl.
6.2631	Spare-blade

## ENDCUTTER

Cutting machine (1) with big knife  $\varnothing$  110 mm, cpl. with rail 2,15 m. Advantage: the knife is in the idle state to save space. **230 V AC.**

# TAPE CUTTING MACHINE



## TECHNICAL DATAS:

Cutting length : 1 mm - 300 meter  
 Size: 510 mm x 690 mm x 940 mm  
 Max cutting width: 150 mm  
 (on request 210 mm)  
 Cutting speed (bei L: 1 m): 13-21 sections  
 Power: AC 220 V 50/60 HZ.  
 Input datas for lengths and width and start.

Art.No.: 6.CUTBC520L



## TURNING MACHINE

An ideal working device for the turning of holders, loops, ribbons and bels up to a length of 150 cm. 2 turning bodies are delivered in quantity for textile components of a width of 35 - 80 mm. No electricity connection necessary, only compressed air from the smallest available compressor - therefore very economical. Time advantage: all parts are turned in ca. 2-3 seconds.

Art.No.: 30.201





# CUTTING ACCESSORIES

# CUTTING

# CUTTING MACHINES

# CUTTING



1



2



3



4



5



6



7



8



9

**TAILOR'S CHALK (1) VE 100**

Art.No.: 6.B 2370	white
Art.No.: 6.B 2370B	blue

**CHALK SHARPENER - SPITZFIX (2)**

Art.No.: 6.B 2368	chalk sharpener
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**FABRIC CLAMP (3)**

Art.No.: 6.50.224	6 cm fabric champ
Art.No.: 6.50.228	12 cm fabric champ

**PIN-CUSHION (4)**

Art.No.: 6.2323	with arm buckle
Art.No.: 6.B 2323	with suction apparatus

**PINS 30 mm MS nickle-plated (5)**

Art.No.: 681.124	coloured	VE 1000
Art.No.: 681.123	Normal	VE 1000

**WOODEN SCALE (6)**

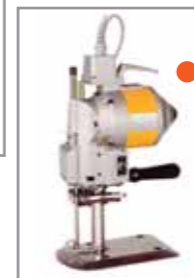
Art.No.: 6.B 2361	wood coloured
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**MEASURING TAPE (7) self sealing**  
Suitable for our cutting-to -size-tables and other ranges of plication.

Art.No.: 388.521.LR	1 m
Art.No.: 688.520 RL	3 m
Art.No.: 688.520 LR	5 m

**TAILOR'S MEASURING TAPE (8)**  
**TAPE MEASURE (9)**

Art.No.: 6.B 2363	2 m
Art.No.: 381.520	3 m with window magnifier



1



2



3

STORAGE-BATTERY SICCORS with battery charger  
A useful auxiliary for the blank, small and practical

Art.No.: 61.296	storage-battery cutter with battery charger
Art.No.: 61.296.01	Replacement cutting head

ELECTRONIC PORTABLE CUTTER  
Height of cut 8 mm - 50 mm, bow cutter, 220-240 V AC, weight: 850 gr

Art.No.: 689.301	knife-cutter
Art.No.: 689.301.2	spare knife

CIRCULAR KNIFE-CUTTER  
with pedestal, extra large in diameter

Art.No.: 689.303	knife-cutter
Art.No.: 61.303.2	spare knife 8K
Art.No.: 61.303.22	circular knife

PINION-TYPECUTTER-VERTICAL  
for materials thin to heavy

Art.No.: 6.KSV 900.5	
----------------------	--

High quality siccors made in Solingen:  
Pocket siccors (1) with similar eyes, bright luster nickel-plated, the inner side of the siccors blaе is smoothly polished.

Art.No.: 689.206.13	10 cm
---------------------	-------

Cut-to-size-siccors: (2)

Art.No.: 689.519.18	18 cm
Art.No.: 689.502.23	23 cm
Art.No.: 689.1053/CR/	26 cm gezahnt
Art.No.: 689.1053/CR	30 cm

For left-handers:(3)

Art.No.: 689.1012 E7	18 cm
Art.No.: 689.1040 C10L	27 cm

# ULTRASONIC CUTTING MACHINE

**Especially good cutting edges on blinds, awnings and panel curtains.**

Save sewing - cut very clean and need synthetic fabrics and materials with ultrasonic !

- Ultrasonic manual cutting machine on a rollfoot for cutting along a bar or freehand cutting of curves and forms.
- With this equipment you may easily cut and seal the fabric edges in a professional way - clean and need.
- no more fraying
- low power consumption - easy single phase 230V AC connection - cool cutting head compared to the „hotseal“ cutting machines.
- no scorch marks - no colourchanging - no toxic smoke.
- no heating up time - no dust or dirt.
- Just press the touch button on the handle and slide easily through the materials - perfect.



# ULTRASONIC MANUAL CUTTING MACHINE

## Continuous clean and sealed edges

Ready to use for manual operations or to install in automatic cutting machines like Flexicut or others. Integrated cooling system by converter. Easy to adjust. „High-End“-hardened sonotrode.

## Easy

Our Ultrasonic machines are made to operate easily. Just plug in the 230V AC socket and start. It is not necessary to program the unit - all does work automatically.

## Fast

No need to heat up or to cool down - the unit is always ready to go - without losing time.

## Stable

We use only highgrade components, which we get from worldwide suppliers assembled to a highgrade and long-lasting Ultra Sonic Cutting Machine.



- Technical Datas:
- 400 Watt
  - 40 kHz
  - 230 V AC.
  - High tension input filter
  - Low tension front panel
  - Output signal display
  - Transporhandle optional
  - Lifter optional
  - cooling device
  - Dimension: 180x350x240mm
  - CE
  - WEEE konform
  - Totally assembled with lead free soldering.



Art.No.: 6.U5400.01

Sonotrodes

Art.No.: 6.U5400.02

Art.No.:	EQUIPMENT
6.US 400T	ULTRASONIC CUTTING MACHINE AS DESCRIBED ABOVE cpl. with generator and cablepackage until 6m - 230 V AC
6.US 400 THST	ULTRASONIC FREE HAND MACHINE WITHOUT ROLLFOOT cpl. with generator and cablepackage until 6m - 230 V AC.
681.US 400.01	Sonotrode CUT 1
681.US 400.02	Sonotrode CUT 2
6.US 400 PS	Pistol for spot welding (w/o generator)
30.800.5	Levitation device with a spring rod and lever hoists
6.US 400 TC	Combo Kit - Generator with both - 2 handmachines.



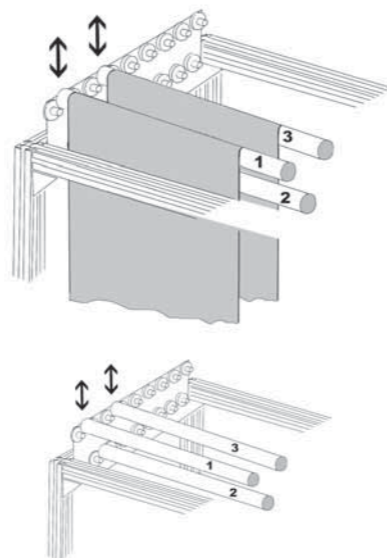
# TROLLEYS



DEKO TROLLEY

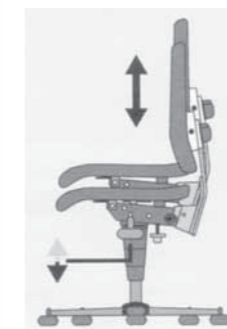
Art.No.: 388.624 150 x 50 x 150 cm

The carrier contains 15 light metal bars which protect the fabric against creasing.  
 The poles are easy to handle and to fix.  
 The trolley is made to store the fabrics after cutting and the trolley does run from sewing machine to sewing machine, to the ironing, to the high cut machine....  
 Four easy running wheels with brakes are standard.



# CHAIRS MULTIFLEXIBLE AND ERGONOMIC

## SITTING CHAIRS MULTIFLEX



HEALTHY SITTING !

Only who is sitting comfortably is in the position to work at his best!

This upholstered sewing chair is individual adjustable in all directions. Sustainable amounts of production ensure the favourable result.

Art.No.: 6.9714



### Main features:

- always changing colors do need always changing the color of the thread.
- to avoid the mass on or around the machines or to create a time consuming searching of the right thread - we developed a new „yarncenter“ which can be easily added to any new and to any existing sewing machine with table and stand.

Art.No.: 5.100.25

- you may have 25 threads on display
- you may have upto 50 bobbins easy to take.
- you may add your existing threadstand and a display on it.
- you may save a lot of time !
- Just buy it now!

**impulsa®**



### SEWING LAMP - HALOGEN- LARGE BEAMER

Bright, dazzled light, adjustable.  
Lamp bracket, dust- and sprayproofed device, locked by screws, revolver foot.  
20 W, 12 V two-pin halogen lamp.

Art.No.: 6.7125000359



### SEWING LAMP \*COLD LIGHT\*NEW\*

Bright, intesive light for sewing, illuminating without shadows and without causing thermal stress or blinding the eyes. Most shining brightness in the middle, diminishing outwardly. Mounting set with fixation. 5 W

Art.No.: 6.71.250004

magnetic. rectangle



SEWING LAMP - 90% Energy saving!  
Safe yow money with the new sawing lamps with dioldes ( only 1 W).

Art.No.: 6.71-250002

**impulsa®**

**I To sew webs of cloth together**

This has to be done by 2-needle 5-thread machine with additional safety seam. With this universal machine you can also work as 1-needle 3-thread machine - overlocking/overlocking - with special component set - stitching on lead ball-band - with special component set - working down-hemming. The component sets are changeable within seconds. As an alternative there is the 2-needle 4-thread machine producing a perfect elastic seam while sewing webs of cloth together and also overlocking is possible with this machine.

6.2N4F...  
6.2N5F...

**II Overlocking/overedging**

This is possible with all machines on page 22 and 23.

**II Overlocking**

6.1N3F  
6.2N4F  
6.2N5F

**III Down hemming - narrow edge seaming**

The sewing arm can be changed within seconds and is a perfect completion.

**III**

6.1N3F+RSTS  
6.2N4F+RSTS  
6.2N5F+RSTS

**IV Sewing on lead ball band**

The lead ball band component set can be used with the 1-needle 3-thread, 2-needle 4-thread machine or the 2-needle 5-thread machine - the pull-off and feeding device will also be delivered.

**IV Sewing on lead ball band**

6.2N5F+BBTS  
6.2N4F+BBTS  
6.1N3F+BBTS

**V Curtain weights bind and attach-specialmachine wich is not convertable.**

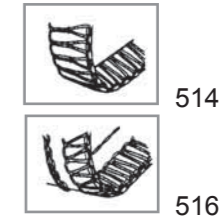
With the additional binding adjustment the curtain weights can be bound and hemed. Contrary to the models 1-4 this machine can only be used for the application area bounding and stitching.

**V cover the leadball and sewing**

6.2N5F+BBEFTS



- 1 • Cover plate combined with side panels which can be opened together
- 2 • Easy-to-handle pressure feed with lever
- 3 • Adjustable draw-in set screw



230 V AC, compl. with engine, frame and table in a fully sunken ergonomic design.



Narrow edge seam - rolled hem gauge parts  
cpl. with arm, presser foot and needle plate easy to change, therewith you overedge up to 2 mm small edges (or wider) and you can achieve the request for finest processing.  
Curtain weights gauge parts  
Complete with arm and special presser foot, curtain weights guide and curtain weights roller bar.

Art.No.: 6.1N3F.M7	230 V AC 1-needle-3thread
Art.No.: 6.2N5F.M7	230 V AC 2 needle-5 thread 3x5
Art.No.: 6.1831.B2780	Needle min. 10 in a box

Surcharge frame mobile with brake	
Art.No.: 6.RSTSPM735	narrow edge seam component set
Art.No.: 6.RSTSPM724	narrow edge seam component set
Art.No.: 6.BBTS3X5PM7	lead balls component set
Art.No.: 6.BBTS2X4PM7	lead balls component set

All easy to change:



Leadballseam



Narrowedgeseam





# CHAINSTITCH

# SEWING

# CHAINSTITCH - OVERLOCK

# PULLER



For us the best sewing head in the domain of chain stitch. Unique with its upper- and lower needle-cooling-system. This doesn't just cool the needle but it also avoids warming of the thread and ensures a legendary seam picture. Maximum of 7000 stitches/min. Just enter the threads from right to left, presser foot lifts 7 mm. Perfect for stitching or sewing webs of cloth together or with additional accessories down hemming and/or lead ball component sets. See picture 2.

230 V AC, cpl. with motor, stand and table as a totally sunken version.

Anti-Vibration bottom table for ergonomic working.

Special designed slide, deplaced to the back for more space to the legs of the operator.

Small version Servo motor for more silence and 60 % energy saving.

All these operations you can do with this machine:  
 just single overlocking 1 needle 3 thread  
 attach panels together with overlocking and safety stitch with 2 needles.  
 Special additional:  
 - narrow edge seaming with component set  
 - sewing of lead balls with component set

## PULLERSYSTEM

The most sold pullersystem in the world, garanties faster sewing by automatic take away of the fabric behind the sewing head. Higher sewing quality because of flat seams.

Available for all overlocking machines!

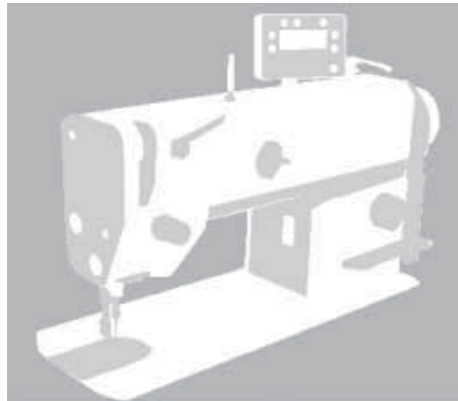
Art.No.: 6.PK	with puller 2N5F/2N4F pullermounting
Art.No.: 6.PKM	pullermounting
Art.No.: 6.PBB	special for leadballsewing

The pulling top transport on top and bottom for the fabric - provides a fast sewing and a continuous seams, without stoppage and a non-warping seam pattern. This new puller provides smooth seams without application of the left arm.

Cover the lead ballband with fabric and sew - A special machine for this operation. Complete with stand and table and pulling device, lead roll feeding device, ready to sew.



The following single needle sewing lockstitch workstations are available here:



- SPEED SEAMER with bottom feed with thread trimmer or
  - with additional needle positioning, aut. presser foot lift instead knee lever and Servo motor smooth and energy saving.
- SPEED SEAMER with bottom feed and intermittent top wheel feed - cpl. with thread trimmer, needle positioning, knee lever and/or aut. foot lifter, Servo motor.
- SPEED SEAMER with bottom feed and needle feed
  - with thread trimmer, needle positioning system, aut. presser foot lift or knee lever, Servo motor.
- SPEED SEAMER with bottom feed, needle feed and intermittent top wheel feed - cpl. with thread trimmer, needle positioning, knee lever and/or aut. foot lifter, Servo motor.
- SPEED SEAMER with bottom and top feed
  - with thread trimmer, needle positioning system, aut. presser foot lift and/or knee lever, Servomotor.
- SPECIAL HOOK SETTING MACHINE with bottom feed and /or needle feed or a special design with top and bottom feed for light but also heavy materials - so far the unique machine for this purpose on the market. Hook feed and setting for the "Flemish" pleat.
- 2 - NEEDLE TAPE SEWING machine in different needle gauges, this speeds and economises 60% working time and more.
- NEW - pleat folding machine single and double
- zigzag - sewing machines

bottom feed and/or needle feed with and without top wheel feed intermittent.



Generation oilfree

- fast
- intelligent
- powerful

the ultimate modern generation of sewing heads made in europe

Optionally with bottom feed or with additional needle feed.

Art.No.: 6.274 FAX	1-needle - lockstitch - needle and bottom feed sewing system with intermittent top wheel feed synchronised - thread trimmer - SERVO MOTOR - aut. backtack, needlepositioning, aut. foot lifting, display, table 60 cm depth and stand, 230 V AC energy saving servo.
Art.No.: 6.274 SFST	swimming foot technology with soft parts set - special for long and flat seams.
Art.No.: 6.0274006875	edgefoot for DA 274 open right
Art.No.: 6.0274006881	edgefoot for DA 274 open left side.
Art.No.: 6.9126243705	Bobbin
Art.No.: 6.134R...	needlesystem: 6.134R-70-80-90-100



	Equipment 1* for 6.9000/1183 series - 2* for 7220/1181 series	Art.No .:
<b>Accessories</b>	Teflonfoot for lockstitch machines 11 mm (1*)	<b>6.NT-18</b>
	zipper foot for covered seams for needle feed machines (1*2*)	<b>6.1181RVF</b>
	zipper foot for covered seams for bottom feed machines (1*)	<b>6.1183RVF</b>
	edge foot right open/ needle feed hole left (1*2*)	<b>6.1181KR</b>
	edge foot left open / needle feed - hole right (1*2*)	<b>6.1181KL</b>
	edge foot right open /bottom feed hole left (1*)	<b>6.1183KR</b>
	edge foot left open / bottom feed hole right (1*)	<b>6.1183KL</b>
	sewing foot special with bar for hemming operations for bottom feed (1*)	<b>6.1183.0001</b>
	sewing foot special with bar for hemming operations for needle feed (1*)	<b>6.1181.0001</b>
	bobbin box = 10	<b>6.9126243705</b>
	needlesystem box = 10	<b>6.134R70/ 80/ 90/ 100 / 110</b>
	Table 125x60 cm extra large - IMPULSA-Standard 106x60 or (106x50).	<b>6.7032-404</b>

This machines described before are all equipped with aut. thread trimmer, aut. backtack, needle positioning, display to program sewing operations, large table 106x60 cm, stand on rolls and low noise energy saving servo motors in series without extra charge - on request you may get top wheel feed for extra flat and smooth long seams - aut. foot lifting instead of kneelever for sewing of long seams especially on curtains ..



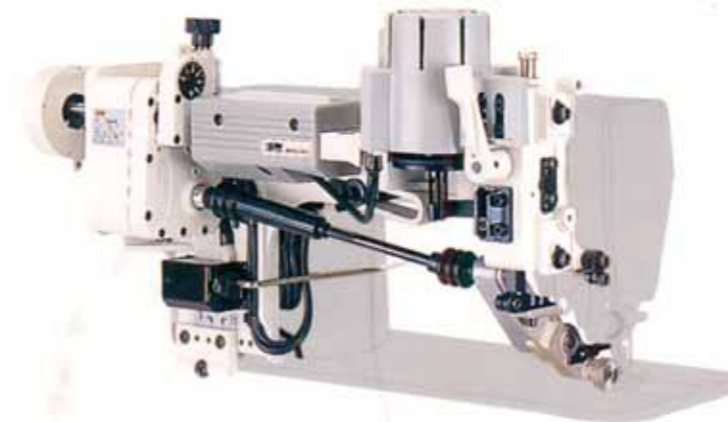
6.9000 FAX - 6.9000 FA.RP  
 These sewing machines are available with bottom feed - ..equipped with a special teflon coated foot - made to sew all kind of curtain fabrics - or bottom and intermittent top feed. We recommend a synchronised and „intermittent“ pulling device not only for fabrics like Organza, Chintz, Voile or others. An ideal working station cpl. with large table 105 x 60 cm with more space in front - ideal for sewing long seams esp. curtains etc. This is the best of lockstitch machines on the market - combined with pulling device for flat and neat seams.

Lockstitch sewing head with thread trimmer, Servo Motor, needle positioning, auto lock, display, 230 V AC.

Lockstitch machine with additional needle feed, thread trimmer, ServoMotor, needle positioning, Auto Lock, big table 106x60 cm.

Art.: 6.9010 FAX Servo,TT, aut.reverse, display

Art.: 6.9000-FA dito, without NT



Intermittent pulling system direct behind the sewing foot. The ideal machine to sew flat and neat long seams continuously. Precious flat seams on curtains - also for bottom seams and other sewing operations like taoe attaching etc.

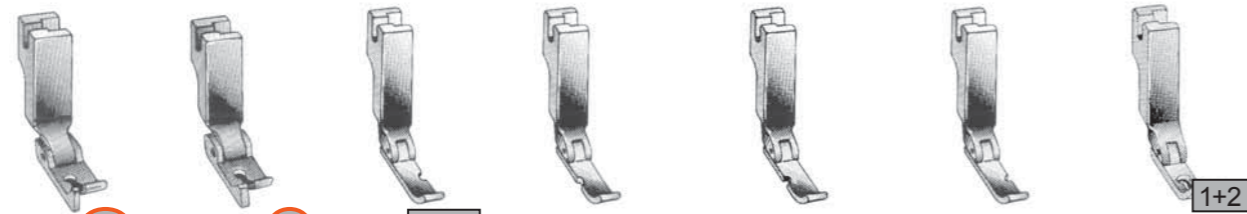
Art.: 6.PL with top roller transport

Art.: 6.PFL Aut. foot lifting

# Sewing feet lockstitch

The right sewing feet for Undertransport and needletransport

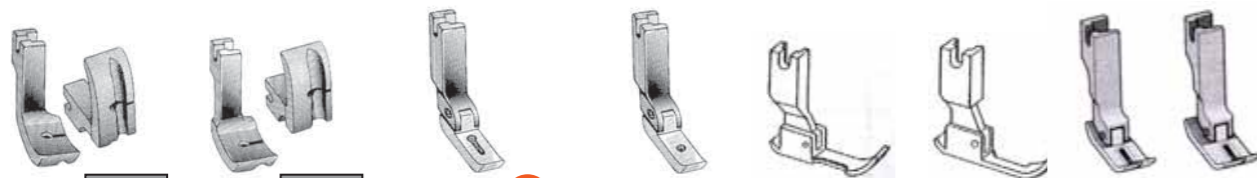
Articulated edging feet, zipper feet, piping feet also for needle feed.



6.1181.0001    6.1183.0001    6.1181 KL    6.1183 KR    6.1181 KR    6.1183 KL    6.BA1136 F

Edge articulated feet with solid leadership

for needle feed



Art.Nr.: 6.BA1174 F    6.BA1174FNT 4,8mm    6.BNT-24F    6.NT-18    6.BD3558 F    6.BD3556 F    6.BA-1155Fs    6.BA-1155BFs

4,8mm

6.1173 FNT 3,2mm

Piping foot

Piping foot  
Needle feed

Teflonfoot 11mm  
Needle feed

Teflonfoot

Zipper foot  
Needle feed



tin band girt  
nemming device

DOUBLE UPTURN SWING HEMMER FOR FINE AND DELICATE FABRICS 20, 25, 40 mm width of seam, other widths on demand. DOUBLE UPTURN SWING HEMMER FOR MEDIUM THICK FABRICS 20, 25, 40 mm width of seam, other widths on demand. Suitable for nearly all lockstitch high-speed seamers, type to be indicated.

Art.No.: 588.332.10+K	10 mm
Art.No.: 588.332.20+K	20 mm
Art.No.: 6.99-117362	with push-in bracket
Art.No.: 6.F100-S30 mm	30 mm
Art.No.: 6.F100.35	35 mm
Art.No.: 6.BF100-S40	40 mm

**mpulsa**

# This high-speed sewing machine with puller



Special feed (closed)  
Art.Nr.: 6.1181FAP0001



Puller with standard food



Simple changeover on different  
puller sizes

This high-speed sewing machine with continuous pulling device, its main field of application is closing, stepstitch and Seaming long seams. The high effectiveness of the continuous pulling device offers the operator a variety of facilities in the working process. The Strength of continuous pulling device are the smooth, elegant seams of difficult light to medium-heavy materials.

### Features / benefits:

- pulling device and pressure can be directly and easily sated by using the Handwheel or at the KL. 274 on the control panel
- with one hand the puller can be swiveled high up from the workspace
- After thread trimming automatic Lift of the presser foot with puller.
- Integrated presser foot lifting and locking device without compressed air.
- A machine for thin to medium-thick material thicknesses.
- Through under the presser foot: up to 13 mm
- Eccentric for the angle of the feed dog

Eliminates complex installation – machines are delivered ready for sewing. Smoothness, low vibration. The built-in AC SERVO drive transmits the force directly on the machine. It ensures a reduced 50 % Energy consumption. The machines work with lowest values of thread tension.

Art.Nr.: 6.1181.FAP 230 V AC

This high-speed sewing machine with needle feed, cpl. with servo motor, display, thread trimmer, Needle positioning, puller. Top 106 x 60 cm.



Integrated sewing drive in the  
Top.



A machine for thick and thin  
material. Needle bar stroke  
switchable.



**mpulsa**

AVAILABLE IN MANY NEEDLE GAUGES

# TAPE SEWING

IN 12 DIFFERENT NEEDLE GAUGES AVAILABLE



sewing for example 50 mm tape with lockstitch!

2-needle lockstitch sewing machine  
Special workplace with a converted sewing head with tape feeding device, tape guidance, needle feed on choice with top wheel feed - ideal to sew rollos and/or tapes.

Economise your work in tape sewing up to 60% !



Specifications:

Stitchtype	2 x 301
Needlesystem	134 R (DP 5) 70 - 80 - 90 - 100
Greifertyp	Vertikal, Drop in
footlift	7 - 13 mm
needlepin distance	33,3 mm
runthrough of the arm	245 mm

Picture shows a 2-needle machine 70 mm needle gauge for 75-80 mm wide tapes.  
These machines are also available in 12 different needle gauges from 6,4 mm - 8 mm - 10 mm - 12,7 mm - 16 mm - 19 mm - 20,9 mm - 25,4 mm - 38 mm - 45 mm - 68 mm - 70 mm.  
Economise your tape attaching -  
It does not go easier and faster -  
Save now 60% time in this operation!  
Buy now.



Needle gauge	Equipment	Art.No.:
	sewing stand with motor and table 60cm depth, 230V	
8 mm	needle gauge	6.2N.8mm
8 mm	needle gauge, thread trimmer, presser foot fan	6.2N.8mm.FA
10 mm	needle gauge	6.2N10
10 mm	needle gauge, thread trimmer, presser foot fan	6.2N10mm.FA
12,7 mm	needle gauge	6.2N.12
12,7 mm	needle gauge, thread trimmer, presser foot fan	6.2N.12 FA
16 mm	needle gauge	6.2N.16 FA
16 mm	needle gauge, thread trimmer, presser foot fan	6.2N.16 FA
20,9 mm	needle gauge	6.2N.20mm
20,9 mm	needle gauge, thread trimmer, presser foot fan	6.2N.20 FA
25,4 mm	needle gauge	6.2N.25.4mm
25,4 mm	needle gauge, thread trimmer, presser foot fan	6.2N.25.4mm.FA
45 mm	for 50 mm tape	66.2N45B842
70 mm	75 mm tape	6.2N70B842
	tape rolling-off device	50.99117995
	bandguidance	6.99-117267
	single folder adjustable 20 - 70 mm	6F.175U70
	hemming tool for single hemming of 20 mm	
	• bobbin VE = 10	6.S09285051
	• needlesystem VE = 10	6.134R/70/80/90/100
	• other needle distances available - just ask for it. F = thread trimmer N = needle positioning B = display P= puller .	
	Intermittent top wheel feed for 6mm to 16mm needle gauges	6.PS
	Puller - 50 mm	6.PL



16 mm



68-70 mm





# RING SEWING MACHINES - EASY AND FAST

# LONGARM - 1000 mm - VERY SPECIAL ROLLO - TAPE - SEWINGMACHINE 2-NEEDLE 16 mm NEEDLEGAUGE

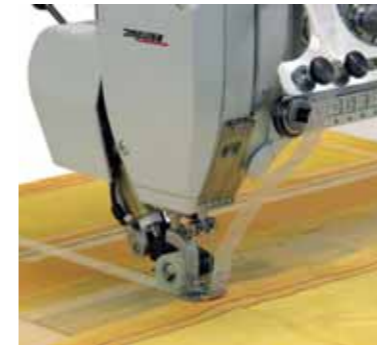


RING SEWING MACHINE Art. No.: 6.374-20RING

Chainstitch machine - one thread, for fixing rings, with adjustable brackets and the rings are placed manually.  
Just enter the ring and feed the fabric edge and start. Ring by ring.  
Adjustable stitches 8-16-32  
Safety KNOTTING at the end to avoid loose rings! (Secure stitches) from 8-15 rings - other sizes with add. tools available.  
Thread cutter.  
Cpl. with stand and table, motor.  
230 V AC.



LOCKSTITCH AUT. RING FEEDING MACHINE Art.No.: 6.3307 RINGA  
electronic controlled machine with adjustable stitch length and number of stitches - threadbreakcontrol device - fabric guide - secure stitch equipment - (Double-Knotting) - skip stitch sensor and integrated servo sewing motor drive.  
Cpl. with table and stand - 230 V AC.



ADJUSTABLE MAGNETIC RANGE SPACER



MEASURE TAPE 0 - 1000 mm



- longarm sewing head 1000 mm
- puller-transport air-operated
- 2 stitchlength callable -
- stroke quick changer
- 2-needle to sew the tape - here 16 mm
- also other gauges available.

Art.No.: 6.1000.2N16

Finally we found a solution to sew very ergonomic tapes on tableau curtains - Raff-Rollos.  
Because of the longarm 1000 mm of the sewing head - the fabric lays even and unpleated - so the operator may control the sewing process much easier. If you use ultra violet light you may sew the tapes easier and better parallel.

# FOR THE INVISIBLE SEAM

# BLINDSTITCH

# UNIQUE: NOW YOU MAY SEW ORGANZA WITH BLINDSTICH



## 101 BLINDSTITCH UNIVERSAL MACHINE

This machine sews nearly everything - from light fabrics to heavy.  
A real horse to run your curtain sewing.

Wide passage for sewing also bottom seams.  
Stitchlength from 3-8 mm, easy to adjust  
sewing speed: 2500 U/min  
foot passage: 8 mm

Stitch depth adjustment easy to handle by hand wheel.  
Cpl. with table and stand and motor 106x60 cm - 230 V AC



Art.No.: 6.251EU-70	Needlesystem
Art.No.: 6.251EU-80	
Art.No.: 6.251EU-90	
Art.No.: 6.BST 101	sunked version
Art.No.: 6.BST 101 A	not sunked version



## 813 F BLINDSTITCH MACHINE SPECIAL

SPECIAL FOR FINE FABRICS NEW!!!

SUPER LIGHT FABRICES like organza and voille which you couldn't sew until now with blindstitch - this is now possible -  
wide arm passage for wide bottom seams on curtains  
stitchlength 3-8 mm, easy to adjust  
foot passage 8 mm  
interval: 1:1 - 2:1  
sewing speed up to 3000 stitches/min..  
stitch depth easy to adjust  
Cpl. with table 106 X 60 cm and motor 230 V AC.

Needlesystem:	Art.No.: 6.251 EU-70
	6.251 EU-80
	Art.No.: 6.BST 813 F sunked version







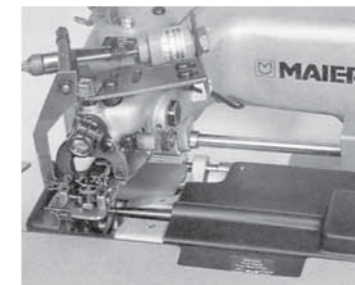
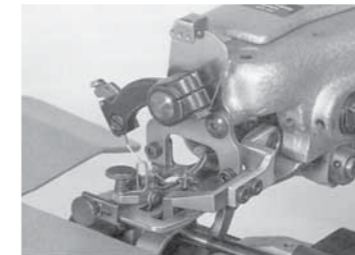
364 S

HIGHLY SOPHISTICATED MACHINE:

- looper height-regulation
- top feed differential regulation
- automatic thread trimmer
- servo motor
- sewing arm with inside lifting
- closed stitch stabilizing guide
- are the extras above the model 813/101
- Stitchlength: 3 - 8 mm
- Differential: 1,1 - 1,5 mm
- sewing speed upto 2500 stitches/ Min.
- Unique design for fine fabrics with an outstanding sewing result

Sunked blindstitch machines providing especially on long seams a much better result on sewing - beside you sew faster. The fabric does have the same level like the sewing machine. Additional you may use hemming tools to sew more precise and faster. All our blindstitch machines (except the small table model) may be delivered in such a sunked version on a small extra charge. Art.No.: 6.BST101 / BST364S / BST813F Blindstichmachines are because of their stitch length much faster and the blind seam looks more elegant. With the blind stitch you can achieve a high quality sewing result.

Art.No.: 6.BST 364S	cpl. with table, stand and motor, 230 V AC
Art.No.: 6.251EU-70/80/90	needlesystem



HIGH-POWER BLINDSTITCH MACHINE made in Germany

With large passage width of 17 cm for bottom seams on curtains. Small cylinder at the front with interval construction switchable 1:1/ 1:2. For material thicknesses of all kind - universal machine. cpl. with stand, table, motor.

Art.No.: 6.241 DS	Deco special
Art.No.: 6.241-10	for velvet + velour special
Art.No.: 6.241 E	cpl. with electronic motor

Option: The puller is built-in directly behind the stitch plate. It works intermitting and ensures a steady and careful feed of the fabrics. Only deliverable in connection with an servo motor.

Art.No.: 6.241 EP	cpl. with electronic puller
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The pre-feed makes a needle start directly at the cloth edge possible, because of the additional feed working in front of the needle.

Art.No.: 6.241 EV	with pre-feed
Art.No.: 6.241 EPV	with puller and pre-feed

230 V AC cpl. with table + stand + motor, put up ready for sewing Needle system: 251EU

Art.No.: 6.240 FA	Thread cutting with servomotor
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# NEW! ROUND DISC SEWING MACHINE

## Blindstitch reliable table machine

Machine to close the sides of the bottom seam on the edge. Especially used when sewing the curtains with blindstitch instead of sewing by hand. This machine has a round disc technology with a guidance for a save and equal sewing distance to the fabric edge.



Art.No.: 6.RTM 5.1

max. sewing speed 3200 a/min.  
Stitchlength adjust. 0,7 - 2,5 mm  
Needlesystem: 6.GPX1  
round disc machine  
cpl. with stand and table,  
motor - 230 V AC.



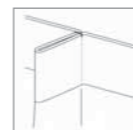
### 1181 T

Blindstitch for the smaller atelier - integrated motor - stable casted housing - a sturdy machine for universal use - 1200 U/Min. Good invisible seams on low cost basis.

Art.No.: 6.BST 1181	cpl. with table plate and motor, 230 V AC
Art.No.: 6.LWx 6 T-80	needlesystem

## SEWING OF HOOKS

## SEWING



Pic. machine with bottom feed



Pic. machine with top and bottom feed

SEWING HOOKS ON THE FRENCH FOLD WITH TOP + BOTTOM FEED !

This sewing place was developed by Impulsa by using the well-tried sewing heads on demand of the customer:

The practise shows that a bottom feed or even a needle feed machine is good on light to medium fabrics and can be used more slow also on heavy fabrics.

So we offer the Art. 6.1053NAFF in this class.

If you may use all kind of fabrics even the heavy you may have the chance for a costly bartack machine see next page or you go for the still unique design of our top and bottom feed machine - it is selfexplaining that such a machine has all the necessary facilities to solve the work better. For light materials the machine is equipped already with soft tools. This is the solution:

### NAFF 1085 with top and bottom feed,

Equipped with thread trimmer, needle positioning as well as display and sewing pre-programmed. The design supplies hook after hook from behind of the needle. There are different possibilities of sewing:

- the so-called L-Tack with one or two seams
- very much time is economised
- nevertheless is hook by hook is neatly manufactured
- small settling-in period for the operator is necessary
- hopper for 100 hooks is easy to be filled
- hooks are obtainable with us - machine is also suitable for all other hooks - Please indicate at your order.

Art.No.: 6.134R.80    needle system VE = 10.

Art.No.: 6.134-35R80    needle system VE = 10.

Art. No.: 6.MF-H.75

75 mm also available in 55 or 95 mm.

# SEWING OF HOOKS

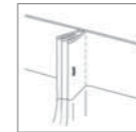
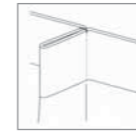
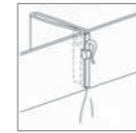
## SEWING HOOKS on a backtack machine

This sewing place was developed by Impulsa by using the well-tried sewing heads either Brother or Juki or SS on demand of the customer. All these high-speed machines are equipped with a thread trimmer, a hook seaming program and display and the design supplies hook after hook from the side to the needle. extremely efficient on heavy materials

There is a laserline assisted equipment to fold the single or double or triple pleat. The hook will be inserted.

There are different possibilities of sewing:

- the so-called L-Tack with one or two seams
- very much time is economised
- nevertheless is hook by hook is neatly made.
- hopper for 100 hooks is easy to be filled
- hooks are obtainable with us - machine is also suitable for all other hooks - Please indicate at your order. Depths of pleats 20-50mm.



Art.Nr.: 5.1306 NAFF	cpl.Set - 230 VAC
Art.Nr.: 5.NAFF 311	cpl.Set - 230 VAC
Art.Nr.: 6.190 R WTX 190	Needlesystem

# FRENCH FOLDS

# PLEATING AND SEWING MACHINE



Main features:

- This is a new developed pleating machine for
- single pleats
- double pleats
- the mechanics are based on a known concept combined with new servo technology for easy adjustable sizes of pleats - single as well as double or so called box pleats.
- You may order the machine based on a chainstitch machine or based on a lockstitch machine.
- anyway you may pleat tapes

- may directly pleat your curtains.
- easy adjustment of the pleat size
- low noise and low vibration working
- sewing stitches to start pleating at the beginning and choose the same at the end.
- or start directly with the pleating - at the end you may correct the pleat size just by a touch button.
- if required with tape feeding from the bottom
- with folding device for the top
- with display
- large table
- 230 V AC

Art.No.: 5.2N45BPM	Lockstitch
Art.No.: 5.XN.C.BPM	Chainstitch



# SEWING OF HOOKS

FOLDING THE PLEATS -  
EITHER SINGLE OR TRIPLE  
INSERTING THE HOOKS  
SEWING AUTOMATICALLY BY PROGRAMM  
THIS IS OUR MOST ADVANCED MACHINE BASED ON A  
BACKTACK SEWING HEAD 140  
OR 311 WITH LARGE SEWING FIELD.

Equipped with thread trimmer,  
folding device air operated for setting the pleats - just insert  
the fabric - the pleat will be done exactly - the hook will be  
setted and the sewing program start as you may request.  
There is an easy and fast space ranger.  
Hook by hook will be inserted.



# FRENCH FOLDS

There are different possibilities of sewing:  
 • the so-called L-Tack with one or two seams  
 • very much time is economised  
 • nevertheless is hook by hook is neatly made.  
 • hopper for 100 hooks is easy to be filled  
 • hooks are obtainable with us -  
 machine is also suitable for all other hooks.  
 Please indicate at your order.  
 This is the most time saving machine and  
 offers by using of the automatic folding device  
 very exact and perfect pleats in different  
 depths from 25mm to 35mm and stitching.  
 Max. sewing speed .2700 / min. - needle cooling.  
 Stitchlength adjust. 0,7 - 2,5 mm  
 Workstation with servomotor, display,  
 preprogrammed .



Art.No.: 5.1306 NAFF	cpl.set - 230 V AC
Art.No.: 5.NAFF 311	cpl.set - 230 V AC
Art.No.: 6.190 R WTX 190	needlesystem

# BASIC PLEATING AND SEWING MACHINES



Programmable machine which does set the  
pleats and sew with 2-needles, gauge 32 mm.  
 Cpl. working station consisting of  
table, stand and SERVO motor with display .  
 2-needle chainstitch machine, display PLC  
for easy setting the number of stitches and  
also the pleat sizes.  
 Tape feeding and sensing for cutoff by  
malfunction. The number of stitches of the  
front pleats and back pleats (doublepleat)  
are easy to set on the display, folder.

Art.No.: 6.DLR-1502PMR



Pleating and sewing machine with 4 eccen-  
trics = adjustments for different pleatsizes/  
types.  
 Deliverd with a 1-needle machine with big bobbin  
- stand and motor 230 V AC.  
 On request delivered with velcro tape feeding  
from the bottom.

Art.No.: 6.B746-5



NEW!

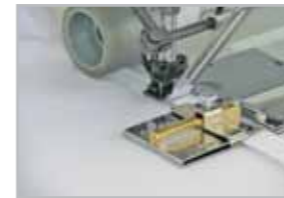
You already know sewing conveyors.

For sure you thought they are much too big or much too expensive.

Now there is a low budget unit alternative!!!



„Stressfree“ feeding for flat pipes



„Stressfree“ feeding for velcro.



Different seams widths easy to adjust - always perfectly sewed.



**A LOW COST SOLUTION:**

Sewing velocity synchronized with the conveyor bringing the material to the sewing head.

==> perfect seams

==> perfect tape workmanship

# SYNCROMATIC - ECO NA 300

# SYNCROMATIC 2300+ MULTIFLEX

Sewing automation for small money. This NA 300 ist located between the single workstation and the big sewing automation Syncromatic Classic NA 23+.  
Continuous sewing long seam can be produced from the hant without interperetation with a very good result.

Compatible to a constant sewing velocity runs the sewing process synchronized with constant tension of the thread.

- the standard version has already a roller drive for a fourth synchronized dimension and extreme flat seams
- there is standard equipment for four applications in the machine without overcost:

1. Sewing of seams in different widths without changing the tools - only by IMPULSA.
2. Sewing of flat pipes in different widths + depths. Easy to adjust.
3. Sewing of Velcro or reinforcement tapes.
4. Sewing of flagpiping

On request:

- bordering tape sewing
- Start-Stopp Interval programmable to sew for example rings in seams.

Art.Nr.:	Equipment
5.NA300.274	SYNCROMATIC - ECO - 300 Conveyor 3 metres with 1-needle sewing head and triple transport, feed-dog, needle transport,
5.Na300.9010	dito. with one-needle machine with bottom feed, needle transport
5.NA300-2N12	dito. with two-needle machine, bottom feed , needle transport
6.PL	Roller drive synchronized with the sewing speed for top feed
6.PL50	Roller drive synchronized with the sewing speed for top feed - 50 mm
5.NA300-1767	dito with triple feed transportatio for strong and heavy materials
60.102	On request:
60.F.70 x 25mm	- Flagpiping device from above
588.331.1-12	- Bordering device
60.190	- seaming device 10-120 mm adjustable
	- casing with patition.



**Sewing WORKSTATIONS may be changed by the operator within one minute!**  
YOU MAY CHANGE LOCKSTITCH AGAINST CHAINSTITCH OR AGAINST BLINDSTITCH THE 2300+ IS INTELLIGENT ENOUGH TO REMEBER THE LAST OPERATION WITH THE DOCKED STATION - AND YOU MAY START WITH THE SAME ADJUSTMENT AGAIN.  
EVEN WITH ELECTRONIC TOP WHEEL 4XFEED - UNREACHED IMPULSA DESIGN.

# SEWING AUTOMATION 2300+



The sewing automation 2300+ is very popular with all seamstress' as one can not only sew totally automatic but also by using the pedal.

After the cloth is placed on the tape, the seam is drawn in the apparatus at the front on the right. The beginning of the seam can be operated per floor-pedal or on every position between the mouse and the sewing head.

The operator walks along the cloth, takes the end of the hem and puts it into the mouse which is adjustable longwise.

After that the sewing process starts and the start can be released directly at the mouse.

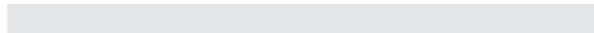
The cloth runs automatically through the sewing head. The end of the seam is automatically realized, back tacked and the thread is cut off.

The cloth runs on for a stretch. If the automation is set on automatic return stroke, the feeding tape will run back, therefore the cloth has only to be turned to manufacture the hem on the opposite side in the same manner.

We have depicted two „mouse“-technics.

One with a construction to fix the needle (picture on the left, above) which additionally wedges flat by us. This is a secure variation, but with highly sensitive fabrics the needle may lead to damage.

As you can see, at the other variation the mouse is just wedged.



Of course all described functions may be singular and manuel choosen. If a mistake occurs during the sewing process, the controlling person may be able to stop the automation in every sewing position by a lateral running pull-cord, therefore a correction can be made in each position and the sewing can go on.

The side-hems are very easy to produce, no matter if you use deco or organza, we even have solutions for bottom hems with cross seams.



# SYNCROMATIC 2300+ MULTIFLEX



### YOU require:

- reduction in costs
- flexibility
- improved quality of the sewing result
- quality of the seam is always excellent like usually it only can be produced by a top-level staff

### WE offer:

- up to 50% time saving
- Excellent sewing quality by a continuous sewing process
- very easy to learn
- changing of sewing heads/stations is a matter of seconds.





# SEWING AUTOMATION 2300+ BLINDSTITCH

# SYNCROMATIC CLASSIC 2300+ LOCKSTITCH

4x feed



**BLINDSTITCH SEWING STATION**  
 We reached what nobody would have believed:  
 Changing is a matter of seconds.  
 For example changing from lockstitch-  
 to blindstitch sewing station by the operator.

Lockstitch and blindstitch are two completely different types of stitches. Blindstitch is based on the chain-stitch principle and has other stitch lengths and thread tensions. Therefore other speeds has to be used.

Nevertheless we change the sewing stations and the controlling person has no more to do any adjustments. Simply pull out three plugs and stick in three plugs of the new sewing station - just go on.  
 With this the sewing automation 2300+ you may reach a maximum of flexibility and just this is asked for!  
 Up to now the impression turns out that many manufacturers and producers avoid the domain of blindstitch, by fear of more problems at the manufacturing than with the lockstitch.  
 But a blind sewed seam looks better and you may excel yourself in the competition.  
 You can make this easily with our sewing automation and that at an even higher sewing speed as at the lockstitch method.

Sewing station w.Servo-Puller 3-D - **Art.No.:5.2300.BSTE**  
 ditto w.electronic device to adjust the depth of the stitches  
**Art.No.5.2300.BSTEE**



**With Puller**  
 For side and bottom hems needle feed with top wheel 4xfeed design -intermittent-preferably with steered electronic-synchronic top wheel feed.  
 This is a high-end solution for unreached sewing results! in lockstitching long seams.  
 We offer also other sewing heads whatever brand you like or prefer. We can synchronise all.

# SYNCROMATIC 2300+ MULTIFLEX

# SYNCROMATIC CLASSIC 1300+



## CHAINSTITCH-STATION

For this work cycle preferably a 2-needle 4-thread chainstitch sewing head or a 2-needle 5-thread sewing head is used, both with lateral knife at their disposal.

Our solution:

Simply change and here we go.

There is also a synchronized mouse for holding the webs of cloth lying on top of each other. In the acc. we offer additionally a laser line which shows the seam first.

The speed of the tape is perfectly synchronized with the stepping motor technic and the control system.

This is just available by us!

Especially, we like to draw your attention to the very low maintenance charges. The sewing automation 2300+ can be delivered with sewing heads of Pegasus, Brother or Juki, with puller system or top and bottom feed and edge guidance.

Panels are sewn together.

Stiff tapes are sewn on.

As supplement we recommend top- or bottom feed machines, especially if stronger fabrics are manufactured. For fine and delicate fabrics we produce special sewing tools in the IMPULSA design.

We offer you the right one!

For technical advice, ask us!



## BLINDSTITCH SEWING STATION

We reached what nobody would have believed: Changing is a matter of seconds.

For example changing from lockstitch- to blindstitch sewing station by the operator. Lockstitch and blindstitch are two completely different types of stitches. Blindstitch is based on the chainstitch principle and has other seam lengths and thread tensions. Therefore other speeds has to be used. Nevertheless we change the sewing stations and the controlling person has no more to do any adjustments. Simply pull out three plugs and stick in three plugs of the new sewing station - just go on. With this the sewing automation 2300+ reaches a maximum of flexibility and just this is asked for! Up to now the impression turns out that many manufacturers and producers avoid the domain of blindstitch, by fear of more problems at the manufacturing than with the backstitch. But a blind sewed seam looks better and with that you can excel yourself in the competition. You can make this easily with our sewing automation and that at an even higher sewing speed as at the lockstitch method.

Art.: 5.1300. BST	
Art.: 5.1300. BSTP	
Art.: 5.13.9000FAP	
Art.: 5.1300.274P	without sewing station

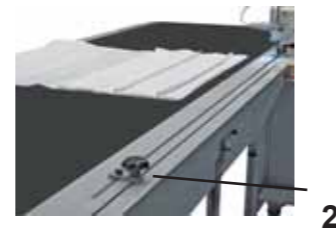




# SEWING STATION 1300/2300+ FOR ROMAN PLEATS

# Hemming tools for sewing automation 2300+ / 1300+

Roman pleats can be sewed with this sewing synconisation



How to sew roman pleats with this sewing station:

Function:

First of all adjust the parallelism between the guide plate and the needle, on the provided measuring tape. (1)

According to the length of the fabric, block the clamp (2).

The tissue will be positioned beneath the conduct bar and signed through an indication, on the left and on the right.

After that, just align the fabric and lay it upon the guide.

Now you can start sewing.

**Art.No.: 588.330.QF10** ACC.SET for sewing roman pleats

Product	Art.No.:
TAPE CONSTRUCTIONS	
2M	5.2300.2
4M	5.2300.4
4.5M	5.2300.45
5 M	5.2300.5
6 M	5.2300.6
8 M - other sizes on demand	5.2300.8
SEWING STATIONS MOVEABLE WITH SEWING HEAD - THEY CAN BE CHANGED IN 1 MINUTE:	
Lockstitch needle feed with puller device	5.23.1181FAP
Lockstitch bottom feed with Upper feed roller	5.23.9000 FRP
Lockstitch Pfaff with top+bottom feed	5.2300.487
Lockstitch JUKI with puller and top+bottom feed	5.23.JOUP
Lockstitch JUKI needle feed with puller	5.23.JNTEP
Lockstitch Brother with Puller	5.23.274.P
Lockstitch 2 needle machine 16 mm	5.23.2N16FA
Lockstitch 2 needle machine 16 mm with puller	5.23.2N16FAP
Lockstitch 2 needle machine 44 mm with puller	5.23.2N45FAP
Chainstitch 2 needle 4 thread sewing station O+U	5.2300.2N4F
Chainstitch 2 needle 5 thread sewing station O+U	5.2300.2N5F
Chainstitch 2 needle 4 thread with puller	5.23.2N5F.P
you may choose Juki or Pegasus	
Contour edge guidance	5.23.2N4F001
Contour edge guidance special with adjustable independent edge guidances to guide fabrics on different edges as well.	5.23.2N4F002

Product	Art.No.:
blindstich sewing station	5.2300.BST
blindstich sewing station + Puller	5.2300.BSTE
Mausbaugruppe klemmend mitfahrend	5.23.CD
Längsklemmend mit Nadel	5.23.CD00100
Apparate / Foldertools	
20 mm hemmer fine goods, NA 2200 20 MM 2x1	588.330.10S
10 mm hemmer, NA2300, 10 MM SÄ 3x1,5	588.330.10
15 mm total seam hinged, NA klapp 3x1,5	588.330.15V
20 mm hemmer fine goods, NA 23 20 MM 3x1,5	588.330.20
20 mm hemmer, Na 23 20 MM 4x2	588.330.20D
25 mm hemmer extremely thin, NA 23, NA 23 20 2x1	588.330.20S
25 mm hemmer, NA 23 3x1,5	588.330.25
25 mm hemmer total seam hinged, NA 23, NA 23 25 2x1	588.330.25S
40 mm hemmer hinged 3x1,5	588.330.40
50 mm hemmer hinged 3x1,5	588.330.50V
60 mm hemmer medium, NA23, NA 23 SA 3x1,5	588.330.60 S
100 mm total seam hinged, 100 mm 3x1,5	588.330.1006
100 mm hemmer hinged, strong deco 4x2	588.330.100
100 mm hemmer hinged 2x1	588.330.1202
Apparatus holder NA 23, 3-tlg.	581.6NA23.8
25 mm thrower, Standard	588.331.20





**Easiest technic of operation**

As the using is very easy special educated sewing staff is not necessary and the staff can be introduced easily. The distinct dashboard makes an easy activation of all functions possible.

**Automatic functions**

Both webs of cloth are just put on the table. The edge-ruler determines the sewing line by moving upwards. The sewing head is stopped automatically by a light barrier as cloth starts. The webs of cloth are now be fixed by the vacuum. The sewing procession starts with pushing the start button. The sewing head now moves automatically to the end of the cloth and is there stopped by a light barrier. The chain thread is cut off automatically. If requested a laser equipment, which shows where the seam proceeds, is deliverable. In case of a back filling meaning a mistake by using the proceeding can easily be stopped.

**Sewing automation 2100+**

Automatic high-power sewing design: for sewing decos and curtains together. The new vaccum technologies redress the problem of the thrust. Computer controlled sewing for smooth and thrust free sewing together of different webs of cloth. The webs of cloth lying on the top of each other on the sewing table are absolutly fixed by a totally new vaccum technology. Instead of the laborious pushing through of fabrics through the sewing foot by a seamstress the sewing head runs along the cloth. High quality sewing technic from Pegasus. Pegasus' sewing heads belong to the best sewing heads in the whole world and we make, because of a feed behind the needle on these sewing heads, a deflection-free sewing result possible. The construction can be used for finely weaved curtains as well as for decos. High productivity is achieved by a fast working method. The sewing time for one line depends on the quality of cloth and is quoted for 3 m; minimum 15 sec.; maximum 35 sec.

**Technical Data:**

230 V AC and high air pressure necessary  
 Size: 405 cm lenght x 190 cm large  
 Performance: Up to 80 webs/hr.

- Art.No.: 5.2100.330-E
- Art.No.: 5.2100.440-E
- Art.No.: 5.2100.550-E

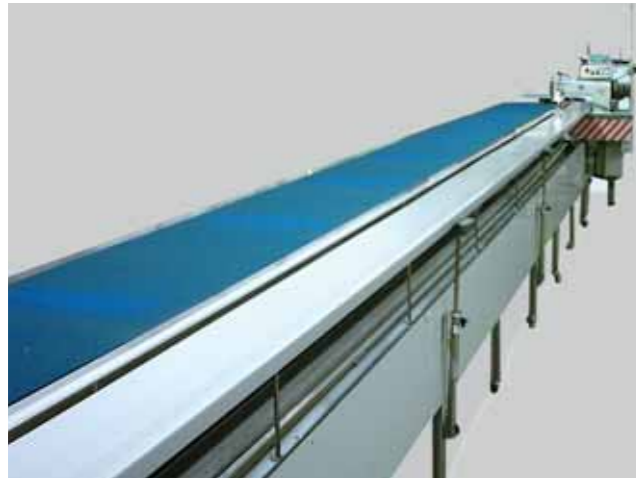


Machine drives synchronised along the seam

# SEWING AUTOMATION 2200+

# LOCKSTITCH

# NEW! Double head sewing automation NEW!



### Compact construction

Extremely favourable are the measurements of the automation: from 330 cm length of seam /sewing performance with a total length of only 405 cm (width: 190 cm) available up to every requested measurement. Longest built machine up to 2004 was 18,5 m

### Favourable and easy maintenance

The sturdy built machine is running constantly smooth. Less maintenance charges than by a normal sewing machine.

### Accessories:

Different side-hem-apparatus can be delivered as accessories in the desired widths.

Easy to change by a quick mover.



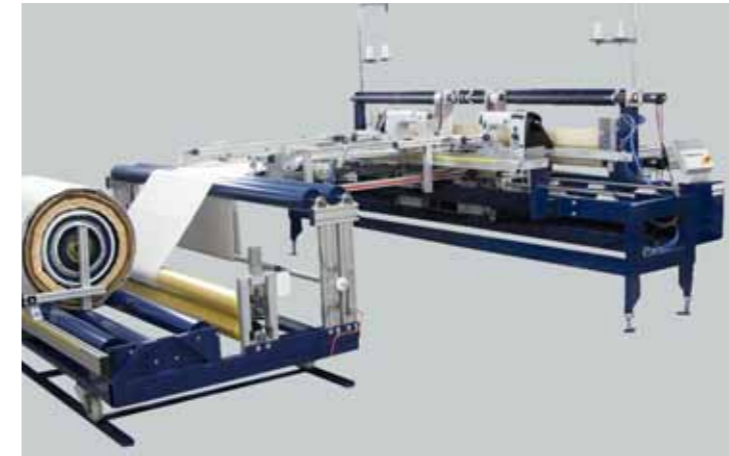
### Sewing-automation 2200+

Automatic computer controlled high-power sewing automation for hemming side seams as well as union seams. The sewing automation corresponds in all main components, this means driver, control system, vacuum technic, the sewing automation 2100+. The 2200+ is equipped with a high-speed sewing head from any brand which does fits to your needs.



Equipment	Sewing automation lockstitch head 487 330 cm	5.2200.330-4
	Sewing automation lockstitch head 487 440 cm	5.2200.440-4
	Sewing automation lockstitch head 487 550 cm	5.2200.550-4
	Sewing automation lockstitch head 487 990 cm	5.2200.990
Accessories	Floating foot construction-not available for all sewing heads.	5.2200.SFE
Equipment	Nähanlage 3-fach Transport 867-2-600 6 m - in allen Grössen lieferbar.	5.2200.1767-2

**impulsa®**



### RIGHT AND LEFT DOUBLE CHAINSTITCH SEWING MACHINES

With automatic system by roll-off dancing balancer for all kind of sizes available. Adjustable for all kind of widths from 450-3000 mm.

You may choose your sewing head - also other heads or brands can be used according to your requirements.

The roll-off dancing systems are different according to the sizes of the fabric rolls and their weight. On the picture you may see the biggest version.



Automatic edge control and cutting on the side. Different hems can be sewed right and left: 6, 8, 10, 15, 20, 25, 30 mm etc. Fields of application: curtains, bedcloth etc.

Art.No.: 5.2500.DKNA

**impulsa®**



## SEWING OF ROMAN PLEATS

5.2400 QFM

The fabric will be simply clamped or feeded. The software based on a PC is calculating the distances from pleat to pleat.

Pleats from 10 to 100 mm.

- The distances can also be entered manually on the touch screen TFT.
- The pleat will be made automatically by a system moving from the back to the desired position to build a pleat in the desired depth - the pleat will be clamped - the system moves back - the sewing process starts from the right to the left. Sizes of the pleats and distances from pleat to pleat are programmable.
- The sewing head runs back from left to right and starts the next operation.

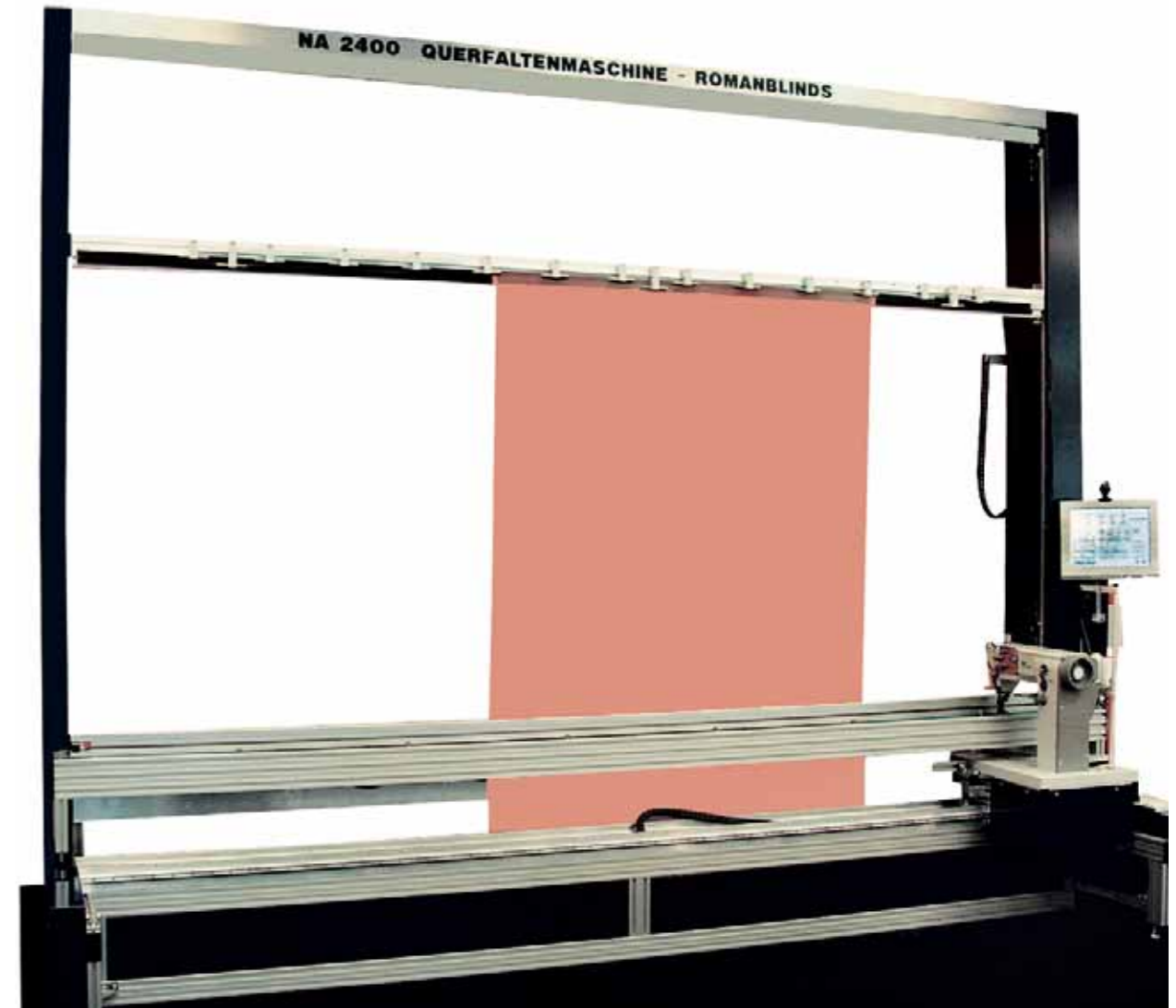


Touch screen



Glass surface allows visible to the fold.

Art.No.: 5.2400.QFM	Sewing automation 2400+ 4 m
Art.No.: 5.2400.QFM01	Marking device
Art.No.: 3.111 Q	extension each 50 cm width
Art.No.: 3.110.1	surcharge height > 4 m
Art.No.: 3.600.TC	Touch screen
Art.No.: 388.425.MS	Microsoft license
Art.No.: 61.303 Q	Cutting unit
Art.No.: 3.600.CHECK	Remote control with webcam





# The next work cycle: THE IRONING



Realize now why even the standard ironing stations of the series:

COMBI	LINE
STUDIO	LINE
FUTURA	LINE
MOTOMAT	

are always one step ahead.

According to this leading:  
 Master-class schools  
 Curtain studios  
 Interior decorator companies  
 Department stores  
 decide for us.

**NEW!**

---> No more Teflon foot!  
 "Cold ironing" with long tube!

Solution of the "shrinking" problem by using cold ironing technic and +/- 2°C more exact temperature-setting of the ironer. Low bottom temperature of the boiler system.  
 Without condensate feedback, without steam bridge.



# Curtain ironing stations

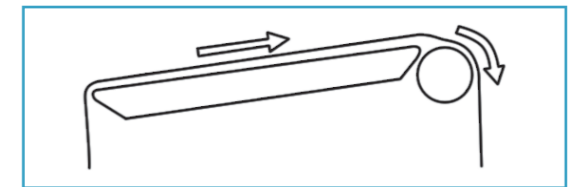
Because of the variety of requirements of different operational sizes - we have intensively carried out our development and set a new standard with the following devices for optimizing the ironing technic in all operational sizes:

- FUTURA LINE**
- Extremely strong sucking off
  - Adjustable in height - inclined ironing surface
  - Cloth rallying hollows at the front and back
  - 2. launching tube - for avoiding that tube and cable soar always in front of the operator's „nose“
  - Heated ironing surface 30 - 110°C with superpadding, no molton or felt!
  - For choosing: „B“ - version with blow construction for velvet but also for easy and deflection-free feeding of the „decos“
  - Light barrier for sucking off
  - Floor-board for bubbles.
  - For choosing: „T“ - version - timer for automatic sucking off after the ironing procedure.
  - Descending air current chimney with used air filter, sound reducing and clean exhaust air

Special equipment:  
 Removal feed to the back, deliverable for all STUDIO + FUTURA LINE ironing stations. As an opposite the ironing station „MOTOMAT“ one can't iron while the feeding runs, otherwise it will block up. Also back feeding for folding together is impossible with this equipment. This construction, however, is for rational use by ironing.

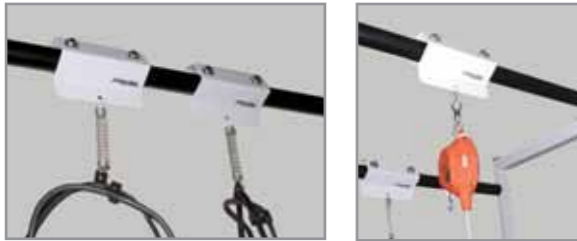
Because of the variety of requirements of different operational sizes - we have intensively carried out our development and set a high standard with the following devices for optimizing the ironing technic in all operational sizes:

- STUDIO LINE**
- Extremely strong sucking off
  - Inclined ironing surface
  - Cloth rallying hollows at the front and back
  - 2. launching tube - for avoiding that tube and cable soar always in front of the operator's „nose“.
  - S - POR Padding - blue - cold sucking off.
  - Optional : heated ironing surface 30 - 100°C with super - padding, no molton or felt!
  - Used air filter, sound reducing and clean exhaust air



# Accessories

# STUDIO LINE - NEW!!!



Art.Nr.: 388.658.12 Federlifter Balancer



Also all covers are available as already sewed with velcro tape. Please indicate just the size.

Art.No.: 489.550.3	150 cm wide for sewing by yourself
Art.No.: 389.550.1	150 cm Poly-BW-price. alternat.

TRAVELING CARRIAGE FOR TUBE HANGER  
8 x ball-bearing, silent runner

Art.Nr.: 389.6989

TRAVELING CARRIER car for balancer:

We only use a nylon rope balancer which rolls up parallel and not on the top of each other - on the opposite of steel ropes or plastic rope devices these ones doesn't stress the wrist and the purses of the ironing person as the others do. The balancer is made of a plastic case instead of a steel case so less weight has to be moved.

Balancer:

Art.Nr.: 388.6989

Hanger for all Atomic 2050 boiler irons

Art.No.: 19.035

Hanger, dito with joint

Art.No.: 19.036.1

IMPULSA S-POR deliverable in different widths /fm:

Art.No.: 488.561.61	60 cm
Art.No.: 488.561.70	76 cm
Art.No.: 388.561.130	130 cm

spezial felt 200 cm wide

Art.No.: 388.551.200 200 cm / lfm

Polyfitcover, dark blue, the perfect cover for sucking off ironing tables with high air permeability and high steam permanence.



2. Launching tube  
The iron soars in the launching tube at the front. The adjustable balancer is available in quantity - according to the " boileriron „ we do not need costly the thermal- irradiated condensate bridge. Steam tube + cable of the iron soar behind the 2. floating susoension tube - this supplies the best steam lowest energy consumption and an ideal working place design. Only the iron floats in front. Who offers more?



Type	Equipment	Art.No.
SL 2060	Ironing surface 200 x 60 cm cpl.	3.2060
SL 2560	Ironing surface 250 x 60 cm cpl.	30.2560
SL 3065	Ironing surface 300 x 65 cm cpl.	30.3060
	Table surface heating: for 2,0 m, 2,5 m, 3,0 m	390.400.1750
	Removal construction kit GA 2560	38.2560
	Removal construction kit GA 3060	38.3060
	Holder for Impulstronic (only with elektronik-BE)	381.541

# FUTURA LINE



**LIGHT BARRIER**  
 Comfortable, ergonomic use of the sucking off. - Who offers more?



Typ	Equipment	Art.No.:
FL 3060 BHV	cpl. with blow construction + descending air current chimney + heating, 300 x 60 cm ironing surface, double function floor-board	3.3060 BHV
	Extra Timer T	485.400.TLB
	Extra Abwindkamine	3.3060 BCHV
	Extra charge for light barrier instead of floor-board function	388.429.230 V
	Removal construction kit GA 3060	38.3060
	Retainer for Impulstronic (only by Elektronik-BE)	381.541

# COMBI LINE „PLUS“



COMBI LINE PLUS

The silent runner soaring construction can be chosen for mounting:

- on the wall
- on the ceiling with 1 launching tube
- on the ceiling with 2 launching tubes
- on the COMBI LINE with 1 launching tube + 2 ball-bearing pulling off holders for tapes



COMBI LINE 2665 -NEU!

Additionally this working place can be completed with an pulling off basket (s.S.8) or an „end cutter“, an electric cutting out machine with rifling rod which is easy to be moved on a rail.

**SOARING CONSTRUCTION**

A soaring construction for the gliding of the iron was constructed so that it can be fastened at the wall or the ceiling - so the CL-place can be achieved from all sides.



Until now there were only curtain sucking off ironing stations - but often we were confronted with the argument that the space was not enough for a cutting out and a curtain sucking off ironing station, as both devices need large space.

The problem was and is, that on tables only for cutting out the dampness, produced by the steam output, not just leads to stains on the cloth but also the required result of ironing is simply not achieved. Because of this we developed combined ironing stations which correspond to the following criterias:

The principle idea that the table surface has to be sloping by ironing for reaching the edge at the back has to be forgotten. A combined working place has always to be horizontal.

#### STARTER PACKAGE

Especially for small companies a modular concept was developed, which has the form of an empty case of a sucking off, ironing station, so that all drillings and threads of the sucking off unit and the floor-board are all ready available. This entrance version

without sucking off is called „starter package“ and of course is at the disposal of a stainless ironing surface and an integrated table heating in the front area, adjustable 30-110°C as all machines of IMPULSA. For your security you obtain a guarantee of three years for the heating.

COMBI LINE with integrated sucking-off device.

As completion to the upper section there is the COMBI LINE with an up to 165°C heat resistant S-POR padding and cold sucking off.

Cutting out tables for extending COMBI LINE On page 8 we have described in details our cutting out tables Art.No.: 601.300

A perfect working place with narrow space conditions can be designed in this way: at one side there is the ironing surface and the whole working surface is completed by a cutting out table adapted in height and size so that the assembly „CL Plus“ has got a perfect width for rolling out lengths of material.

COMBI LINE	Equipment	Art.No.:
CL 2260 starter package	Working surface ca. 220 x 60 cm	31.2260
CL 2665 starter package	265 X 65 cm	31.2665
CL 3360 starter package	Working surface ca. 330 x 60 cm	31.3360
CL 2770 starter package	Working surface ca. 270 x 75 cm	31.2770
	Starter package equipped with a table heating 30-110°C, S-POR padding, stainless ironing surface and Polyfitcover, modular concept system prepared for a supplementary vacuum. 230 V AC, 2000 W height 92 cm.	
CL 1660	Vacuum surface ca. 160 x 60 cm	30.1660
CL 2260	Vacuum surface ca. 220 x 60 cm	30.2260
CL 2665	Vacuum surface ca. 265 x 65 cm	30.2665
CL 3360	Vacuum surface ca. 330 x 60 cm	30.3360
CL 2770	Vacuum surface ca. 270 x 75 cm	30.2770
CL 3010	Vacuum surface ca. 300 x 100 cm	30.3010 *
CL 2813	Vacuum surface ca. 280 x 130 cm	30.2813 *
	with S-POR padding and Polyfitcover - 230 V AC, 740W, height app.92 cm.	
CL 2665	CL 2665 ca. 260 x 65 cm cpl. with suspension and iron lifter and 1 coated low noise tube	30.2665
	ditto with 2 coated low noise tubes.	31.2665.11
	clothtray	31.2770.2
Accessories:	Set heating 30-110°C for 30.1660/2260/2770/3360/2665/3010/2813	390.400.1750
	Mounting second pedal on the opposite	30.806.1
	Construction kit soaring device with ceiling hang up 1 launching tube, 3 m wide with trolley for iron, tube, and iron lifter, please indicate height of ceiling.	30.800.5
	ditto, construction kit soaring device with 2 launching tubes, 2 iron lifter and trolleys for 2 irons.	30.807
	Suspension for the iron with iron lifter, trolleys for iron and the hose, 2 roll holders for tapes on the left.	31.2260.1
		31.2770.1
		31.3360.1
	Cloth pouch in the front - adjustable	31.2260.2-31.2665.2 - 31.2770.2 - 31.3360.2
	Pulling off dispenser - cradle	388.623
	Electric end cutter 100	61.3220 A
	Fast adjustment for sloping cuts	601.3020 S
	Self-adhesive measure tape	688.520RL
	CUTTING TABLE	601.300 B
	darkblue each sqm	

the idea was born

we presented this machine with a motor driven fabric conveyor

50% time-saving supplies the „ironing miracle“

the construction with fabric conveyor transport system received a patent

Now it's time for you to buy!

WITH MOTOR DRIVEN FABRIC CONVEYOR  
An indispensable device for the interior decorator as well as the industry.

That is the idea, which solves an old ironing problem. Not born at the green table - but developed by experts by using their experiences collected in practice. A time-saving procedure, that offers you economic profit.

WITH MOTOR DRIVEN FABRIC FEED

The problem:

Ironing of curtains and difficile cloths: Your clients become more demanding and want a high-quality window decoration. This is only possible with well ironed curtains. You know the problems connected to this: Where to put the amount of cloth? Where to put the ironed parts without crumbling them again? Continuously a second person is needed for pulling the lengths of cloth onwards over the ironing table. All in all a time-consuming business that you can't avoid.

Didn't you ask yourself if there is a better solution?  
The solution: Ironing table GA 3000 Motomat with a motorised cloth feed. The ironing table with the motorised cloth feed creates the best conditions for more rational and faster ironing.

It can be easily handled by one person.

The basic method:

The technical solution is simple and clear: a movable ironing surface, which runs like a feeding tape over two rollers, can be moved with an electric motor. It moves the fabrics always one by one ironing width.

It can't really be done more simple!

Another useful advantage:

The Impulsa GA 3000 Motomat can be put to the wall and therefore is space-saving. Two IMPULSA-vacuum units ensure the perfect iron effect with the thermostatic controlled table heating. Curtain vacuum ironing station GA 3000 Motomat in complete equipment: Cloth rallying hollows at the front and back, motoric cloth feed forwards and backwards, strong sucking off is operated like the cloth feed by the light barrier, soaring construction with silent truck, complete sucking off top and coverings. Spezial Alu alloy construction - means stainless. Exhaust air filter in quantity, light barrier instead of floor-board for the using of the vacuum, descending air current chimney with air filter if requested. Timer for automatic vacuum after the steam ironing saves time and optimates the result - one can choose to adjust it during or after the ironing. Back feed for easy folding together of the fabrics.

Technical datas:

Total length:	2950 mm (3250 mm) (3550 mm)
Total depth:	900 mm
Height of table:	860 mm
Width of ironing surface:	2700 mm (3000 mm) (3300 mm)
Length of cloth:	as requested



With motor driven fabric transport  
 An indispensable device for the interior decorator.  
 That is the idea which solves an old ironing problem.

The cloth hollow at the front:

The crumbled cloth is put in the folding cloth hollow at the front. It has a considerable capacity and can store large amounts of cloth. Therefore the cloth is well-stored and can't get dirty.

The cloth hollow at the back:

The cloth moves over the ironing surface and then runs automatically into the cloth hollow at the back. The cloth folds itself decent together and doesn't crumble anymore. If the cloth is ironed it can be collected for putting together

ALL DONE BY ONE PERSON!

The operation:

Simple and comfortable you can control the backwards and forwards movements by light barrier as well as by the sucking off construction by foot. And time is money! - especially by ironing curtains. You can employ your staff more exact, work more rational and you become really more competitive!

- Put in cloth at the front
- short moving
- Iron and suck off curtain on the ironing surface
- moving on
- ironing off and so on
- if curtain is ironed off, moved back, scooped and put together, finished!

Type	Equipment	Art.No.:
MOTOMAT	GA 3000, cpl. with soaring construction, motoric cloth feed, sucking off tub, 2 sucking off unites, sloping table surface 270 x 70 cm, ironing surface 270 x 50 cm, soaring construction with balancer 2 cloth rallying hollows backwards and forwards, table heating	30.020
		30.020C
	3 years of heating guarantee, 380 V, 2000 W.	30.024
	GA 3000 with ironing surface 300 x 50 cm.	30.024 C
	dito, with descending air current chimney	30.026
	GA 3000 B dito, with additional blow construction	30.026 C
	dito, with descending air current chimney.	30.033 C
GA 3033 MOTOMAT new in 330 cm with vacuum	30.033	

NEU!



# VULCAN

## STEAM PRODUCER MADE OF STAINLESS STEEL

Of course are such revolating constructions not developed in one day. After a long period of development we been the pioneer nearly 50 years ago in making the first long-lived stainless boilers and pushing a TÜV epertise because at that time - there was no regulation and law for stainless steam boilers available. Totally automatic working - Impulsa VULCAN. The most economic on the market! If you're searching for such a generator, you been to the right place by adressing to us.

We are making the most energy saving boiler in the market - to most of the competitors we may save your energy bill almost 60% ! We may explain you the secret. Electronically the water filling-in is steered, costly by using 2 electrodes for your security and for a long life of the heating. This is valid for the version with direct connection to the water pipe as well as for the one with the additionally delivered water supply container. The boiler is horizontal and not vertical as all our competitors doing >> much bigger water surface - more steam volume - less energy consumption. All devices from 4 bar on should be equipped with a large motor-driven pump and a thermo protection. Proofed by „TÜV“ and not in the duty of supervision. Beside the electronic all devices are at the disposal of a double control. Pressostat and Thermocontrolthis is seldom but ensures low costs of maintenance.

Stable steampressure - pressure is controlled with a switching adjustment +/- 0,2 bar.  
 Large opening for the fill-in of the de-liming.  
 Outlet for the de-liming. The fill-in assembly with solenoid valve and nonreturn valve.  
 Simple using - no installation.  
 Steam pressure: 3 - 10 bar available. The use of distilled water is not necessary. The kettle made of stainless steel can comfortable be deslimed and a 2-monthly desliming can easily be done by using the large fill-in hopper. Position of the water is optically shown - display by using control diodes. A panoramatic isolation wastes no energy.  
 The heating up period is quoted at 8 to 12 min.  
 The lifespan is sufficiently provided:  
 - stainless kettle  
 - stainless tubular steel heating body  
 - stainles probes for controlling the waterposition  
 Operating areas:

Curtain makers because they need more steam on long seams and wide panels, garment industry, dry cleaning, fur clothing, upholstery factories.  
 One can choose the pump system. It is set up with 4 screws as bottom stand under the corresponding steam producer.  
 1. Electric pumping system, useful for steam producers up to 4 bar  
 2. Motor-driven pumping system, useful for steam producers from 4 bar on and industrial use.

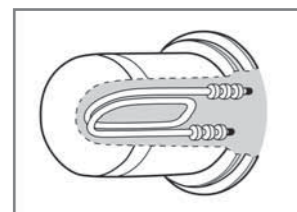
# VULCAN - lowest energy consumption



## Stainless, automatic steam producer

All internal parts of European manufacturers! CE - Manufactured totally in Germany.

VULCAN	Equipment	Art.No.:
<b>2001 E</b>	Solenoid valve with control for 1 steam outlet, direct connection to the water-pipe is possible, with a hydraulic pressure of 4,5 bar min., without pump; steam pressure 3,5-4 bar, 2,3 kW, 230 V AC Space needed: H 55 cm, W 36 cm, D 50 cm. weight: 30 kg.	<b>20.001</b>
	Lower part with integrated electric pump and a built-in 10 l water supply cont. H 25 cm, W 36 cm, D 37,5cm, weight: 5,80 kg.	<b>21.901</b>
<b>4002 E</b>	dito, 4,6 kW, 2 connections, without pump, direct connection to the water pipe is possible at a hydraulic pressure of 4 bar, with steam pressure 4 bar, 2-step-energy-saving-switchboard!! H 25 cm, W 33 cm, D 37,50 cm. 5,80 kg	<b>20.402</b>
<b>Accessories:</b>	Pump foundation for the water connection.  Pump foundations are necessary if the hydraulic pressure is not high enough or if the device works directly in the fabrication, so that no water pipes are there and it has to be worked with a seperat water supply container	<b>20.903</b>
<b>Alternativ:</b>	Foundation with integrated motor-driven pump for the connection to the water pipe or for the filling-in out of a integrated 25 l water supply-/blow of valve with foundation for VULCAN 4002. H 25 cm, W 40 cm, D 40 cm, 12,70 kg Draining container 10 liters	<b>20.902</b>  <b>289.505.2</b>
<b>Options:</b>	Water container 25 liters for motor driven pump Anti-Calcium agent Automatic electric blow of valve	<b>288.504</b> <b>29.002</b> <b>290.102</b>



All rustfree!

Central Controlling Unit.



**impulsa®**



## IMPULSA UNOMAT

This new range of products in all steel body, electrolytic galvanised und powder coated. Boiler out of stainless steel, compl. with electric pump and 10l water cont., flooding device fully automatic, 1 steam gauge, 3,3 bar.

Art.No.: 22.001

Technical Data:

Dimensions: H 80 x W 36 x D 50 cm

Weight: 31,5 + 6 kg - 2 Pieces

Connection value: 2 KW / 230 V AC

## ... DUOMAT

All steel body, electrolytic galvanised und powder coated. Boiler out of stainless steel, compl. with big electric pump and 10l water tank, flooding device fully automatic, but 2 steamjet valves, 3,3 bar.

Technical Data:

Dimensions: H: 80 x W: 36 x D: 50 cm

Weight: 31,5 + 6 kg - 2 Pieces

Connection value: 4 kW / 400 V AC

Art.No.: 22.002	WITH E-Pumpe from the water tank
Art.No.: 22.402	With motor pump for direct water line connection.

## ...STEAM BOY

The steam producer in the most compact construction form consists of a powerful small steam producer. Its performance is the same as the one of "Vulcan Junior", but is filled up with water manually by an additional hopper. The „Steam Boy“ is especially energy-saving because of a flat heater design - the only in his class - heater is also never touching the water - beside the manual model you may now choose the semi-automatic type - made in germany - 1,8 kW - 230 V AC. Water capacity 7 l (5) D: 24x40x60 cm

Art.No.: 21.201 21.201 T	Steamboy 5/7 l 230 V AC dito, table model without blow-off container
Art.No.: 21.201 MP New!	with semi-automatic filling over electric (20.2001 MP)

**impulsa®**

# NEW! STEAM GENERATOR - 2011

# ACCESSORIES

VULCAN 2011 \*Made in Germany\*

NEW - this is our regular fully automatic steam boiler with special energy-saving design as all IMPULSA boilers.

He has all characteristics of the type 20.001 with foundation 21.901. The difference is that the Vulcan 2011 is designed to be a low cost boiler with all features regarding automatic filling via pump. The water container can be removed for filling in the morning see pic.2. Despite the Vulcan and Unomat series on the new design only the heater-also made in ceramic-stainless steel-is a screw design instead of the big flange design - all the other parts we did rely on our high performance parts.

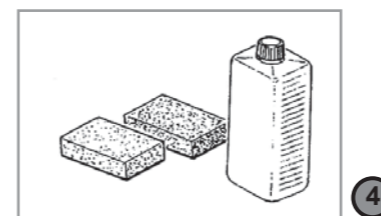
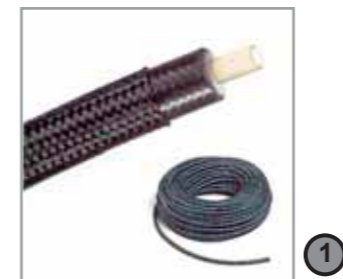
- boiler made in stainless steel - TÜV proved design.
- Automatic filling via 2-probe sensor system very reliable.
- electro pump with overheating switches
- water container 10l - easy to take on/off to refill in the morning.
- fast heating up time
- contrary to all competitors we make our boilers traditionally not vertical. Our horizontal design offers you more water surface and 60% higher energy efficiency - the result is a much lower electricy bill. This new design offers you highest steam output with the smallest energy bill - we are a step forward because of our long pioneer experience in making small selfcontained boilers. And you buy german made technology!



### Technical Data:

Connected value: 2 kW / 230 V AC  
 Boiler made of stainless steel - app.15 kg.  
 Measuring: H: 60 x W: 24 x D: 40 cm

Art.No.: 20.2011



### TEFLON FOOT

Prevents sparking by reducing the contact temperature between the iron floor and the fabric ironed. For all high sensible fabrics.

<b>Art.No.: 19.052.1</b>	für ORKAN dito 10 pieces
<b>Art.No.: 19.052.11</b>	for ORKAN II
<b>Art.No.: 19.055.1</b>	for ATOMIC 2050

### STEAM TUBE(1)

Since a long time teflon tubes are on the market - they are thought to be the best alternative by steam tubes, but by the use onto irons thea break easily. We have solved this problem. Inner skin made of teflon, elastic high heat resistant silicone coats, heathed in cloth on the outside for assuring that the heat stays inside. Protected by patent pending of.

**Art.No.: 19.019.5**

### STORAGE PLATE MADE OF SILICONE (5)

**Art.No.: 19.018**

### HOLDER (3)

**Art.No.: 19.035**

### "CLEANING SET" (4)

**Art.No.: 19.021** cleaning set for irons

### Ironing whip, strengthened (2)

**Art.No.: 19.003.1**



## Work place steam irons



NEW! STEAM IRON „ORKAN“ 2011  
Steam Iron which fits to any boiler.  
Cork handle, regulated by thermostat,  
microswitch to activate the steam next to  
the handle, basic version, sturdy, light!!

Art.No.: 10.2011

#### Technical Data:

Cpl. with cable 2,5 m 230V, 900 W, ca. 1,25 kg

Art.No.: 19.010	Electron Plug
Art.No.: 19.012	2,5 m silicon steam hose
Art.No.: 19.052.1	Teflon foot for Orkan 1
Art.No.: 19.052.11	Teflonfoot forOrkan 2011
Art.No.: 19.003.1	ironing whip, strengthened.

NEW! STEAMIRON„ATOMIC“2011E“

High pressure iron with electronic  
temperature control +/- 2°C  
SUPERLIGHT!

Extreme soft handle, integrated micro  
switch, cpl. with protection device for  
the hand against rising steam, harde  
ned ironing surface.

Art.No.: 10.2011 E    electronic steam iron 2011

#### Technical Data:

230 V, 900 W, weight ca.1,25 kg, 3,5 m	
Art.Nro.: 19.010	Electron plug
Art.No.: 19.052.11	Teflon foot with metal frame
Art.No.: 19.019	2,5 m Steam hose double isolated
Art.No.: 19.019.35	DUOSIT - dito 3,5 m
Art.No.: 19.035	bow for the soaring construction
Art.No.: 19.010	cable extension 1m



**compulsa®**

## ATOMIC 2050 - LOW TEMPERATURE IRON



- No water stain up to a tube length of 6 m on low temperature you can only find by us.
- easy to clean
- ① foamed handle, with integrated microswitch.
- ② hand protection
- ③ coated with teflon, for this reason is no teflon shoe necessary.
- ④ digital display to get indicated always the exact temperature.

**The lowest contact temperature without water stains which you may find in the market**

**compulsa®**

# ATOMIC 2050 D - low temperature ironing

BOILER - Iron up to 5 m hose length and more „NO-SPITTING“ STEAM IRON WITH LONG STEAM HOSE ONTO DECO-IRONING VACUUMSTATIONS

The steam iron is the result of further development of the well known special system „Boiler Iron“ especially for long steam hoses. The advantage of this boiler system is that it can keep about 1/8 l condensate water without losing water - this result is obtained on a very low temperature, because of the shrinking problem. Up to now there is no second who obtained that. On the opposite to the irons for garments, which are equipped with a steam hose of only about 2,2 m, the iron for curtains has to be able to hold a 4-5 m steam hose or more. Only in this way a nice working place design can be guaranteed and an energy expensive and costly bridge may be avoided.

In our option this is just possible with the boiler system. We also changed the exhaust of steam. By ironing garments, the steam exhaust is regulated on the top or by a straight line in the middle. But on hometextile-ironing, it's particularly necessary that a larger ironing surface with more steam distribution ensures more effective ironing. We may be able to work with 60% more steam about 50% faster!

Of course all parts are made of stainless materials which are getting in touch with the steam. The ironer is extremely light, is at disposal of a foamed handle with integrated micro switch. The temperature is exact because electronically controlled and extremely low for no shrinking on synthetic fabrics and non spitting

TYP	Equipment	Art.No.:
ATOMIC 2050 Digital	with IMPULSTRONIC-DIGITAL temperature control, with 5 m cable, 230 V AC, 1000 W, weight ca. 1,4 kg	10.530 D
NEU! ATOMIC 10.530	ELEKTRONIC IRON HIGH GRADE, ditto with IMPULSTRONIC without digital display	10.530
ACCESSORIES:	DUOSITT- steam tube with teflon frame cpl. with protection from creasing and wedging	19.019.5
	Electron safety plug	19.010
	TEFLON FOOT EXTRA WITH METAL FRAME	19.055.1
	HAND PROTECTION for the hand against rising steam, EXTRA LARGE	19.040
	BOW as holder for the soaring construction	19.035
	Bow as holder for the soaring construction -turnable.	19.036
	DUOSITT steam hose with break protection and clamps - 6 m Cable extension each m	19.019.6 19.021

# HIGH CUT MACHINES

## Vertical Measuring and Cutting in one working step.

Three sides are sewn, the deco/ the curtain is ironed. Now we arrive at the work cycle next to the following: CUTTING TO LENGTH at the DECO-MEASURING-DEVICE

### THE ADVANTAGES

- width is from 2-12 m deliverable on demand
- all roomheights can be used - all devices are available in every height demanded
- stability by solid and unique frame design
- setting up by yourself is possible either on the wall or free in the room -
- Recover beam up to 1 m of height Art. 30.112.... or with docking/wedging device Art. 30.112....S. additional height of nearly 2x machine height -1 m or with motorised/wedging device you may win the cutting length Art. 30.112....MS.
- high-speed lead ball-band feeding and/or high speed hemfeeding deliverable for all versions
- manual clamps are standard in series for the versions DECOTIP, DECOEXACT, DECOTRONIC, DECO-TOUCH. Pneumatic clamps with automatic closing and error correction are optional - please order „DECOMATIC“ available for each model Decotronic and Decotouch. Our design allows you to go along for clamping without pushing a switch - much more efficient than all other designs on the market.

- manual measuring device and handdriven electric cutter for the models DECOTIP + DECOEXACT and electronic display to set the measurement by typing and electrodriven cutter for all the other versions .
- Step-down measuring with stripes cutting device for the versions DECOTRONIC, DECOTOUCH. These constructions belonging to the great and innovative inventions and were built over 4000 times by us as market leaders. This provides security and longlife and therefore brings great progress to every curtain studio. All machines are sturdy and demonstrably seldom to maintain.
- „Buckram“ swiveling device on demand
- Cutting device can be installed on the floor, for using or raising the roomheight on lowest heights
- Speedmaster high-speed and
- Touchscreen control and barcode at DECOTOUCH Marking device with ultraviolet ink. Choose one of these versions and gain from the progress - the basic functions, secure exact cutting with one operation in less than 2 up to 3 minutes. Since 1946 we have set some milestones of progress.

# FUNCTION RECOVER BEAM

## THE FUNCTION:

IMPULSA DECO-measuring devices were designed for the measuring and exact cutting of smaller curtains and deco cloth. Taking the following working method as a basic, the deco measuring device is used by the next last work cycle of a complete deco. The latest working method is as follows:

### The working method:

The length of cloth is hemmed, resp. lengths of cloth are sewing together and then hemmed on the side.

After that the foot hem is sewing. For avoiding changes at the cloth measures after the ironing procedure, the deco cloth is ironed with dry steam and sucked off coldly.

The cold sucking off is called „freezing in of the ironing result“ and ensures inherent stability.

An especially well result can be achieved with the IMPULSA sucking off ironing stations. Particularly deflection free one can work the GA 3000 MOTOMAT with motorised fabric feed.

### The operational AREA:

Cutting / cutting to length, measuring and controlling all kinds of curtains.

### SOLID CONSTRUCTON:

The device can be set up on the wall, according to the solid construction setting up in the open room is also possible. A cloth wedging device, which is attached to the cutting off device with an electric knife. (This is delivered on demand)

What can I do, if the atelier-ceiling is too low?

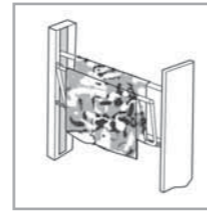
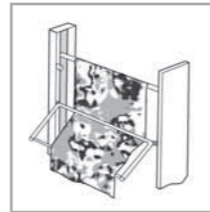
Very often the problem of low ceilings in an atelier has been neglected.

During the development of the IMPULSA Deco-measuring device we put that into account and can offer now an ideal solution.

Is the ceiling of your atelier is too low - there is the option of a recover beam to get 1 m more measuring or cuttingheight without clipping the fabric. That method is very fast and exact.

With a simple swing the fabric will be put into a Z-shape – a magnetic lock gives enough insurance for exact measuring, till 5 m deliverable.

No more complicated calculating, always 1 m more cutting-height.



Art.No.:	30.112.300
	30.112.325
	30.112.350
	30.112.400
	30.112.450
	30.112.500

Art.No.:	30.112.300 MS
	30.112.325 MS
	30.112.350 MS
	30.112.400 MS
	30.112.450 MS
	30.112.500 MS

Art.No.:	30.112.300S
	30.112.325S
	30.112.350S
	30.112.400S
	30.112.450S
	30.112.500S

# BRINGING BACK LOGS 2M CUTTING DEVICES

Recover beam – Cutting height 2 m and more

The procedure is as follows:

Run up the deco in the DMG- the recover beam 30.112S takes the fabric and clips it – the recover beam drives down Art. 30.112....MS and runs again up to the wished measure.

The recover beam 30.112.... MS takes the fabric also, runs it up itself on the wished measure, so you can cut heights of 2 m and more regularly.

à E.g. 3 m of DMG-height gives 2,5 m additional cutting height.

Art. 30.112 S

Art. 30.112 MS motor driven



## RECOVER BEAM WITH WELDING LOG

Here the fabric is put into a welding log, a lead ball band feeder or a hem high-speed feeder and runs up. Now it is possible to put the deco through the recover beam built with 2 parallel and 2 vertical standing elements from a special profile. The fabric will be carefully cramped and runned up.

## CUTTING DEVICES:

They are adapted to the DMG:

DECOEXACT standard with Art.No: 61,301

DECOTRONIC with man. cramping Art.No: 61,303

DECOSTRONIC-DECOMATIC-DECOTOUCH with pneumatic cramping at the bottom as choice with Art.No: 61.303

### NEW !

Now cutting performance twice as fast

Cutting machine  
**Art.No.: 61.303**

Cutting machine  
**Art.No.: 61.308**



WEDGING LOG  
DECOMATIC with  
pneumat. automatic cramps.



WEDGING LOG  
Standard at all DMG,  
except DECOMATIC

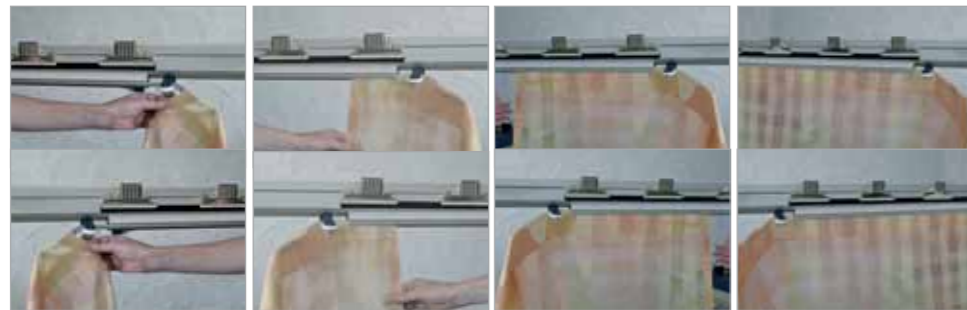


# CURTAIN LEADBALL AND SEAM FEEDING DEVICE

## HIGH-SPEED FEEDING FOR HEMS ON THE SIDE

Art.No.: 30.115. (...Width )

Similar to the lead ball-band feeding the deco can easily be put in. The hem is pushed over the round steel (only possible with hems open to the side). In the case that cramping is too troublesome - the foot hem can be left open on the side and just taking in the hem. One is limited to the width and it is not to be used for friends of the "scattered corners", but it is a remedy if it has to be done fast & simple.



Art.No.: 30.115.300  
30.115.325  
30.115.350  
30.115.375  
30.115.400  
30.115.450  
30.115.500  
30.115.600  
30.115.700  
30.115.800  
30.115.900

## Cramps with lead ball-band and hem feeding: HIGH-SPEED FEEDING FOR LEAD BALL-BANDS

Art.No.: 30.116. (...Width )

- particularly designed for stores Imagine you have a width of room of 3 m and you want to cut out to a length of 8 m of stores. Simply fold the stores together 3 times and feed the lead ball-band from the right to the left. Driving upwards to the measure - the cutting device cuts triple in all cases. Pulling out - ready!  
(on demand we provide also double lead ball-band feedings with rotation)



(OR FEEDING FROM THE LEFT SIDE)  
Art.: 30.116 L



Art.No.: 30.116.300  
30.116.320  
30.116.350  
30.116.375  
30.116.400  
30.116.450  
30.116.500  
30.116.600  
30.116.700  
30.116.800  
30.116.900

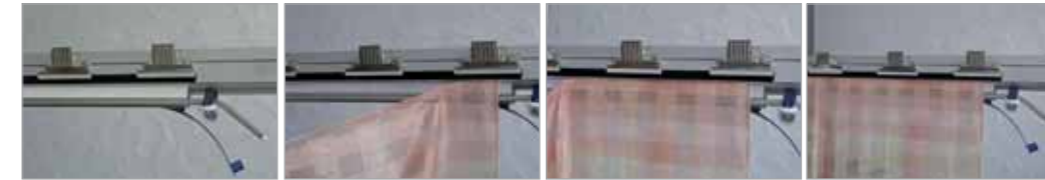
**Impulsa®**

# RAFFROLLO - MARKING DEVICE

## NEW! FIXATION FOR BURDOCK - VELCRO TAPE.

Art.No.: 30.118. (...Width of device)

On choice the dispositif of clamp fixing exists for every apparatus with fast taking in for hemming and double guide for lead tape. Also possible guide for lead tape and fixation burdock tape for the mesuring and control of entire curtains.



Art.No.: 30.118.300  
30.118.325  
30.118.350  
30.118.375  
30.118.400  
30.118.500  
30.118.600  
30.118.700

## MARKING DEVICES

1. At every clamping unit below, there is a little guide to simply mark the fabric with taylor's chalk.
2. The well-known powdering unit needs compressed air and is attached to the measuring guide.  
While cutting with the knife - at the same time there is the opportunity to mark for example a hemline.

Art.Nr.: 30.117

3. Marking device with ultraviolet ink:

You have the choice to mark by driving back the cutter unit automatically and mark the lines.

You may use the same program and facilities like for the cutter - you may mark one line for hemming purpose or use the stripe setting(cutting) program to mark line by line.

With DECOTRONIC and DECOTOUCH with the program 'measuring down' you can make several stripes after each other. You just put the measurement once into the display, the machine marks line for line..

That saves a lot of money

It is possible to clamp Roman blinds horizontally and mark fast and comfortable as well.

Art.No.: 61.306 - 61.306.1

To protect the fabric with special IMPULSA-TOUCH-TECHNIQUE. Adjustable for the daintiest fabrics.

These units need compressed air. If you don't have the opportunity, there are very small and low noise mini-compressor-units. Ask us!

**Impulsa®**

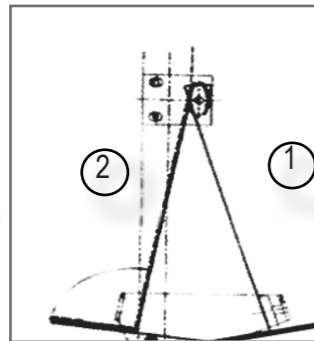
# DECO-SPECIAL EQUIPMENT

# DECOTIP - NEW in 2011 - chargeable cutter driven by handwheel

American "BUCKRAM" tape -  
Manufacturing of the Flemish fold:

Here we offer also a rational solution:  
30.118 "BUCKRAM" swiveling construction for the hem folding with pulling-off hanger for the BUCKRAM tape. The construction can easily be swivelled away by a magnetic holder. We recommend a pedestal of 80 cm for this operation, for getting the right working height. For further information of this manufacturing ask our expert - as well as for "crash"- cloths!

Especially for lined decos we guarantee easiest manufacturing:  
After the pre-cutting & sewing together of the length of cloth the foot hems of the lining and of the deco as sewn. After the ironing it is right and rational to cut already out to length.  
As the upper cloth is a bit longer than the lining our new double hem tape feeding device rationalizes the procedure or double cramping device. Ask our expert! Exact cuts in only one cutting



For inserting the BUCKRAM-Tape  
Pos. 1 of the turning device for cutting off the deco.

Or: Model 3.108.620  
with integrated 2 needle and 4 thread sewing head for fixing the BUCKRAM tape after the cutting.

Linings: operation, as the upper cloth and the lining are cut out to length together.

STEAM LOGS:  
Available as additional option with the DECOTOUCH - for the boiling down of placing folds before cutting - for particularly high manufacturing - only obtainable with us with a minimal power consumption of for example 4 kW of steam consumption!

SETTING UP AND MOUNTING:  
All constructions are deliverable custom-built. The width is variable in a 10 cm raster, the height infinitely variable.  
If you request special sizes we ask you to indicate the available height of the studio as well as the demanded device using width. The device will be delivered in pre-mounted units for self-mounting or mounted and introduced by our own service technician in Germany and abroad. Simultaneous opening. One pull and 5 clamps are opening at once  
Loss of cutting width Width of the device minus 25 cm = interior measuring between the beams

GB = Width of the device  
KB = Wedging log  
BB = lead ball band feeder  
SB = hem high-speed feeder  
With KB: GB - 50cm = cutting width  
with BB: GB - 60cm = cutting width collection from the left collection from the right - 70 cm  
With SB: GB - 60 cm = cutting width collection from the left collection from the right - 70 cm  
Loss of height  
Design related: Height of the device minus 35 cm is the cutting height minus a socket eventually



## THE BASIC VERSION: DECOTIP

The manual measuring tape is synchronized and shows the measuring constantly & clearly by a sight glass. The operator let the button go as the desired measure is achieved.  
The fine correction is done by tapping the feeder by which the cramp log is corrected to the desired measure.  
Height of apparatus can be changed on demand.  
You receive the machine with a rechargeable cutter - driven by hand-wheel.  
After this work cycle only the ready height measuring, with consideration of the tape head, and the sewing in of the head tape has to be done.  
Now the deco with bottom hem is wedged into the cramps of the IMPULSA deco-measuring-device exactly to the L-front lay gauge. The device shown above replace the hand driven apparatus, because at almost the same price motor driven up/ down motion is now feasible.



TYP	DESCRIPTON	Art.Nr.:
INSPECTOR	standard width 325 cm - motor driven up / down - 230 V AC - rotating measuring band on the right beam with window - vertical beam below - Device height up to 300 cm with no overcost	30.101.325
DECOTIP	dito. with clamping device below, marking angle, chargeable handwheel driven cutter, width 3,25 m and any height up to 3 m without extra charge.	30.102.325 30.102.300
	add. height between 300 - 400 cm	3.110
	add. width every 10 cm / less width every 10 cm	3.111
	lead ball feeding device from the right - additional feeder from the left	30.116... 30.116 L
	velcro tape attachment for panel curtains	30.118...
	socket optional up to ... cm	30.114

DESCRIPTION:	Art.No.:
Standard width 325 cm - motor driven up/down - 230 V AC rotating measure band on the right beam with window Device height up to 300 cm with no overcost . With clamping device below, marking angle, electric driven cutter with crank handle, sharpening device, cable carrier device. Measuring between wedging log with attachment and blade, solid construction	30.103.325 30.103.300
Options : add. height between 300-400 cm 400-500 cm 500-600 cm add. width every 10 cm / less width every 10 cm	3.110 3.110.1 3.110.2 3.111
recover beam 1 m, pivoted with magnetic holder	30.112.300 / 30.112.325 30.112.350 / 30.112.400 30.112.450 / 30.112.500
feeding or unloading from the left side	30.116... 30.116 L
velcro tape attachment for panel curtains	30.118...
stand/socket optional up to 25 cm	30.114
recover beam with clamping device – docking system-	30.112.300S / 30.112.325 S 30.112.350S / 30.112.400S
recover beam with clamping device and self propulsion	30.112.300 MS / 30.112.325 MS 30.112.350 MS / 30.112.400 MS 30.112.450 MS / 30.112.500 MS
lead ball feeding device from right to left turning back to right -	30.116.D
hem feeder	30.115...
hem feeder, double for lining material	30.115 D
powder spray device for connections to compressed air	30.117
marking pen	5.2500.M0001
marking pen pneumatic with UV	61.306
reserve blade for cutter 61.301	61.301.2
Setup and instruction with appointing 1 helping person. The complete DMG for the ordinary handcraft business will be designed at will. Our most sold versions are: 30.103.325 - 30.116.325 - 30.118.325 - (30.112.325)	



With recover beam 30.112.325

Without recover beam



Description	Art.No.:
- standard width 325 cm with automatically up/down	30.104.325
cutting device, sharpening device, cable carrier device	
addition of small heads, cutting of stripes	
wedging log with stopper, clamping device with stopper, decotronic digital	
230 V AC	
spare knife with Mehrbogen 61.303	61.303.2
spare knife round	61.303.22
-add. width every 10 cm	3.111
-add. height between 300 – 400 cm > 400 cm	3.110 3.110.1
-recover beam for 1 m add. measuring height without clamping up to 5 m	30.112.....
hem high-speed feeder	30.115.....
double-feeder for linings	30.115 D
lead ball band feeder	30.116.....
powdering device for compressed air	30.117
velcro tape feeder	30.118.....
marking device pneumat. cutter drives back marking pen drives forward to the fabric marking pen UV	61.306.1
stand (below) up to 35 cm	30.114

## DECOTRONIC DIGITAL 30.104

- a development of the many years reliable DECOEXACT. Here you are only typing the ready measure of the deco into the display. Immediately you have the measure easy visible on the display. By pressing a button the deco goes up motordriven on the wished measurement. Consideration of the adding of small heads will be calculated by the machine itself. That saves time and prevents mistakes.

The deco is held by the wedging log below. On pressing the button the cutter 61.303 with vicia opposition blade technique and autom. sharpener drives through the fabric. The cutting of the fabric is exact and fast from left to right. The extraction of the deco is very easy.

Seven different additions can be programmed before and recalled.

Program 'below measurement' for cutting stripes and marking of parallel ultraviolet lines for exact and easy producing of roman blinds.

### THE MOST SOLD ELECTRONIC DEVICE WITH PATENTED ADDITION OF SMALL HEADS

DECOTRONIC cpl. with steering, digital display, manual cramping log, motor drive for up and down movements, motorised cutter run, patented program for addition of small heads, lower wedging log up to 5 m mechanically closing.



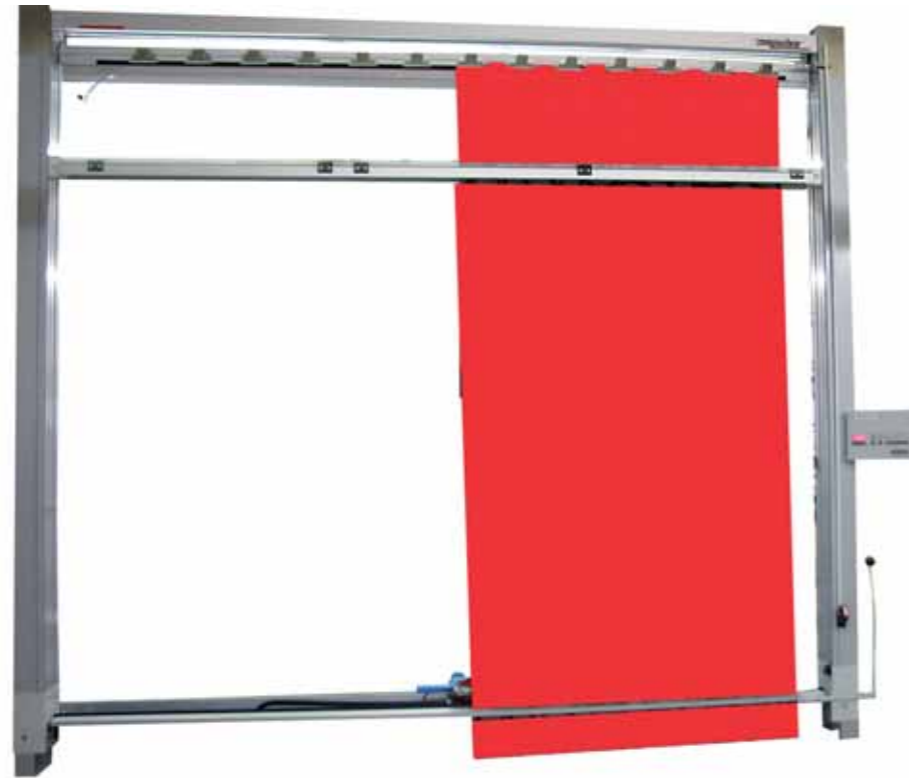
Cutting procedure

**NEW !**  
Twice as fast!

Already in  
the basic  
equipment included



## DECOTRONIC S - MS



## DECOTRONIC XY - MEASURING - CUTTING – MARKING

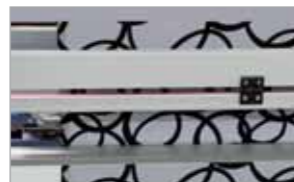
40 Years of IMPULSA „DMG’s“ and now another break through:  
Marking in X and Y direction  
Measuring - pendulous in one step.  
Cutting - all in one machine: DECOTRONIC

- Former procedure:  
marking of lines for roman blinds etc. by hand - ironing tapes with expensive iron-on-bands + than additional sewing for safety reasons.

- Now you may change to a time saving procedure as following:

2 sides are already sewn-then you may clamp the piece in the DECOTRONIC.  
Insert the distance of the lines into the display (once) and press start:  
now the marking unit drives in horizontal direction and vertical direction and mark with ultraviolet ink the tensioned fabric.  
(There are inks disappearing after 4 hours or after 4 days available).

Now you may easily sew preferably with a 2-needle sewing machine with tape guiding device and UV-lamp assisted simply the tape on the fabric.  
So you are able to make as well as roman blinds, rollos and other articles  
easy and fast.  
Art.No.: 30.105...XY



Pic. 1 + 2: Recover beam to get additional cutting height of 2 and more m pending on the machine height.

Cutter with big diameter 100mm - vidia counterblade and sharpening device.

Display „Decotronic“

## DECOTRONIC 30.105.... wider machines may have an airoperated clamp

Equipment:	Art.No.:
Standard width 400 cm - motorized vertical movement - 230 V AC - measuring tape on the right frame with small window - for control - Machine height up to 300 cm without additional costs. With clamping device at the bottom, marking rail, electric knife 61.308 – double sharpening device, because working without opposite blade cable transporter: pneumatic clamping beam at the bottom, optional with or without xy-marking device, in 2. level before the hanging textile level.	30.105.400 XY
Additional height 300 – 400 cm	3.110
Additional height 400 – 500 cm	3.110.1
Additional height 500 – 600 cm	3.110.2
Additional width, each 10 cm plus or minus (up to 7,25 m)	3.111
Pedestal up to ... cm	30.114...
Seam loading device	30.115....
Leadball loading device from left (please tell if you wish from right) Additional / Fedder on the left side.	30.116.... 30.116 L
lead ball feeding device from right to left turning back to right -	30.116 D
Velcro loading device	30.118....
Seam loading device, double, for textiles with lining	30.115 D
Marking pen	5.2500M0001
Spare part knife for cutting device 61.308	61.307.22
Erection and training, with a helping person from your side The complete vertical cutting machine can be made to your wishes. The bestsellers are: 30.105.400 - 30.115.400 - 30.116.400 - 30.118.400 - 3.110 - 30.120.400	

## DECOTRONIC XY - MEASURING – CUTTING – MARKING

The marking device is positioned at the right side over the middle of an eventual sewn on tape or at an individual position.



Afterwards the further positions are calculated, for example 3 roman blind tapes, and the machine goes automatically to these positions and marks them in these dimensions X and Y.



Start of middle marking at the bottom



End of middle marking at the top



Start of left side marking at the bottom



End of left side marking at the top



# DECOTOUCH with Touchscreen

Here you experience the latest kind of a decomeasuring + cutting to length device on the basis of the DECOTRONIC which was the only device on the market in 2003 on PC-basis & with „TOUCHSCREEN“ The advantages are obvious - there is a high operating comfort additionally to the actual standard - later further developments can mostly be programmed easily by us - with the client they are stroken up on the PC - by this the control range may change - no problem with a “touch screen surface” -the surface is adaptable to changes. An integrated service program makes it easier for the operator to realize where the problems are - all electronic components are recorded - a

diagnostic system which yet is only known for cars. Of course is this product equipped with fully developed techniques - the measurement may control theirselves constantly in the background while your work and therefore guarantee the highest exactness. Other additional features like cutting stripes, automatic sliding function, addition of small heads are naturally included. These constructions are built in a 10m raster according to your requirements. The company sets another standard after 30 years of pioneering work until it became market leader with more than 2.300 unities of devices sold worldwide. Because of high developing costs imitations are not expected.



Equipment:	Art.No.:
DECOTOUCH width of device 6 m	30.107.600
extra charge per further 10 cm/ discount for smaller width	3.111
extra charge for supp. height 300 -400 cm	3.110
extra charge for supp. height 400 -600 cm	3.110.1 / .2
stand-socket 30 cm - or other sizes	30.114....
hem high-speed feeding	30.115.600
Bleibandeinzug	30.116.600
leadball feeding from right to left and turning back to right	30.116....D
Velcro loading device	30.118.600
SPEEDMASTER	3.117
Remote control with Webcam	3.600.CHECK
MS - PC - Licence	388.425.MS
Marking pen VE=10	5.2500M0001
MARKING DEVICE XY	30.119.....XY
Airoperated clamps - Model DECOMATIC .....you may combine nearly everything..... Just ask one of our consultants..	

# DECOTOUCH with Barcode



The „DECOTOUCH“ may be delivered with BARCODE construction if requested - avoiding input mistakes  
 - control the cutting directly from the office or by reading into your studio orders - savely with barcode:  
 - as in the grocery store.  
 - patented addition of small heads



A further development been already in the eighty's real automatic closing clamps on the top clamp bar. These clamps are closing automatically by walking along and offering the curtain to the machine without asking the operator always to push a button on each clamp. The operator does have both hands free to clamp exact and fast. The push button on our machine next to the clamp offers you only a possibility to do a correction if necessary. On all other machines on the market it does have the purpose to operate the clamp in a time consuming way as maual clamps! Declamping is also automatically - either all clamps opening at once or you may go along and the clamps are opening clamp by clamp - speed can be adjustaed. You may order DECOMATIC for the models Decotronic and Decotouch.



## WORKING METHOD:

### The fastest way to cut curtains vertical!

After the lenghts of cloth are sewn together, hemmed at the side and supplied with the foot hem, the cloth is put on the DECOCUT construction running from the right to the left. Instead of manual resp. pneumatical supported wedging in the decoration lying on the left, depot is simply put in with the foot hem.

To never-ending feeding tapes, soft emulsified grasp the decoration and feed it upwards. During the running through of the hanging cloth the infinitely in height adjustable knives cutting automatically ther hem to the exact cutting to length measurements. The knife steering is the reliable component DECOTRONIK Digital Microprocessor.

On the right side the deco runs directly to the sewing place without time consuming handling, where the sewing in of the head tape is done, while the next decoration is already emulsified on the left.

The time saving is huge, as the machine needs just as less time as the straight afterwards sewing of the tapes.

Type	Equipment	Art.No.:
DECOMATIC	Fits for all devices Decotronic + Decotouch	390.306.07



Pict.: DECOCUT Art.Nr.: 3.600

Electro-motoric measuring and cutting out of length construction IMPULSA sets new standards with the DECOCUT as an optimal designed cutting device for wholesale studios.

Typ	Description	Art.No.:
DECOCUT	Elektro-motoric measuring-and cutting device for industrial work of decos of any width und height until ..... cm Space: B 850 x T 50 x H .... cm, 230 V AC Automatic transport of the deco through 2 endless transport tapes from the left working platform, the measurement occurs, while the deco runs hung through the machine stepless regulated cutting device, electronic blade control through digital input on display.	3.600....
ZUBEHÖR	Spare blade	61.302.2
	Remote Service Control MS - PC - License	388.425.MS



1



2



3



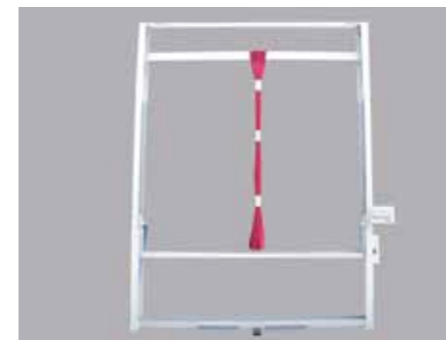
5



6



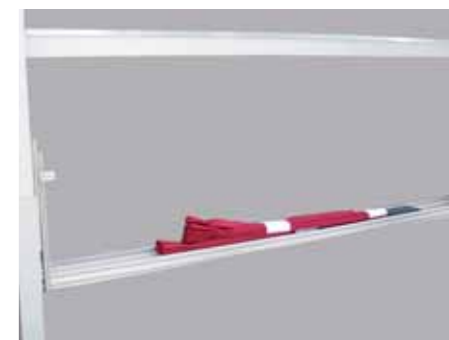
7



9



10



11



Eyeletts made of metal - A-NORM!

NEW DEVELOPMENT!

Deco-eyeletts made of metal

Fixing tapes

Piercing steel

Stamping tool

Eyelett punches/ pressings

Handicraft tools

**NEW DEVELOPPED:**

these new eyeletts are developed in a special brass alloy which are better formable.

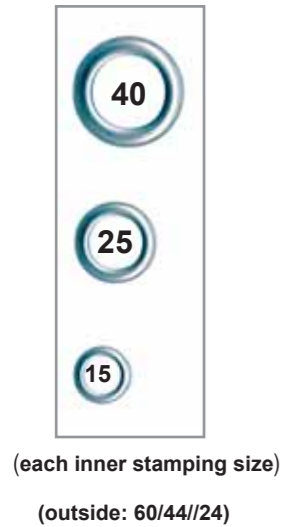
Because of a transparent covering - we avoid an „oxidation“(exception brass nature .12)

- easy to form and punch because of special alloy.
- better to form, because of shorter shaft
- transparent covering
- well done eyeletts

Also the tools been optimised - less energy consumption when punching. The deforming is also much better, the rings are forming and reversing much easier, - 'holding points' on the backside are not necessary any more - only on fine fabrics you may use a plastic ring inside.

Colour	Art.No.: Ø 15	Art.No.: Ø 25	Art.No.: Ø 40
Nickel dull (A)	688.915.17	688.925.17	688.940.17
Chromenickle satin shiny (B)	688.915.14	688.925.14	688.940.14
Gun (C)	688.915.21	688.925.21	688.940.21
Black nickle (D)	688.915.20	688.925.20	688.940.20
Antique brass (E)	688.915.18	688.925.18	688.940.18
Natural brass not varnished (F)	688.915.12	688.925.12	688.940.12
Natural brass transparent varnished (G)	688.915.13	688.925.13	688.940.13
Polished goldenbrass tran.varnished (H)	688.915.13+	688.925.13+	688.940.13+
Tool for Eyeletts punches	688.815	688.825	688.840

# NEW ! METAL EYELETTS A-NORM



# NEW! METAL EYELETTS - XXL NEW!



Metal Eyelets - XXL:  
With our new XXL-Eyeletts you may have the right rings for big curtain poles.  
We make it easier to punch these eyeletts by using better materials with the right tools.



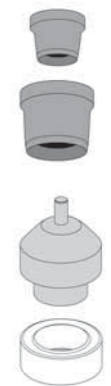
Color:	Art.No.: Ø 40
Chromenickle satin shiny(B)	689.940.14
Natural brass transparent varnished (G)	689.940.13
	Art.Nr.: Ø 50
Chromenickel shiny (B)	689.950.14
Natural brass transp.(G)	689.950.13
Natural brass standard	689.950.12
	Art.Nr.: Ø 70
Chromenickel shiny (B)	689.970.14
Natural brass t.varn.(G)	689.970.13
Natural brass standard	689.970.12

ROUND PIERCING STEEL  
to punch cloth

Art.No.: / A-NORM	for mm
6.343.750	50
6.343.753	53
6.343.766	66
6.343.770	70

STAMPING TOOL

Art.No.: / A-NORM	for mm
689.850	50
689.866	66



# METAL RINGS (eyeletts) DIN - NORM

# EYELETTS

Punching diameter of the tools = internal diameter of the eyeletts.

Metal eyeletts in different sizes and colours:

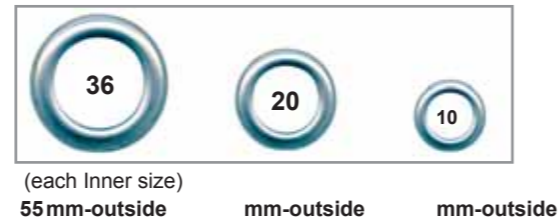
Art.No.:	VE	kg	Ø / di in mm	H in mm
681.910.13	Brass	1000	20 / 10	6,0
681.912.13		1000	24 / 12	7,8
681.916.13		500	30 / 16	8,8
681.920.13		500	36 / 20	9,4
681.925.13		200	44 / 25	11,3
681.936.13		100	60 / 36	13,1
681.940.13		100	62 / 40	13,0
681.910.14	Brass, nickel- elected, rustfree	1000	20 / 10	6,0
681.912.14		1000	24 / 12	7,8
681.916.14		500	30 / 16	8,8
681.920.14		500	36 / 20	9,4
681.925.14		200	44 / 25	11,3
681.936.14		100	60 / 36	13,1
681.940.14		100	62 / 40	13,0

Pad plate of plastic:

6.343.742.10	10 mm
6.343.742.16	16 mm
6.343.742.20	20 mm
6.343.742.25	25 mm
6.343.742.36	36 mm
6.343.742.40	40 mm



di = diameter of hole for metal eyeletts



(each Inner size)  
55 mm-outside      mm-outside      mm-outside



Brass  
681 ..... 13



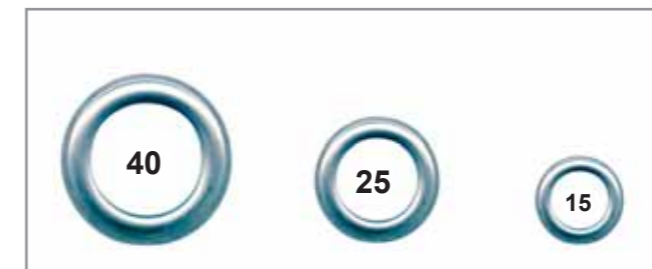
brass  
chromenick-  
led satin  
rustfree  
681 ... 14

The requirements of eyeletts in the decoration increased in the last years, for the application of rope tension garnitures or style garnitures. Because of the decorative look and the continuously increasing of the offers of eyeletts it is necessary for every manufacturer of this decoration variation, to think about the working method.

How are eyeletts measured?

To avoid misunderstandings, at the indication always the diameter of the punching hole and the internal diameter of the eyelett is written in brackets, so that you can easily and faultless determine the diameter of the pole of the rope.

How many eyeletts should be taken per width of deco?



(each Inner size)

62 mm-outside (40 mm) hole      44 mm-outside (25 mm) hole      29 mm-outside (15 mm) hole

Per width of deco an even quantity of eyeletts is required. The first and last ring should have a distance to the side edge of 3 cm. Small ring diameters for ropes and curtain poles, medium and large diameter for style ropes. The depths of the folds are depending on the ring distances.

Please consider a cuff on the upper edge of the deco width: the height depends on the chosen fixing tape. The most popular stripes are 100 mm wide, other widths are available on demand. The addition at the upper edge is calculated as follows:

2 x width of fixing tape = addition,  
eg: 2 x 100 = 200 mm.

This is also valid for transparent „BUCKRAM“, or fleece lines ironable fixing tapes. Decorative eyeletts are available in different materials, sizes and colours: Metal eyeletts in brass and chromnickled, gun, copper, black/stainless in all sizes from 8 - 40 mm internal diameter. Who wants it a bit more coloured can order plastic eyeletts of minimum 100 pcs. or at orders of minimum 500 pieces we offer colourly emulsified eyeletts. Which eyeletts are the mostly used ones? The preferred eyeletts are with 15, 25 and 40 mm hole diameter. These sizes are normally in stock and deliverable short-termed.



## QUICK CHANGER



## ROUND PIERCING STEEL

to punch holes in the cloth • from 8 bis 70 mm for A-norm and DIN Eyeletts.

Art.No.: / A-NORM	in mm
6.343.715	15
6.343.725	25
6.343.740	40
6.343.750	50
6.343.770	70



Art.No.: / DIN	DIN	in mm
6.343.710	DIN 2	10
6.343.712	DIN 4	12
6.343.716	DIN 8	16
6.343.720	DIN 10	20
6.343.725	DIN 12	25
6.343.736	DIN 36	36
6.343.740	DIN 40	40

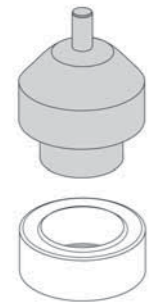
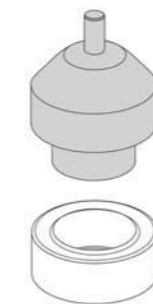
## Punching pad



Art.No.: 6.343.789

A-Norm • for 15 until 70 mm

Art.No.:	in mm
688.815	15
688.825	25
688.840	40
688.850	50
688.870	70



NEW! THE PUNCHING TOOL WITH A SPRING ASSISTED CENTERING SYSTEM

**ART.: 690.840**

This new development does allow a faster working because it holds the eyelett much better in the center.

Art.No.:	DIN	in mm
6.343.810	DIN 2	10
6.343.812	DIN 4	12
6.343.816	DIN 8	16
6.343.820	DIN 10	20
6.343.825	DIN 12	25
6.343.836	DIN 36	36
6.343.840	DIN 40	40



Art.No.: 6.343.999

Art.No.: 6.353.999

ditto, with accessories package



Art.No.: 590.351



RANGE SPACER for all our eyelett punching machines with spacer (A)  
Adjustable from hole to hole and to the tap edge.  
You may only draw the first hole.

Art.No.: 590.350

TOGGLE-JOINT EYELETT PUNCH for all eyeletts with simple microadjustment by hand cranks. High compressive force for punching and pressing to manufacture all common loops up to 40 mm, cpl. with key & hand crank for adjustment.



Art.No.: 6.363

## Punch with accessories package:

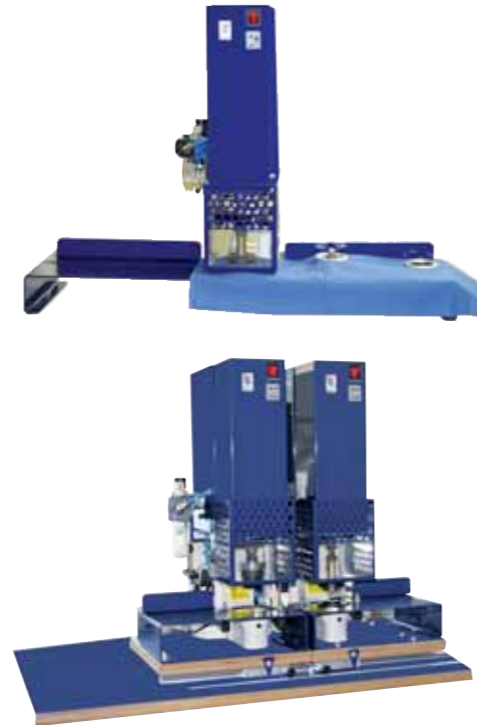
Punch with piercing steel integration, 2 piercing steels as requested sizes either 15, 25 or 40mm, punch pad and range spacer with measuring/ high-speed adjustment

Art.No.: 6.363.9

## Airoperated Eyeletts punching machine

Ready for connection to compressed air, all previously described tools may be used here, too.

1. Punching the holes from 8-50mm (until 70mm).  
The regular quickchanger allows holes from 8-50mm.  
Just change the cutter in seconds - no need to adjust.  
Use the distance ranger which allows you to mark only the first hole - the first hole will be placed on a space ranger which shows you the 2nd hole and so on.  
An additional laser point is available to show the center. **Art.No.: 5.355**
2. Punching the rings / eyeletts - just place the bottom part of the punching tools 681.808 - 689.850 on the machine and fix the top part with one screw - that's all.
3. On request we offer a twin head machine - you make first one hole - place it on the space ranger and after when you punch an eyelett you will have your next hole already. **Art.No.: 5.355 TWIN**
4. Just cut 4 or 8 holes in one!  
4-head punching machine - adjustable from hole to hole  
air-operated - new triple security frame - punches 4 holes on a single ply - or 8 holes on a double plied curtain in one operation - including a min. adjusting from hole to hole of 16cm>max.25cm-and a top edge guidance.  
Any holes from 8-50mm possible by easy changing on the quick chan

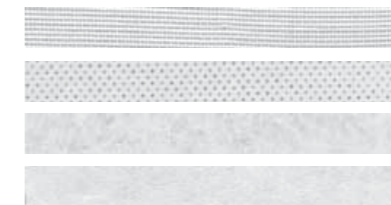


<b>Art.No.: 581.500.P</b>	laser light
<b>Art.No.: 6.343.788</b>	quick changer 10-40
<b>Art.No.: 6.343.788XXL</b>	quick changer 50-70 mm
<b>Art.No.: 88.808-870</b>	punching tools from 8-70 mm
<b>Art.No.: 6.343.708-770</b>	cutting tools from 8-70 mm
<b>Art.No.: 5.355</b>	punching machine with triple safety umbrella
<b>Art.No.: 6.355</b>	ditto with one safety catching
<b>Art.No.: 5.355 TWIN</b>	Twin head punching machine with triple safety
<b>Art.No.: 5.355.Q4</b>	Quattro head hole punching machine.

## A LARGE VARIETY OF FIXING TAPES

The suitable fixing tapes are available in standard width: 100 mm, but are also available in other widths.

Descriptor:	Width	Quantity	Art.No.:
Transparent: for Voile, Organza, transparent fabrics for sewing in.	100 mm	100 m	6.SBT.100TRA
Buckram-tape: the traditional american stiffening tape for sewing in. For Stores, especially thin decos. and all decorations.	77 mm	100 mm	6.SBD-77.NWA
Fixing tape ironable on one side, stiff self adhesive for all areas of manufacturing.	100 mm	30 mm	6.SBST.100
Fixing tape ironable on one side, soft self adhesive for all areas of manufacturing	100 mm	100 mm	6.SBS.100



Transparent:	6.SBT-100.TRA
Fixing tape ironable on one side:	6.SBST.100
Buckram-tape:	6.SBD-77.NWA
Buckram-"Soft":	6.SBS.100

## Pneumatic machine for placing eyelets and washers

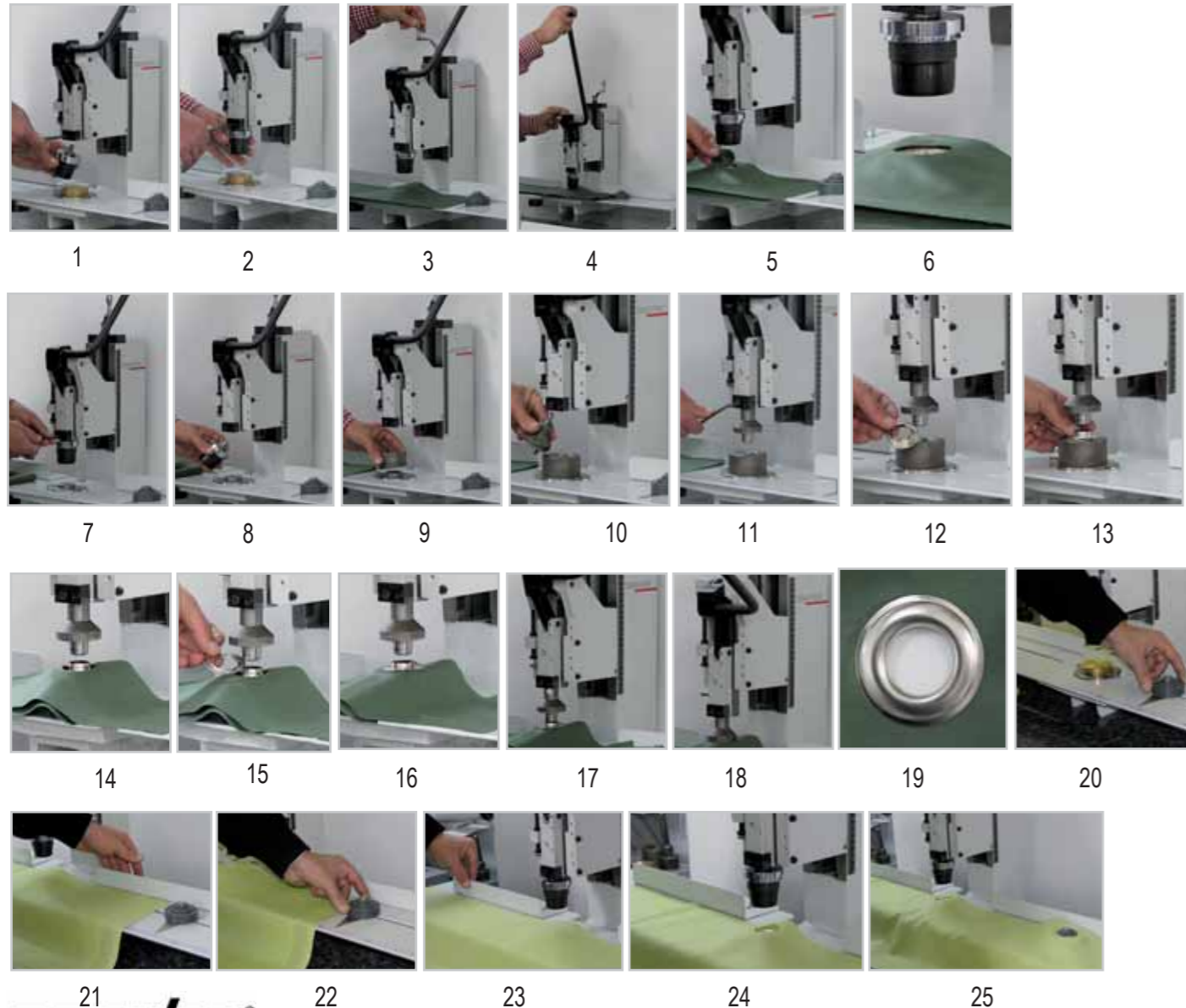
- Inserting Eyelets and washers metal up to 40 mm (8-40 mm).
- The machine makes the holes and places the eyelets and washers at the same time also in textile materials!
  - With security system - with arm 50 mm.
  - Available also on wheels or with table.

**Art.No.: 6.375.J25**



# INSTRUCTIONS EYELETTS PUNCHING

# AUT. EYELETT PUNCHING WITH FEEDING DEVICE



plastic eyeletts transparent



metal eyeletts



The eyelett top and bottom part will be feeded from the 2 baskets on the top and right - the eyeletts are special and may cut the hole assisted by a ball sized tool into the fabric and the eyeletts been pressed together as well in one operation.

Quick and easy feeding of the eyelett. You may also just cut the holes and press the eyeletts by a 2nd operation into the material.

For different sizes of eyeletts you have to change the tools as well as the feeding device - because each feeding device runs a special size of eyeletts only.

Materials in different thicknesses may work - because the pressure is adjustable during the pressing process.

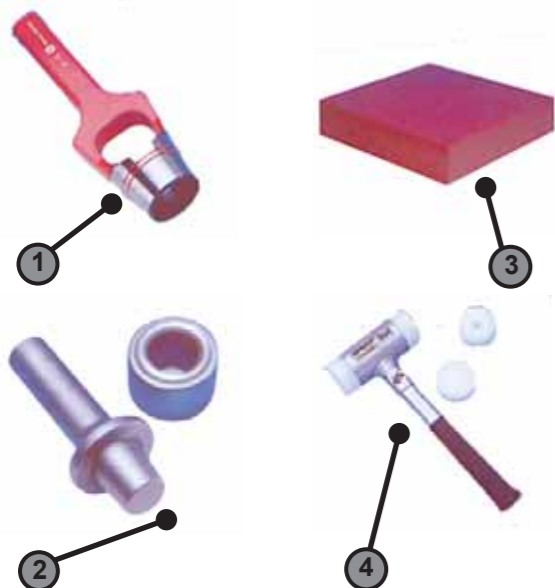
For the centering of the hole you may get a laser pointer as acc.

The machine is equipped with a safety hand protection according CE.

Art.No.: 6.375.J239	airoperated machine with aut. feeding for plastic eyeletts
Art.No.: 681.J12.0	plastic eyelett transparent 12 mm
Art.No.: 6.375.J279.M	airoperated machine with aut. feeding for metal eyeletts 7-20 mm
Art.No.: 689.915.....	eyelett 15 mm (15,2 mm) rustfree - other sizes avaiable - please take attention - if you change eyelett size you may have to change feeding system as well.
Art.No.: 689.915.22	689.915.22 ironmetal galvanized
Art.No.: 6.375.J449.M	dito for metal eyeletts 40 mm - please specify size when ordering
Art.No.: 689.940...	eyelett 40 mm rustfree



# HANDCRAFT TOOLS



PUNCH PLATE (3) made of plastic:  
2,4 kg, L 225 x W 225 x D 50 mm

Art.No.: 6.343.790

PROTECTING HAMMER (4), kick back free  
1000 gr. Ø 50 mm

Art.No.: 685.555

Of course is the usage of a toggle-joint punch or a pneumatically working punch with adjustable range spacer the most rational working method. We present the different work devices below, according to their productivity level. Handicraft tools for manufacturing plastic and loops for the corresponding size of eyelets.

PIERCING STEEL (1) - SINGLE STROKE PUNCHING (2)  
- for Metaleyeletts DIN-Norm

Art.No.:	D mm	Art.No.:
6.344.710	10	6.343.610
6.344.712	12	6.343.612
6.344.715	15	6.343.615
6.344.716	16	6.343.616
6.344.720	20	6.343.620
6.344.725	25	6.343.625
6.344.736	36	6.343.636
6.344.742	40	6.343.640

PIERCING STEEL (1) - SINGLE STROKE PUNCHING (2)  
- for Metaleyeletts A-Norm

Art.No.:	D mm	Art.No.:
6.344.715	15	688.615
6.344.725	25	688.625
6.344.740	40	688.640

# STEAMERS



## D-25 MINI STEAMER

Very compact mini steamer with heating of 600 W, 230 V AC, operational within 3 minutes. Wide stream release, easy to fill water container, water level indicator, dual safety thermostat. To be handled with tap water without special slat. Special isolated robust outside-case made of plastics as protection against heat with comfortable, compact handle. The volume of water is 0,25l is enough for 15 minutes of boiling down. The mini steamer D-25 removes sparkle and pressure marks as well as grease of all cloths, even at the high -sensible ones.

The most sold steamer for the decorator to supply the end user!

## D-25

Mini steamer, 600 W, 230 V AC, cpl. with cable, volume of water 0,25l made of a robust casing black.

Art.No.: 60.012

## Moveable steamers



**D 350**  
 Very powerful industrial boiling unit, moveable foundation, with alloy-steam release-head, 2,2 m tube, stainless water container with water level indication, dual thermostate, long-living heating element, 3-steps-energy-saving-control-switch, with extreme wide metal blast pipe.  
 1,5 KW, 230 V AC, total weight 15 kg




















Art.No.: 60.014	with wide alloy-metal-blast pipe
Art.No.: 29.002	cleaning agent and decaler

**D J2**  
 Similar steamer as described above, here not the apparatus is filled with 3,5l of water, only the bottle is filled with lime free water, placed on the head of the apparatus.

Art.No.: 60.011 K	1,5 KW 230 V AC, 12 kg.
Art.No.: 60.011	idem with metallic nozzle

**TRIPLE TRANSPORT  
 LONGARM  
 50 CM OR 70 CM OR 75 CM OR 100 CM  
 SHORTSLEEVE  
 BEST MACHINE WITH OUTSTANDING  
 SEAM PICTURE AND  
 HIGHTEC MACHINES WITH EXTRAS AND FOR  
 ALL WISHES.**

# KI. 867 - KI. 767 - KI. 467 - KI. 367 PIPING FOOT

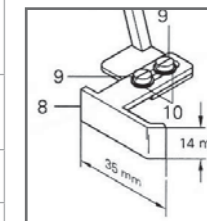
	Part Number	pipng left		Part Number	pipng left		Part Number	pipng left
	6.0167 6.220583 6.0367 20773	Trans. foot Drück. foot		6.0167 220603 6.0367 220783	Trans. foot Drück. foot		6.0167 220363 6.0367 220793	Transp. foot Drück. foot
	6.0167 220633 6.0367 220803	Trans. foot Drück. foot		6.0167 220653 6.0367 220813	Trans. foot Drück. foot			
	6.0067 900245 6.0367 900136	Trans. foot Drück. foot		6.0067 221423 6.0367 220423	Trans. foot Drück. foot		6.0067 221433 6.0367 220433	Transp. foot Drück. foot
	6.0067 221543 6.0367 220443	Trans. foot Drück. foot		6.0067 221553 6.0367 220453	Trans. foot Drück. foot			
	6.0067 220863 6.0367 220363	Trans. foot Drück. foot		6.0367 220383 6.0367 220373	Trans. foot Drück. foot			
	6.0067 900098 6.0367 900033	Trans. foot Drück. foot		6.0067 900100 6.0367 900034	Trans. foot Drück. foot		6.0067900245 6.0367 900136	Transp. foot Drück. foot
	6.0067 220924 6.0367 220653	Trans. foot Drück. foot		6.0067 220934 6.0367 220663	Trans. foot Drück. foot			
	6.0067 220713 6.0367 220293	Trans. foot Drück. foot		6.0067 220703 6.0367 220303	Trans. foot Drück. foot			

# THE BESTSELLER IN - TRIPLE TRANSPORT MACHINE



- Art. Nr.: 6.1767 FAX
- 1-needle lockstitch sewing machine with compound feed
  - for leather plastic, upholstery, automotive etc.
  - large hook
  - auto. backtalking
  - auto. thread trimming
  - aut. presser foot
  - 2 - stitch length available by touch button
  - needle system R 134-35 90 to 160
  - servomotor - smooth - quiet - low energy c.
  - easy sewing stitch by stitch
  - stitchlength max. 9 mm.
  - easy stitching „stitch by stitch“
  - 106 x 60 cm table on rolls.

Art.No.: 6.1767 FAX	1-NEEDLE MACHINE WITH THREADTRIMMER-AUT.FOOTLIFT-AUT. BACKTACK-2 STITCHLENGTHS TO STORE -5 FUNCTIONBUTTONS-DISPLAY-GERMAN EFKA SERVO-TABLE-STAND-230VAC.
Art.No.: 6.1767-2N FAX	2-NEEDLE MACHINE, DITTO, TRIPLE FEED NEEDLE GAUGE 10 MM - ALSO IN 8 MM AVAIABLE.
Art.No.: 6.134-35 LR....	Needle system 100-140 / (= 10 needle)
Art.No.: 6.0167220603 TF Art.No.: 6.0367220783 DF	pipngfoot rear 5 mm pipngfoot forward 5 mm
Art.No.: 6.0167220653 T.F. Art.No.: 6.0167220813 D.F.	pipngfoot rear 8 mm pipngfoot forward 8 mm
Art.No.: 6.0367220303 T.F. Art.No.: 6.0067220703 D.F.	edgefoot rear edgefoot forward



Art.No.: 6.245001660A / 6.910.1848005	bobbin
Art.No.: 6.N80075006	Edge gleidance slewable



# SEWING FEET TRIPLE TRANSPORT

# NEW! TRIPLE FEED

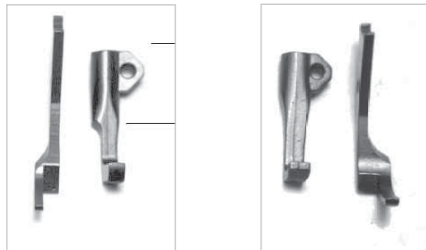
## Sewing feet

pipng feet (rigid) and edge feet for compound feed machines  
6.3 - 6.1565.

pipng feet fine, up to 6 mm stitch



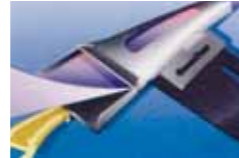
pipng foot 3,2 mm	pipng foot 5 mm	pipng foot 6,5 mm
Art.No.: 6.S31 3.2	6.S31 4.8	6.S31 6.4
6.1211.KF3.2	6.1211.KF4.8	6.1211.KF6.4



pipng foot left	pipng foot right
Art.No.: 6.LFT	6.RFT
Art.No.: 6.1211.KL	6.1211.KR

Art.No.: 6.1211 KF 10 mm pipng foot 10 mm 2 pcs.  
Art.No.: 6.1211 KF 8 mm pipng foot 8 mm 2 pcs.

Double pipng feet with attach-ment for blindseam technology



1 front part



1 Set of piping feet



Application

Art.Nr.:	
6.DKF	for 1211
6.1085.DKE	for 1085
6.019763	for DA series 67, 167, 267
6.019764	for PFAFF 145, 545, 1245
6.019765	for PFAFF 1425, 1525



6.1211

TRIPLE FEED SEWING MACHINE FOR HEAVY MATERIALS AS LEATHER, UPHOLSTERY, SEATS...

The standard machine, with large hook, very sturdy design, many edge and piping feet available - best price - value relation. Available with strong clutch motor 230 V AC or 400 V RC as well as electronic energy saving servo with needle positioning or with super DIGITAL++ german EFKA electronic motor, with soft-start and sewing „stitch by stitch“. Special smooth running machine.

Techn. Data	
speed:	2.000 R/min.
stitchlength. max:	6 - 7 mm
needlebar stroke:	36 mm
Material passage:	16 mm
Large hook vertical	
Threads until :	30/3
Needlesystem:	134-35R /100 -140

Art.No.: 6.1211	with clutch motor 230 V AC, stand and table, safety clutch for the hooksystem.
Art.No.: 6.1211 E	with energy saving servo with needle positioning, stand, table 106x60cm, ditto.
Art.No.: 6.1211 S	ditto, with german electronic digital motor needle positioning and softstart sewing stitch by stitch, 105 x 60 cm, ditto.
Art.No.: 6.1211-50	ditto, with 50 cm material passage
Art.No.: 6.1211-50E	ditto, with 50 cm material passage
Art.No.: 6.9117563000	Bobbin
Art.No.: 6.134-35R...	Needlesystem: 134-35R 90-140 - piping foot and edge foot see next page

## TRIPLE TRANSPORT MACHINE WITH AND WITHOUT SERVO-MOTOR

## Heavy machines



Art.Nr.: 6.267  
 Speed: 2.000 u/min.  
 Stitchlength max: 7 mm  
 needlebar stroke: 36 mm  
 material passage: 16 mm  
 big hok vertikal  
 thread strength until: 30/3

Art.No.: 6.267 DA	DA cpl. with a table and rack
Art.No.: 6.267 E	dito mit SERVO-Motor
Art.No.: 6.134-35 R....	needlesystem 100 -140 (10 needle)
Art.No.: 6.167001800	bobbin
Art.No.: 6.167220603 T.F.	pipng foot rear 5 mm
Art.No.: 6.167220613 D.F.	pipng foot forward 5 mm
Art.No.: 6.67220713 T.F.	edging foot rear
Art.No.: 6.1672203231.F.	edging foot forward



speed: 2.000 t/min.  
 stitch length: 0 - 6 mm  
 needlebar stroke: 33,4  
 material passage: 19 mm  
 Presser foot: 5 mm - thread: to 30/3  
 Needlesystem: 6.134-35/ - 90 to 130

Art.No.: 6.3Z.E	with servo motor, softstart, needleposition
Art.No.: 6.3Z.PFA	with pressure footlifter
Art.No.: 6.10103131	moving table with insert
Art.No.: 6.9126243705	bobbins with 10 pcs each package
Art.No.: 6.3Z.17.01	Einfassgarnitur
Art.No.: 6.3Z.17.02	Einfasshülse



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### Heavy Machines with triple transport

Art.No.: 6.441

- Max. 800 stitches/ min.
- Stitchlength: 0 - 11 mm
- Needlebar stroke: 56 mm
- Shuttle: KSP - 204N
- Needlesystem: DY x 3 26#
- Motor: 550 W or electronic-digital
- Cylinderarm: 78 mm

Art.No.: 6.205

- Max. 800 stitches/ min.
- Stitchlength: 0 - 11 mm
- needlebar stroke: 56 mm
- Shuttle: KSP - 204N
- Needlesystem: DY x 3 26#
- Motor: 550 W or electronic-digital
- Cylinderarm: 78 mm

Art.No.: 6.243L

- Max. 800 stitches/min.
- stitchlength: 0 - 15 mm
- Needlebar stroke: 56 mm
- Shuttle: KSP - 204N
- Needlesystem: DY x 3 26#
- Motor: 550 W or electronic-digital



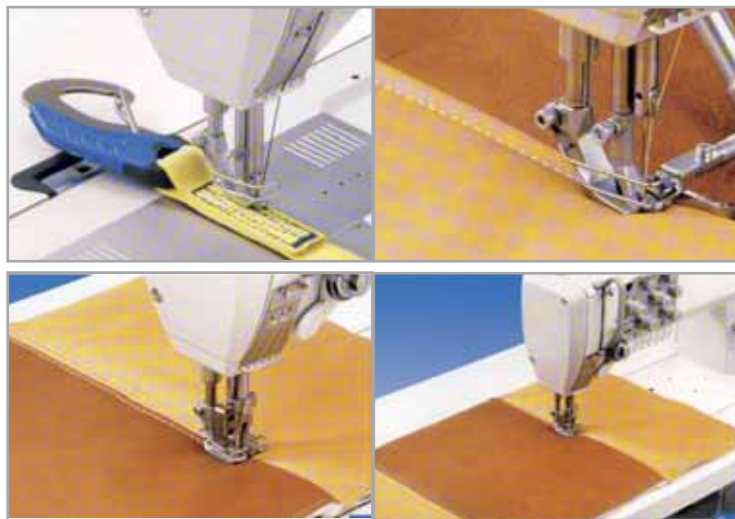
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## TRIPLE TRANSPORT DOUBLE LOCK STITCH



### 6.867 SUPERLATIV Classic or Eco

- 1 or 2 needle lockstich sewing machine for heavy fabrics.
- Stitchlenght max.12 mm or optionally max. 9 mm
- higher fabric passag
- Powerful and energy-saving SERVO motor
- Al this with the ECO version
- With the S-version as following:
- Automatic foot lifting
- Powerful and energy-saving SERVO motor
- Automatic locking
- 2. filament voltage
- stroke adjustment device
- carpet knife
- 2.Stitchlenght pre selectable
- Up on request diode lamps integrated



Art.No.: 6.867 FAX	1-needle machine
Art.No.: 6.867 FAX-2N	2-needle machine
Art.No.: 6.167220603 T.F. Art.No.: 6.367220783 D.F.	pipng foot rear 5 mm pipng foot forward 5 mm
Art.No.: 6245001660A	Bobbin
Art.No.: 6.667150830	XXL Bobbin
Art.Nr.: 6.134-35 R....	Needlesystem 100-140

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## TRIPLE TRANSPORT - LONGARM 70 CM - DOUBLE LOCKSTITCH



### 6.867.70 FAX

1- needle lockstich sewing machine for heavy fabrics. Cpl. with handtaster, thread trimmer, powerful SERVO-motor - presser foot lift, 12 mm lifting - stitch length up to 8 mm - needlepositioning - maintenance unit - table and stand, 230 V AC.

Art.No.: 6.867.L70	1-Needle - 70 cm
Art.No.: 6.167220603	pipng foot back 5 mm
Art.No.: 6.367220783	pipng foot front 5 mm
Art.No.: 6.167220653	pipng foot back 8 mm
Art.No.: 6.367220813 D.F.	pipng foot front 8 mm
Art.No.: 6.245001660A / 6.910.1848005	bobbin
Art.No.: 6.667150830	XXL bobbin
Art.No.: 6.N80007500	edge guidance slewable
Art.No.: 6.0367220653 Art.No.: 6.867 - KF - DF 51	pipng foot adjustable 5 mm pipng foot front
Art.No.: 6.0067220924 Art.No.: 6.867 - KF - TF5	pipng foot adjustable TF front 5 mm

2 needle - machine ditto, availale optionally in 8-10-12 or 16 mm needle distance.



### Art.No.: 6.867.L70.2N

2 needle lockstich sewing machine NEW! Asynchronous sewing foot. In this way, you will have two machines in just one - simply remove the left needle. You can also use a piping foot without a problem, in this case the machine will sew as a 1 needle lockstich sewing machine.

Art.No.: 6.N800005650	seamcentering-airoperated
Art.No.: 6.N800005655	seamcentering manuall
Art.No.: 6.N522025051 Art.No.: 6.867.70.2N? Art.No.: 6.86770.2nECO Art.No.: 6.86770.2nASY	tapeguidance 14 mm w. dispeser 2-Needle 10 mm Classic Equipment 2-Needle 10 mm ECO Equipment 2-Needle Classic Equipment with.asynchro- nous Sewing Foot
Art.No.: 6.867.2nECO	2-Needle ECO Equipment w. asynchronous Sewing Foot

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