

▶▶▶ **Variable Chamber Round Baler**



VarioPack

▶▶▶ **1500 / 1800**

Vario Pack – Perfect in silage, hay &

Here's the Proof!

- **Variable bale chamber**
Vario Pack 1500: bale diameter 1.0 to 1.5m (3'3" to 5')
Vario Pack 1800: bale diameter 1.0 to 1.8m (3'3" to 6')
- **Two separate continuously rotating chain & slat elevators:**
 - Outstanding performance in silage, hay & straw
 - Guaranteed bale turn – no bale slippage
 - Hard or soft center bales
 - Tight, solid bales
 - High bale density & weight
- **Low power consumption & diesel usage**
- **1.95m (6'4") Working Width DIN 11220 galvanised pick-up with 5 rows of tines**
- **Feed or cutting rotor for consistent crop flow from the pick-up to the bale chamber ensuring perfect bale starting every time**
- **Hydraulic reverser for the MultiCut cutting rotor (option)**
- **Auto-Lube as standard equipment**
- **Huge storage space for 10 balls of twine or 3 rolls of net wrap**
- **User-friendly baler monitors, choice of "Medium" or "Comfort" with automatic tying function**
- **"MultiCut" with 17 knife cutting rotor**
- **Patented knife selection 17 – 15 – 7 – 0 knives**
- **Hydraulic knife release**
- **"Non-Stop" fully automatic foreign body safety protection**
- **Tandem Axle as option**



Bale diameter
from 1.0 - 1.8 m
3'3" - 6'



straw

KRONE



Use the benefits of the KRONE advantage

Excellent bale productivity in silage, hay & straw combined with problem free operation and top serviceability. That is the noticeable difference with the KRONE variable chamber balers. The modular construction makes choosing any future baler easier to configure for individual needs. Select for example the "MultiCut" cutting rotor, double twining or net wrap, bale kicker, tandem axle, choice of control monitors "Basic", "Medium" or "Comfort" ensures the machine is built to specific wishes and fits every requirement. A unique blend of possibilities!

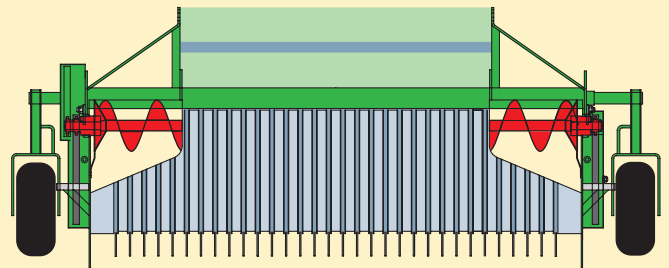


Sure footed: When connecting the round baler there is a robust, fully adjustable parking jack with an integrated folding load step, the jack is easily raised via the step-less spindle.

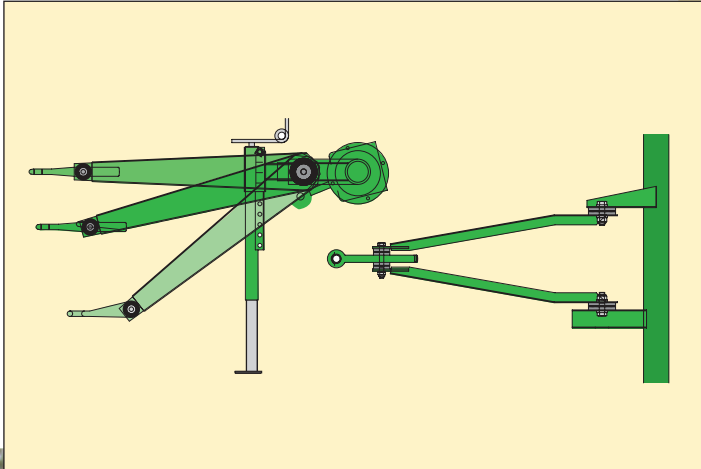
Leaves nothing behind



The five rows of galvanized tines lift even the shortest of crops absolutely spotlessly from the ground with automatic chain tensioning, pneumatic feeler wheels and hydraulic lift all standard equipment.



The pick-up is equipped with two large diameter, converging augers that move material smoothly towards the feed rotor. The large working width of 1.95m (6'4") DIN 11220 guarantees no crop is missed. Better crop feed and better bale starting means better round bales.



Always fits: the drawbar can be easily and quickly adjusted for height. The notched segments provide rigid support and stability, the machine can be hitched to the top or the bottom position on the tractor. Another KRONE advantage.



Clean flow: The KRONE round baler even filters the tractor hydraulic oil with the integrated oil filter insuring the oil is always clean. That brings reliability and thus the perfect working conditions without problem.



**Fast, direct
force-feed!**



Round and Round: Always a smooth and continuous crop flow through the pick-up with this optional crop roller guide turning heavy windrows into higher output.



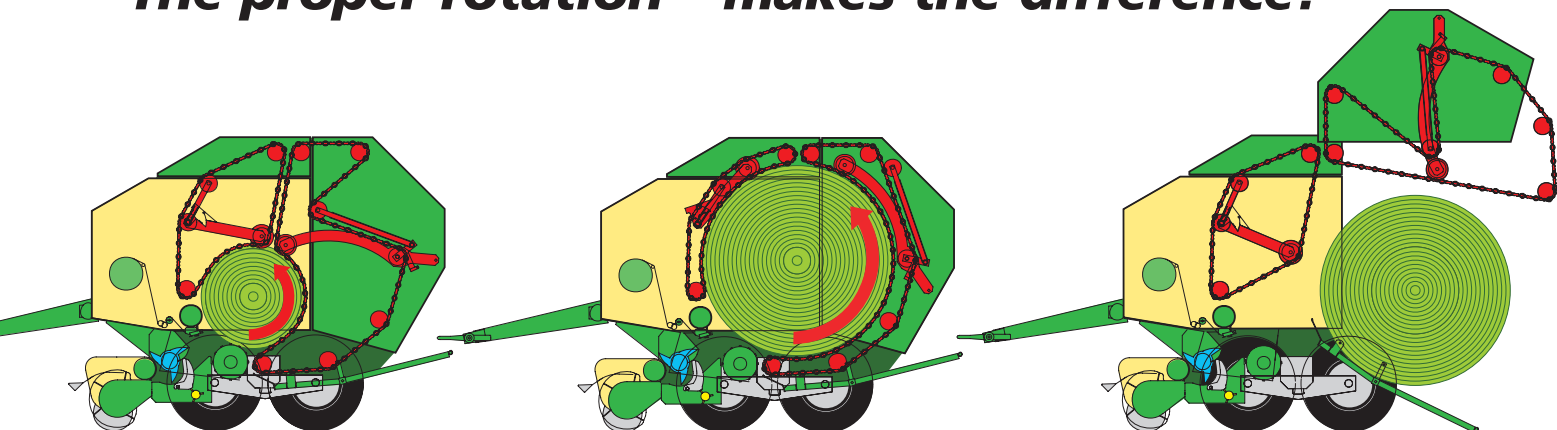
Even without the "MultiCut" cutting rotor KRONE Vario Pack 1500 & 1800 round balers are equipped as standard with a feed rotor between the pick-up and bale chamber thus insuring a fast and direct feed into the huge bale chamber entrance.

KRONE Chain & Slat conveyor – For rock

The superb, unique KRONE concept of the Chain & Slat conveyor has been put to use with outstanding success throughout the world, in many different conditions and in silage, hay & straw. The KRONE Vario Pack baler utilizes two continuously rotating endless chains that have proven themselves time and time again. The undeniable advantages of this technology are evenly formed bales with guaranteed bale turn – even in short & dry crops. Forage loss from the baler is kept to a minimum and of course low, low power requirements.



The proper rotation – makes the difference!

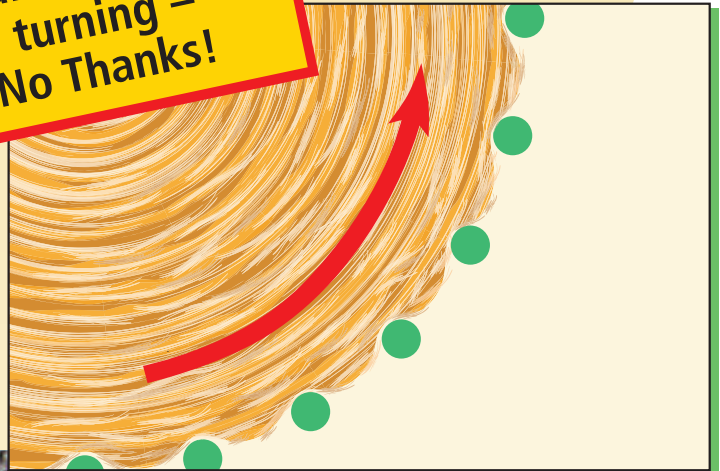


solid bales!

**Bale stopped
turning –
No Thanks!**



Distinctively KRONE: Two continuously rotating Chain and Slat conveyors make up the Vario Pack bringing reliability, durability and long life, not forgetting also that it delivers the tightest, highest quality bales in it's class.



No bales at a standstill – guaranteed rotation: The grip effect of the slats pulls the material into and around the bale chamber keeping it turning, regardless of the conditions and even in dry straw. Just one of the benefits of a Chain & Slat conveyor.



**Variable &
adjustable bale
density**



Sure thing: The Vario Pack does not have a starter roller but has a spiral roller with a scraper bar. That ensures fast bale starting and extra bale density with a high core compaction.



Under pressure: The Chain & Slat conveyors are hydraulically tensioned. By increasing the tension the bale density is raised. The pressure regulator valve sets the desired bale density fast, easy and with precision.

On-Board equipment that everyone lo

KRONE's Vario Pack Round baler offers much innovation to inspire you and your business. The simple, strong and uncomplicated design insures that under any working conditions the maintenance is minimal and less wear and tear. Auto-Lube as standard equipment lubricates the chains automatically from a built-in eccentric pump making maintenance a pleasure. Plus everything is thought about so pick and choose the options to maximize the productivity of the machine. For example the bale kicker speeds up output times by kicking the bale clear of rear of the chamber, hence no need to reverse back anymore. Just drive forward and forget about the rest!



Compaction without complication: Only a few drive chains are needed for the Vario Pack round baler generation. That means the power consumption is kept to a minimum and the machine maintains the highest reliability.



**Central
lubrication**



Another plus point for reliability: The Auto-Lube system has an extra large oil reservoir and a heavy-duty eccentric pump. The complete system can be monitored from the tractor seat, by a gauge located at the front that informs the operator of the amount of oil being distributed and thus is reassured that the system is functioning correctly at anytime.



Auto-Lube: The eccentric pump supplies the oil via the pipe network to the oilers that then lubricate the chains. The amount of oil can be adjusted simply by rotating the eccentric cam as the plunger stroke controls the amount of oil supplied.

oks for!



A simple design is a good design: This is the KRONE difference; all components are easily accessible to check making servicing and maintenance quick and easy to do, saving valuable baling time and less hassle.



This is comfort: Daily servicing is so easy you can almost rule it out. All the grease nipples are located in a central greasing bank to insure that the awkward ones are not missed out!



Active bale
kicker!

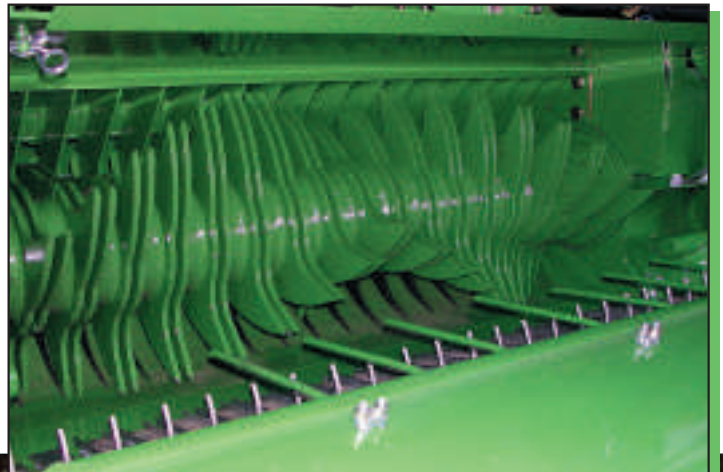


Non-stop baling: The bale kicker is automatically engaged when the tailgate is opened. Two side pull rods only activate the kicker when the bale lands on the frame, then kicks it out of reach from the tailgate. Making sure you do not catch it when the tailgate swings down.



KRONE MultiCut – The razor sharp con

When wanting even denser bales or working in light crops and needing air tight silage bales the "MultiCut" cutting rotor is the right solution. Gentle chopping thanks to the careful choice of the angle on the rotor fingers that draw the crop against the knives designed so as not to squash the crop on the way through. The knives are protected against any foreign objects by knocking them into a 0-Position, this can be done hydraulically too. Knife selection ranges from 17-15-7-0 knives in the cutting rotor depending on the length of cut you desire. As an option a hydraulically activated, mechanical Reverser helps remove blockages without leaving the cab.



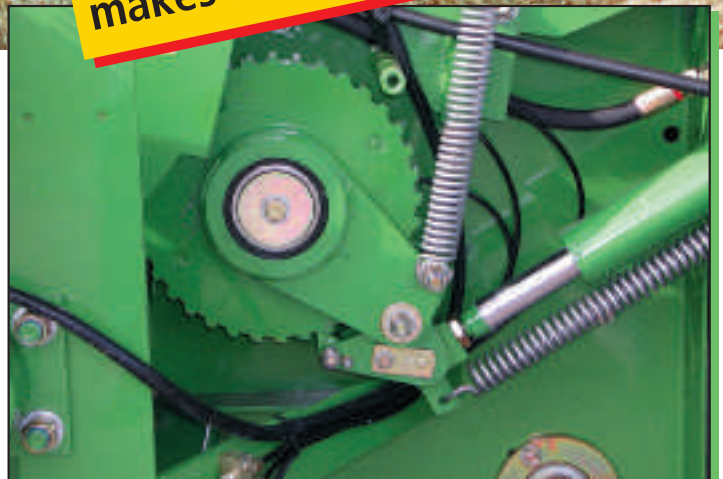
Bon Appétit: The characteristics of the cutting rotor insure an outstanding feed, smooth crop flow and the highest density. The V-formed rotor and double fingers guarantee a high cutting frequency. Better crop feeding...better cut quality...better round bales!



Full hydraulic power Reverser – makes life easier!



Direct drive: The driveline for the cutting rotor is transmitted via over-dimensioned spur gears that will withstand the highest loads and thus the highest reliability. This is why KRONE round balers handle the toughest conditions and feed uneven swaths with no problem.



Rotor blocks – this can happen: That's where the KRONE Reverser helps. Of course, the cutting rotor has a manual Reverser as standard, but for the professionals where time is money a full hydraulic power Reverser can be fitted to simply clear any blockage and is actuated by the tractor's hydraulic spool valves.

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Knife selection
from
17-15-7-0



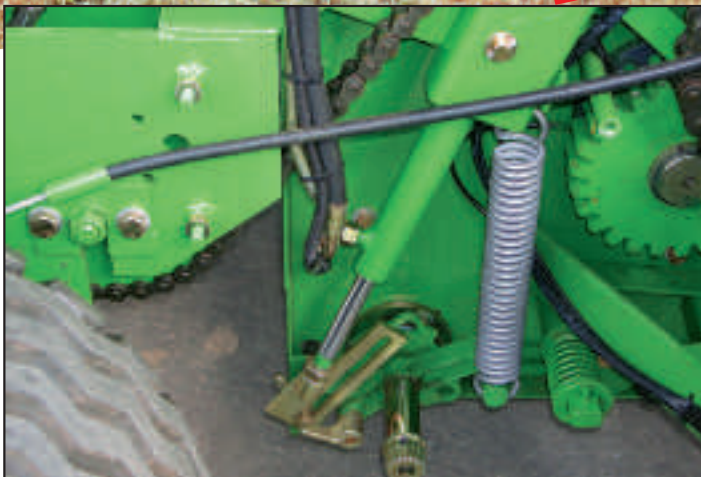
Always the cleanest cut: Up to 17 knives and a theoretical chop length of 64 mm (2.5"). Layout of the knives is in one row and with the smallest of distances between the rotor and the double shearing action guarantees the highest cutting quality.



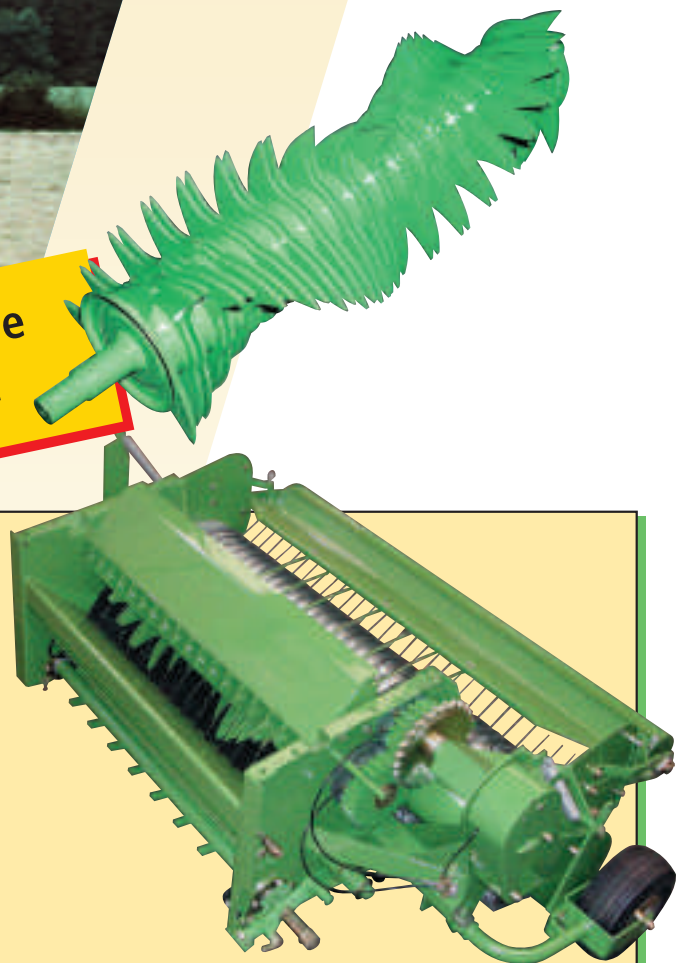
With one turn: The KRONE knife selection of 17 – 15 – 7 – 0 is put into operation! Fast, easy and simple selection of the number of knives required in the chamber. Knife removal is also simple, requiring no tools.



A cut above
the rest!



Safety built-in: "Non-Stop" automatic foreign object protection and the hydraulic '0' knife selection are standard KRONE features. These features are of a huge benefit and can be operated from the tractor seat.



Lift & Cut – continuous smooth feeding: Pick-up and the cutting rotor are a compact unit. The cutting rotor is positioned in the middle of pick-up enabling a smooth and continuous crop flow that is so very important in light and badly structured crops and where the short transfer distance increases the performance.

All wrapped up – for the tightest bale

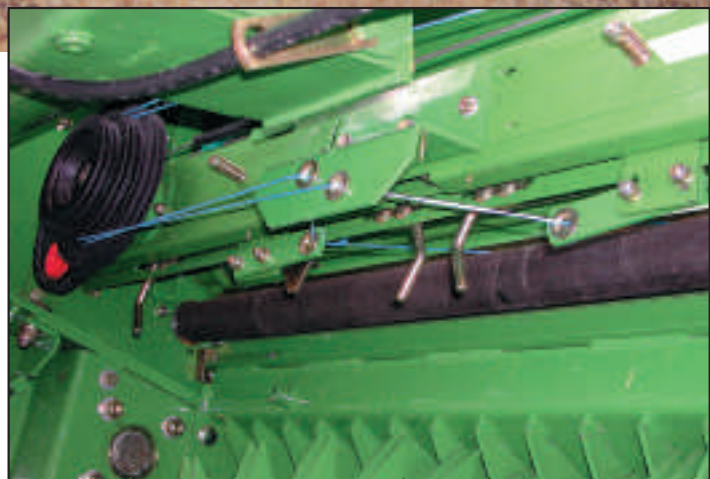
The KRONE Vario Pack round balers are available with either double twine tying or net-wrap. In comparison with a single twine tying system 50% of the tying time is saved by using a double twine tying system, the baler is kept moving forward and increases the output. The advantage of net-wrap is that it is even quicker than double twine tying, therefore more bales per hour and saving more time and machine operating costs. Additionally the bale is covered fully on the outside and thus when baling silage the air is kept out and quality in. New from KRONE is the RoundEdge net-wrap that covers **5 cm** of the bale's outer sides making sure no problems occur when bale is wrapped later.



Big enough for the longest day: The twine box is fully protected from the elements and can hold up to 3 rolls of net-wrap. The twine box can handle either 2000 m (???) feet or 3000 m (???) feet rolls securely.



Plenty on board: This twine box is over-dimensioned, meaning a carrying capacity of up to 10 rolls of twine. The complete twine box is sealed to insure no problems with dust or debris guaranteeing more work time.



Ideal tying: The stepped pulley applies the twine evenly across the bale surface, thus keeping the crop in a neat and tight roll. The tying stage starts and ends in the middle of the bale meaning no loose twine on the bale edges and a uniform tying process.

Completely Covered!



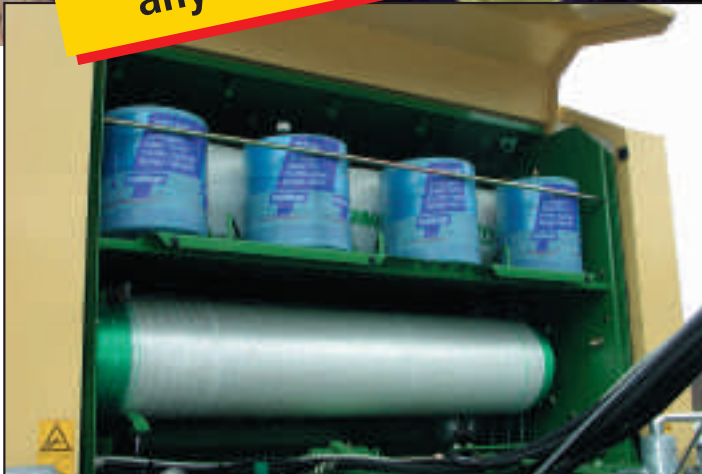
Easy to load: It does not get any easier when loading up the net and as always KRONE have put safety first with no need for ladders or climbing over the machine. Simply place the net in from the front of the baler and all done from the ground! Then pull the net through the metering unit and its ready to go.



Over the edge: The net is dispensed over an adjustable brake system and then via a rubber roller fitted with side support rollers that guarantee the bale edge is covered while tying. Another advantage is that the net can be watched being dispensed from the tractor seat and the status of the roll can be checked in the fullest comfort.



It's wrapped up – not tying anyone up!



Net and twine in one box: The twine box can also hold one roll of net-wrap and 4 balls of twine. Ideal for differing conditions and customers wishes where in a flash net-wrap can be changed over to twine and vice-versa.



Sure safety: Starting the net-wrap or twine is controlled from a linear motor working in conjunction with the user-friendly monitor. The linear motor tensions a drive belt thus driving the rubber roller for the net or twine feeding it in to the bale chamber.

"Basic", "Medium", "Comfort" – choi

Baler monitors – that are user-friendly, simple and uncomplicated to use – that is exactly the wish when choosing the right machine! Three differing ranges of monitors are available with the Vario Pack. The "Basic" controller starts double twining just by pressing a button whereas the "Medium" set-up monitors the finished bale size, starting the tying process automatically, although manual mode is also possible. The top of the range "Comfort" variant informs the operator of all baler information and settings via the digital display for clarity. Truly user-friendly monitors!



From one view: Two independent levers inform the operator of bale progress and diameter when using the "Basic" and "Medium" monitors. Each lever represents left or right hand side bale diameter. This makes it easy to make a most uniform bale by showing which side needs to be filled.



Offered more: The "Medium" monitor informs the operator of the finished bale diameter and starts the tying process automatically or alternatively can be switched to manual mode.



Job Computer – heart of the "Comfort" monitor: The Job Computer receives all electrical impulses from the sensors and then transfers them to the monitor. It also transfers commands from the monitor to the sensors on the baler, for example; setting the automatic tying on.

ce of controller



It's very simple: The "Basic" monitor comes as standard equipment with double twining system. When the desired bale diameter is reached the operator presses the button and starts the twine tying.



Keep an eye on it: When equipped with the "MultiCut" cutting rotor and the "Medium" monitor a lever on the front of the baler informs the operator as to whether the cutting system is engaged or not.



Fully coordinated: All sensors are coordinated and inform each other on their status at each cycle and leave nothing to chance. For example, the tying system for twine or net-wrap indicates when the tailgate can be opened.



Operator Comfort: The "Comfort" monitor is renowned for its clear, functional and simple operation. The operator is kept informed of all functions through both visual and acoustic alarms that intervene when necessary.



KRONE round balers originate from 1977: all with the legendary continuously rotating Chain & Slat conveyor concept. This innovation and technological know-how is built into all round balers from KRONE and are renowned throughout the world from Australia to Zambia. The KRONE round balers are a true winner and many countries make it the #1 choice.



KRONE RoundEdge – For the best silage quality use this special net-wrap. The complete bale edge is covered preventing moisture from being drawn up into the bale offering better protection from the rain and ground moisture as well as better shaped bales. Typical KRONE: even older Vario Pack models can be equipped with this special net-wrap without the need for additional parts – One fits all!

Summary of technical specifications

Model	VarioPack 1500	VarioPack 1500 MultiCut	VarioPack 1800	VarioPack 1800 MultiCut
Length (without bale kicker)	4.52m / 14'7"	4.52m / 14'7"	4.86 / 15'9"	4.86 / 15'9"
Bale Size width x Diameter	1.20 x 1 – 1.5m 4' x 3'-5'	1.20 x 1 – 1.5m 4' x 3'-5'	1.20 x 1 – 1.8m 4' x 3'-6'	1.20 x 1 – 1.8m 4' x 3'-6'
Width (single/tandem axle)	2.57 / 2.74m 8'4" / 8'9"	2.57 / 2.74m 8'4" / 8'9"	2.57 / 2.84m 8'4" / 9'3"	2.57 / 2.84m 8'4" / 9'3"
Height	2.57m / 8'4"	2.57m / 8'4"	2.85m / 9'3"	2.85m / 9'3"
Wheel track (single/tandem axle)	2.15 / 2.43m 7' / 7'9"	2.15 / 2.43m 7' / 7'9"	2.15 / 2.43m 7' / 7'9"	2.15 / 2.43m 7' / 7'9"
Tires	11.5 /80-15.3/10	15.0/55-17/10	15.0/55-17/10	15.0/55-17/10
Weight (std single axle)	2820kg / 6227 lbs	2950 / 6505 lbs	3135 / 6913 lbs	3280 / 7232 lbs
Pick-up working width	DIN 11220 1.95m / 6'4"	1.95m / 6'4"	1.95m / 6'4"	1.95m / 6'4"
Tine rows	5	5	5	5
No. of total knives	–	17	–	17
theoretical length of cut (17 knives)	approx mm –	64	–	64
Power requirements	from approx KW/hp 36/50	36/50	40/55	40/55

The illustrations, dimensions and weights here do not necessarily correspond to the series fabrication type and are non-binding.

A round baler with all-round comfort!

Differing working conditions need differing machine preferences: that is where you can count on KRONE to deliver those specific needs. The KRONE Vario Packs have many options to choose from. For instance, the tandem axle makes the baler glide over the roughest ground giving it a huge benefit when fast transportation speeds are required. The weight distribution is spread not over two, but four wheels and particularly on grass, the greatly reduced ground compaction is clearly noticed. Either air or hydraulic brakes can be fitted giving increased safety on the road or on hilly ground.



Safe braking: As standard equipment the Vario Pack 1800 and optional for the 1500 is fitted with compressed air brakes. For both machines as an export variant hydraulic brakes can be fitted, to assure safe road transport at speeds of up to 40km/h (25 mph).



**Double the comfort =
double the productivity**

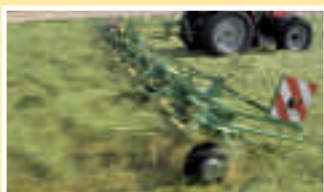


Smooth running: The portal tandem axle from KRONE combines the optimal ground contour following with smooth and safe operation under all conditions. Taking it easy on the machine and more importantly the driver!



Choice of Rubber: For special applications the correct options must be available to insure the highest productivity. KRONE offers many tire options to fit individual requirements. As an example the 600/50-22.5 tires have many advantages in wet, heavy ground and lower ground compaction – lighter on the soil and the baler.

►►► *The KRONE agricultural machinery range:*



Disc mowers

Rotary tedders

Rotary rakes

Self-loading wagons

Dual purpose loading wagons

Round balers

Baler-wrapper combination

Big square balers

Mower conditioners

Precision chop forage harvester

Technical specification may alter without prior notice,
some photographs may show optional equipment.



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