

INSUNG SPECIAL MACHINE TOOLS



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[Wind Power Pitch, yaw Bearing Hard Turning]

**DIA 1600~2500
CNC VERTICAL LATHES**

**DIA 2500~5500
CNC VERTICAL LATHES**



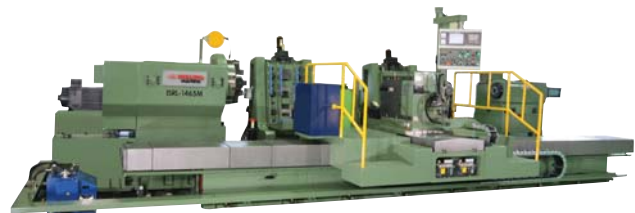
MAIN SPECIFICATIONS (VTL, VTC)

other user order made

Specifications	unit	ISVTL-1625	ISVTL-1830	ISVTL-2032	ISVTL-2535	ISVTL-4050	ISVTL-4555
Table Dia/Swing	mm	Ø1,600/2,500	Ø1,800/3,000	Ø2,000/3,200	Ø2,500/3,500	Ø4,000/5,000	Ø4,500/5,500
Turning height(C-R, Fix/M)	mm	1,000/1,800	1,000/1,800	1,200/2,000	1,200/2,200	1,600/2,500	1,800/2,100
Table Speed	rpm	1~260	1~260	1~200	1~160	1~60	1~50
Main Motor	kw	30/37	30/37	37/45	45/55	75/100	100/135
Max. Load on Table	Kg	8,000	8,000	12,000	15,000	40,000	40,000
Min. indexing	degree	0.001(VTC only)			0.001 (VTC only)		
Live Spindle	rpm	15~2,000(VTC only)			15~2,000(VTC only)		
Controller System	-	FANUC			FANUC		

**SECTION STEEL ROLL
CNC HEAVY DUTY LATHES**

**CHOCK FIXED A ROLL
CNC HEAVY DUTY 10-AXIS LATHES**



MAIN SPECIFICATIONS

other user order made

Specifications	unit	ISRL-0865, 1065		ISRL-1265 1485		ISRL-1455	ISRL-1685	ISRL-1465M	ISRL-1685M
Max. Roll turning dia	mm	Ø800	Ø1000	Ø1,200	Ø1,400	Ø1,400	Ø1,600	Ø1,400	Ø1,600
Max. Turning length	mm	3500, 5500, 6500		4500, 6500, 8500		5500, 8500, 10500		6500, 8500, 10500	
Load capacity	kg	12,000	16,000	25,000	32,000	35,000	45,000	45,000	60,000
Spindle speed	rpm	1~260	1~200	1~120	1~80	1~80	1~50	1~80	1~50
X - Axis Travel	mm	350	450	500	600	600	700	600	700
Rapid (X/Z)	m/min	6/8		4/6		4/6		4/6	
Spindle Motor	Kw	60 / 75, 75/100 Siemens				75 / 100, 100/135 Siemens			

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(Wind Power Pitch, yaw Bearing Drilling and Tapping)

SINGLE HEAD TYPE CNC DRILLING AND TAPPING



TWIN- HEAD TYPE CNC DRILLING AND TAPPING



MAIN SPECIFICATIONS

other user order made

Specifications	unit	ISRD-2025	ISRD-2530	ISRD-3036	ISRD-2530TW	ISRD-3540TW	ISRD-3540TW
C - Axis Travel	Degree	360/±5.5sec	360/±5.5sec	360/±7.5sec	360/±5.5sec	360/±7.5sec	360/±7.5sec
Y - Axis Travel	mm	1,300	1,600	1,800	R/L 1,800	R/L 1,800	R/L 1,800
Z - Axis Travel	mm	600	600	600	R/L 600	R/L 600	R/L 600
Spindle speed	rpm	3,000	3,000	2,500	3,000	2,500	2,500
Spindle Motor	kw	18.5 / 22	22 / 26	30 / 37	22 / 26	30 / 37	30 / 37
Table dia / swing	mm	Ø2,000/2,500	Ø2,500/3,000	Ø3,000/3,600	Ø2,500/3,000	Ø3,500/4,000	Ø4,500/5,000
Controller	-	FANUC		FANUC		FANUC	

TABLE EXPANSION TYPE CNC MACHINING CENTER



TABLE CHANGE TYPE CNC MACHINING CENTER



MAIN SPECIFICATIONS

other user order made

Specifications	unit	ISTD-4015	ISTD-5020	ISTD-6020	ISTD-4020P	ISTD-6020P	ISTD-6025P
X - Axis Travel	mm	4,500	5,500	6,500	4,500	6,500	6,500
Y - Axis Travel	mm	1,500+300(A.T.C.)		2,000+300(A.T.C.)	2,200+300(A.T.C.)		2,700+300(A.T.C.)
Z - Axis Travel	mm	600	600	600	600	600	600
Spindle speed	rpm	3,000	3,000	3,000	3,000	3,000	3,000
Spindle Motor	Kw	22/26	22/26	30/37	22/26	22/26	30/37
Working Table	mm	1,500x4,000	2,000x5,000	2,000x6,000	2,000x4,000	2,000x6,000	2,500x6,000
Controller	-	FANUC		FANUC		FANUC	

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GUSSETS, SPLICE PLATES CNC DRILLING MACHINE



H-BEAM PRODUCTION LINE CNC DRILLING AND TAPPING



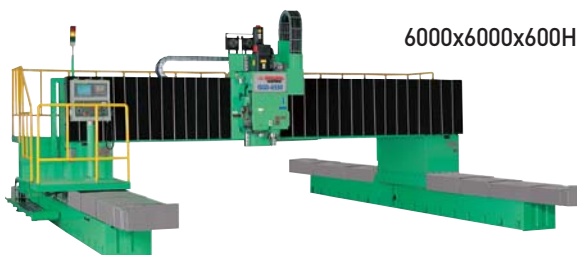
MAIN SPECIFICATIONS

other user order made

Specifications	unit	ISTF-2015	ISTF-4020	ISTF-6020
X - Axis Travel	mm	2,200	4,200	6,200
Y - Axis Travel	mm	1,500+300(A,T,C)	2,000+300(A,T,C)	2,000+300(A,T,C)
Z - Axis Travel	mm	360	360	360
Spindle Speed	rpm	2,000	2,000	2,000
Spindle Motor	Kw	7.5/11	11/15	11/15
Fixture Table	mm	1,500x2,000	2,000x4,000	2,000x6,000
Controller	-	FANUC		

ISHL-2000	ISHL-2,500
Conveyor Table Length	Conveyor Table Length
2,000+300(A,T,C)	2,500+300(A,T,C)
560	560
2,000	2,000
15/18.5	18.5/22
1,800x12,000 with conveyor table	2,400x12,000 with conveyor table
FANUC	

CONDENSER CNC GANTRY TYPE DRILLING AND TAPPING, FACE-MILL



MAIN SPECIFICATIONS

other user order made

Specifications	unit	ISGD-5050	ISGD-6060	ISGD-6080
X - Axis Travel	mm	5,500	6,500	8,500
Y - Axis Travel	mm	5,500	6,500	6,500
Z - Axis Travel	mm	800	800	800
Spindle rpm	rpm	2,000	2,000	2,000
Spindle Motor	kw	30 / 37	30 / 37	30 / 37
Working Table	mm	5,000x5,000	6,000x6,000	6,000x8,000
Controller	-	FANUC		

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BOILER HEADER PIPE DRILLING, TAPPING MACHINE



● MAIN SPECIFICATIONS other user order made

Specifications	unit	ISPD-0408	ISPD-0608
X - Axis Travel	mm	8000	8000
Y - Axis Travel	mm	650+300	850+300
Z - Axis Travel	mm	560	560
Pipe Travel	Degree	360	360
Pipe Size	mm	Ø200-Ø400	Ø200-Ø800
Working Table	mm	Hydraulic	Hydraulic
Controller	-	FANUC	FANUC

BOILER HEADER BOX DRILLING, TAPPING, GROOVING



● MAIN SPECIFICATIONS other user order made

Specifications	unit	ISHD-0506	ISHD-0805
X - Axis Travel	Mm	5,000	8,000
Y - Axis Travel	mm	650-850+(ATC)	
Z - Axis Travel	mm	600	
progress	-	Drilling, Tapping, Grooving, Remming-Right/Left	
Header Size	mm	Min 100x200x5000 max	
Working Table	mm	Hydraulic Clamping & work Jig Fixture	
Controller	-	FANUC	

TIRE MOLD LETTERING & ENGRAVING



● MAIN SPECIFICATIONS other user order made

Specifications	unit	ISGV-0600	ISGV-0800
C/B - Axis Travel	Degree	±360/ ±60	±360/ ±60
X/Y/Z - Axis Travel	mm	800/ 750/ 520	1,000/ 750/ 520
Chuck Size (Working Area)	mm	24" (Ø600)	32" (Ø800)
Spindle Speed	Rpm	5,000-40,000	5,000-40,000
Spindle (HighFrequency)	kw	ISO20-FA80CU	ISO30-FA100CU
Program(option)	-	CAD/CAM software	CAD/CAM software
Controller	-	FANUC	FANUC

TIRE MOLD CONTAINER DRILLING, TAPPING, ENDMILL.



● MAIN SPECIFICATIONS other user order made

Specifications	unit	ISTC-1500	ISTC-1800
C-axis Travel	Degree	±360/0.01 Degree indexing	
Tilting-axis Travel	Degree	90/1 Degree titing	
X-axis Travel	mm	2,000	2,300
Y-axis Travel	mm	1,000	1,250
Z-axis Travel	mm	800	1,100
Working Table	mm	Ø1,500	Ø1,800
Controller	-	FANUC	

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OIL LNG LPG SHIP MOLDING MACHINE



MAIN SPECIFICATIONS other user order made

Specifications	unit	ISSM-112
C/B - Axis Travel	Degree	±270 / 90
X/Y/Z - Axis Travel	mm/Inch	13,000x2,2000 X 1,400
Working Table Size	(LxW)	12,000x2,000
Spindle Speed	rpm	Spindle Unit For 25,000 R.P.M
Spindle Motor(High Frequency)	kw	BT40-MAS-1-AC18
CAD/CAM Program	-	3-Dimensional Geometric Modeling Software
Controller	-	10- Axis Controlling By FANUC

STEEL TOWER ANGLE TWIN HEAD DRILLING MACHINE



MAIN SPECIFICATIONS other user order made

Specifications	unit	ISAD-7500	ISAD-8500
X - Axis Travel	mm	15,000	18,000
Y - Axis Travel	mm	1,200+300(ATC)	1,200+300(ATC)
Z - Axis Travel	mm	360	360
Spindle Speed	rpm	2,000	2,000
Spindle Motor	kw	11 / 15	11 / 15
Work Piece	mm	1,200x7,000x2parts	1,200x8,000x2parts
Controller	-	SENTROL	SENTROL

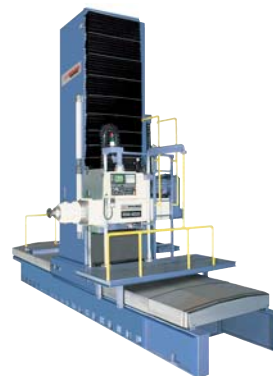
FLOOR TYPE BORING & MILLING MACHINE



MAIN SPECIFICATIONS other user order made

Specifications	unit	ISFBM-150	ISFBM-160	ISFBM-180
X - Axis Travel	mm	5000,8000	6000,10000	8000,12000
Y - Axis Travel	mm	2000,2500	2500,3000	2500,3000
Z+W-Axis Travel	mm	700+800	700+1000	800+1000
Spindle Speed	rpm	2,000	2,000	2,000
Controller	-	FANUC orSIEMENS	FANUC SIEMENS	FANUC oSIEMENS

FLOOR TYPE DRILLING & MILLING MACHINE



MAIN SPECIFICATIONS other user order made

Specifications	unit	ISFBM-6020	ISFBM-6025	ISFBM-8030
X - Axis Travel	mm	6,500	6,500	8,500
Y - Axis Travel	mm	2,000	2,500	3,000
Z - Axis Travel	mm	600	600	600
Spindle speed	rpm	2,000	2,000	2,000
controller	-	FANUC	FANUC	FANUC

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QUILL TYPE TWO COLUMN MACHINING CENTER



RAM TYPE TWO COLUMN MACHINING CENTER



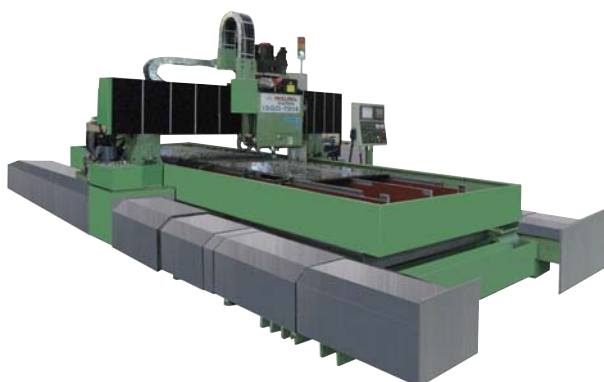
● MAIN SPECIFICATIONS

other user order made

Specifications	unit	ISPM-6020Q	ISPM-6025Q	ISPM-8030Q	ISPM-6020R	ISPM-6025R	ISPM-8030R
X - Axis Travel	mm	6,500	6,500	8,500	6,000	6,000	8,000
Y - Axis Travel	mm	2,900	3,400	3,900	2,900	3,400	3,900
Z/W - Axis Travel	mm	600+1,000	600+1,000	600+1,000	1,000+1,200	1,000+1,200	1,000+1,200
Spindle speed	rpm	3,000	3,000	3,000	3,000	3,000	3,000
Spindle Motor	kw	30/37	30/37	30/37	30/37	30/37	30/37
Working Table	mm	2,500X6,000	2,500X6,000	3,000X8,000	2,500X6,000	2,500X6,000	3,000X8,000
Controller	-	FANUC or SIEMENS			FANUC		

TEXTILE NEEDLE PLATE MINI DRILLING MACHINE

- $\varnothing 1 \sim \varnothing 6$ a small size drilling
- Spindle 4000~20000rpm



DIFF-CASE AUTO MOBILE DRILLING & TAPPING

- Auto Mobile Parts Diff-case Hole
- Multi Drilling Tapping 8P, 10P, 12P

