

Machining

(own and permanent supplier machine tools)

Pos.	Machine	Technical data, capacity
1	Forest Line Portal milling machine	CNC SIEMENS 840D X – travel 17230 mm Y – travel 5050 mm Z – travel 2350 mm W – travel 1050 mm Distance between columns 4200 Table load 160 tons
2	WALDRICH COBURG Portal milling machine	CNC SIEMENS 8M X – travel 10500 mm Y – travel 4680 mm W – travel 3200 mm Z – travel 800 mm (RAM) Distance between columns 3600 Table load 100 tons
3	Droop & Rein 160 kT Portal milling machine	CNC FIDIA C20 X – travel 4500 mm Y – travel 4000 mm Z – travel 1800 mm Distance between columns: 5300 Table load 30 tons
4	Droop & Rein FPVL 2200 Portal milling machine	CNC FIDIA C20 X – travel 4700 mm Y – travel 3400 mm Z – travel 1350 mm Distance between columns: 3000 Table load 30 tons
5	Škoda HCW3 Horizontal boring – milling machine	CNC SIEMENS 840 D X – travel 10500 mm Y – travel 5000 mm Z – travel 1600 mm W – travel 1400 mm Rotary table 3600 x 3600 Rotary table load 50 tons
6	SHIBAURA Horizontal milling – boring machine	CNC HDH 426 X – travel 13500 mm Y – travel 5500 mm Z – travel 1150 mm W – travel 1150 mm Table load 45 tons
7	GIDDINGS & LEWIS Horizontal milling boring machine	CNC SIEMENS 840D X – travel 10000 mm Y – travel 45000 mm Z – travel 1000 mm W – travel 1000 mm Rotary table 4500 x 6000 Rotary table load 150 tons



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8	SCHARMAN HEAVYCUT Horizontal milling – boring machine	CNC SIEMENS 840D X – travel 4000 mm Y – travel 4000 mm Z – travel 1200 mm W – travel 1200 mm Table load 40 tons
9	SCHIESS – FRORIEP BFT 180 Horizontal milling – boring machine	CLASSIC, DRO X – travel 10000 mm Y – travel 3500 mm Table load 50 tons
10	Cornac Moby Mayor Horizontal milling machine	CNC HDH 355 X – travel 8000 mm Y – travel 4000 mm W – travel 1200 mm Rotary table 2200 x 2200 Rotary table load 20 tons
11	Pama ACC Horizontal boring – milling machine	CNC SIEMENS 880 M X – travel 9900 mm Y – travel 2500 mm Z – travel 1050 mm Rotary table 2000 x 2000 Rotary table load 30 tons
12	WMW HECKER Table milling machine	CNC FAGOR X – travel 6000 mm Y – travel 2500 mm Z – travel 800 mm W – travel 1500 mm Table load 15 tons
13	Scharmann ECOCUT 3.2 Horizontal milling – boring machine	CNC HDH 530 X – travel 3500 mm Y – travel 2000 mm Z – travel 1000 mm NC facing head Table load 20 tons
14	TOS WHN 130 Horizontal milling – boring machine	CNC HDH 435 X – travel 3500 mm Y – travel 2000 mm Z – travel 1250 mm W – travel 700 mm Table load 12 tons
15	AF125 CNC5 Horizontal milling – boring machine	CNC HDH 530 X – travel 2500 mm Y – travel 2000 mm W – travel 300 mm Z – travel 2000 mm Table load 8 tons
16	Colombo Horizontal milling machine	CNC HDH 530 X – travel 6000 mm Y – travel 2000 mm Z – travel 1500 mm Table load 50 tons
17	SHW VFZ43 Table milling machine	CNC SIEMENS 3M X – travel 1200 mm Y – travel 900 mm Z – travel 800 mm Table load 1,2 tons
18	BERTHIEZ Vertical lathe	CNC SIEMENS 840 Diameter of table 5000 Max. swing 8000 Max. height 4000 Max. weight of work piece 160 tons Live spindle 25 kW

19	KOLOMNA 1563 Vertical lathe	CNC FAGOR Diameter of table 6000 Max. swing 6300 Max. height 3200 Max. weight of work piece 100 tons
20	Blansko 32 / 63 Vertical lathe	DRO, Copy Diameter of table 3200 Max. swing 6200 Max. height 2500 Max. weight of work piece 40 tons Live spindle 25 kW
21	SCHIESS MODEL 4K 500 Vertical lathe	DRO, copy Diameter of table 5000 Max. swing 5400 Max. height 3400 Max. weight of work piece 45 tons
22	NILES Vertical lathe	Classic Diameter of table 4000 Max. swing 4300 Max. height 2500 Max. weight of work piece 30 tons
23	SEDINA M 1525 Vertical lathe	CLASSIC Diameter of table 2200 Max. swing 2400 Max. height 1500 Max. weight of work piece 10 tons
24	PENSOTTI Vertical lathe	CLASSIC Diameter of table 1500 Max. swing 1600 Max. height 1000 Max. weight of work piece 3 tons
25	Heyligenstaedt DW1800 Facing head horizontal lathe	CNC SIEMENS 840C Max. turning diameter 3150 Max. turning depth 3950 Table load 50 tons
26	GILDERMEISTER NEFCTEO Horizontal lathe	CNC Ø 600x2100 Max. weight of work piece 2 tons
27	Coordinate measuring system Mora	CNC X – travel 7000 mm Y – travel 1600 mm Z – travel 2400 mm



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