



MACHINE LIST



Prodan A/S
Tåsingevej 1
DK-8940 Randers SV
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MILLING BORINGS MACHINE
CNC VERTICAL LATHES
CNC LATHES

Milling-/ boring machine	Max length X (mm)	Max width Y (mm)	Max height Z (mm)	Max. weight (kg)	Tools	Turret	Misc.
FPT Area-EV8 (255)	10.000	3.500	3.500	50.000	60	Yes	Turret 2.500x2.500 mm, max. weight 30.000 kg

CNC vertical lathes	Max diam. mm	Max Turning diam. mm	Max height mm	Max. weight kg	Tools	Milling	Misc.
Yoji YV-1600 (250)	2.000	1.800	1.200	8.000	16	Yes	C-axis, rotating tools
Yoji VTL 3000 (251)	3.500	3.400	1.800	20.000	16	Yes	C-axis, rotating tools

CNC lathes	Max. dimensions mm	Max Turning length mm	Penetration from spindel mm	Milling	Misc.
DMG NZX 2000/800 SY (125)	80	400	80	Yes	Bar feeder Ø80, 300 mm, 2 spindles, Y-axis, C-axis, possibility of pinol buckles
Daewoo MX 2600 ST (109)	760	600	76	Yes controlled multi-axis +/- 120°	Y-axis 230 mm. Rotating tools 12,000 revolutions. Claw to claw 1,600 mm, subspindle
Daewoo Puma TT1800 SY (122)	230/210	530	65	Yes	Bar feeder, Y-axis, C-axis, 2 spindles
Daewoo Puma TT1800 SY (123)	230/210	530	65	Yes	3 m rod barn, Y-axis, C-axis, 2 spindles and tong.
Daewoo 700 LM (130)	1.030	3.200	134	Yes	Stay, C-axis, pinol
Doosan Puma 5100 LY (126)	540	2.000	165	Yes	Y-axis, C-axis and pinol
Puma 3100 XLY (119)	420	2.000	102	Yes	C-axis, Y-axis, hydraulic stay, internal pinol
Daewoo TT2000 (120)	300/250	550	65	Yes	Bar feeder, Y-axis, C-axis, 2 spindles, spline-milling unit
Doosan Puma TT1800SY (108)	230/210	530	65	Yes	2 spindles, Y-axis
Doosan Puma 5100 LMB (127)	650	2.000	165	Yes	Stay, C-axis, pinol



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MULTIAXIAL LATHES
CNC MILLING MACHINE
MULTIAXIAL MILLING MACHINE
MILLING BORINGS MACHINE

Multi axial lathes	Max. Dimensions	Max. Turning length	Penetration from spindle	Milling	Misc.
Harrison M 450 (151)	350	550	35	No	Digital display
Dalian CDS (150)	500	1.500	74	No	Digital display

Vertical CNC milling machines	Max length X (mm)	Max width Y (mm)	Max height Z (mm)	Turret	Tools	Misc.
Bridgeport 600 (202)	600	410	525	Yes	22	
Doosan DNM 650 (208)	1.270	670	625	Yes	30	
Doosan DNM 750L (207)	2.160	762	650		30	
Soraluce TA-A 35 (206)	3.500	1.200	1.250	Yes	60	Max. table load weight 10 t., Fine adjustable angle head
Bussolato with vacuum table (230)	4.150	1.905	420			
Leadwell MV-50i (2 machines) (204 & 205)	1.270	635	500	Yes	32	Golden Sun CNC-321R Ø320 mm, 4 axis
Daewoo ACE V400 (210)	560	400	170	Yes	30	Pallet changer
Daewoo VC400 (211)	560	400	570		32	2 pallets. Pallet changer
DMG Mori CMX 800 V (219)	800	560	510	Yes	30	
DMG Mori DMC 1450 V (203)	1.450	700	550	Yes	60	

Horizontal CNC milling machines	Max length X (mm)	Max width Y (mm)	Max height Z (mm)	Turret	Tools	Misc.
Okuma MX 50 HB-U (221)	700	800	700	Yes	150	10 pallets 500*500
Okuma MX 60 HB (222)	1.000	800	810	Yes	150	10 pallets 630*630
Doosan NHM 8000 (224)	1.400	1.050	1.200	Yes	256	LPS system with 16 palletes 800*800

5-axis CNC milling machine	Max length X (mm)	Max width Y (mm)	Max height Z (mm)	Turret	Tools	Misc.
Doosan VC630-5AX (225)	930	765	520	Yes	40	
DMC 85 monoBLOCK (226)	935	850	650	Yes	120	3 pallets, 630*630

Multiaxial milling machine	Max length X (mm)	Max width Y (mm)	Max height Z (mm)	Misc.
Bridgeport (240)	-	-	-	
Martin CNC-controlled plane (310)	260	160	6.000	Plastic profiles
LMC Kehlemachine (313)	-	-	-	Plastic profiles
Martin milling machine (314)		300	200	

Spline drawing	Spline size	Max. dia. inner splines mm	Misc.
HNZ 50/350-TA (641)	4-50	130	Drawing of splines on integrated turret



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CYLINDRICAL GRINDING
CNC EQUIPMENT
WELDING ROBOT
WELDING MACHINES

Cylindrical grinding	Max. Inner diameter grinding (mm)	Max. Outer diameter grinding (mm)	Max. Swing over bed (mm)	Max. Grinding length (mm)	Max. Distance between lathe centers (mm)	Misc.
Studer S 36 Favorit (631)	20-300	300	630	550	1.000	Profile Grinding

CNC equipment	Max. Length (mm)	Max. Width (mm)	Max. Pressure (ton)	Misc.
CNC flange press				
Darly hydraulic flange press (441)	4.300		500	Gassing
Darly hydraulic flange press (442)	3.100		230	Gassing
Darly hydraulic flange press (443)	3.100		135	Gassing
CNC laser cutter				
Amada 3015 X1 (501)	1.500	3.000		Changeable table
Amada 3015 X1 (502)	1.500	3.000		High bay storage with sorting
Trumf 5030 Fiber laser (505)	3.000	1.500		Tower with sorting, water cooling of steel material from 15 - 25 mm. Cutting in standard steel, brass and copper
CNC shears				
Darly shears (444)	3.000		10	
CNC cutting machine				
Messer Multi Therm (510)	13.000	3.000	10	Plasma with rotator. Acetylene cutter max. 150mm. Cuts plates up to 40 mm in 30°.

Welding robot	Length mm	Width mm	Max. weight (kg)	Special
Panasonic/Valk Welding (424)	4.000	Radius 400	2.000	6-axis industrial robot, 350A, portable programming device, 2 manipulators. MAG/TIG
Panasonic/Valk Welding (425)	4.000	Radius 400	2.000	6-axis industrial robot, 350A, portable programming device, 1 manipulator, 1 round table. MAG.
Panasonic/Valk Welding (426)	6.000 4.000	1.600	5.000	6-axis industrial robot, 450A, 2 manipulators portable programming device, water-cooled welding pistol VWp-R 500, MIG/MAG
Panasonic/Valk Welding (427)	2.000	1.100	1.000	6-axis industrial robot, 350A, portable programming device, 1 manipulator. MIG/TIG

Welding machines	Number	Type	Max Ampere
Kemppi	11	CO ₂	500
Kemppi	1	TIG, aluminum, stainless steel	400
Kemppi	2	TIG, aluminum, stainless steel	250
Kempp	6	CO ₂	400
Kemppi	3	TIG, aluminum, CO ₂	250
Kemppi	3	CO ₂	250
Kemppi	1	CO ₂	320
Kemppi	1	MIG	450



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OTHER MACHINES
CNC-3D-COORDINATE MEASUREMENT
MACHINE
CRANES

Other machines	Max. Diameter (mm)	Max. Pressure (ton)
Stenhøj Press (445)		100
Fmb automatic saw (327)	240	
Bomar automatic saw (311)	250	
Istech automatic saw (306)	430	
Cosen automatic saw (307)		
Doall automatic saw (308)	420	
Costa M36 sander (515)		
Costa MD 526 sander (517)		

3D-coordinate measuring machine	Max. Length (mm)	Max. Width (mm)	Max. Height (mm)
Zeiss optical measuring machine (720)	500	400	300
DEA Global Advantage (710)	3.000	1.200	1.000
DEA Global Classic (711)	700	700	500

Cranes	Number	Max. Lifting capacity (kg)
Travers	2	20.000
Travers	3	10.000
Travers	1	8.000
Travers	6	5.000
Track	2	1.000
Swing	1	1.600
Swing	3	500
Swing	13	250
Swing	3	125
Swing	1	80
Swing	1	60
Swing/magnet	1	100



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