

Machining Units

	Machine	Dimensions	Specifications
Machining Centers*	3 WALDRICH COBURG Multitec 2500 5-axis Portal-Machining Center	pallet: 118,11" x 78,74" (3000 x 2000 mm) clearance high: 2500 mm clearance width: 2790 mm	max. weight of work piece: 22,046 lb (10.000 kg) max. spindle rpm: 5000 1/min motor capacity: 2 x 45kW, 1 x 63kW CNC Siemens 840D
	DMU 125P HiDyn 5-axis Portal-Machining Center inkl. Turntable	pallet: 47,24" x 39,37" (1200 x 1000 mm) max. clearance high: 31,5" (700 mm)	max. weight of work piece: 4.409 lb (2.000 kg) max. spindle rpm: 8000 1/min motor capacity: 45kW CNC Siemens 840D
CNC-Vertical Boring & Turning Lathe	Kolomna 1563 Double-sided Vertical Turning Lathe	face plate diameter: 248" (6300 mm) swing: 248" (6300 mm) max. clearance high: 126" (3200 mm)	max. face plate loading: 246.552 lb (120t) rpm-range: 0,2 - 35/min range of feeds: 0.0004-157.5 inch/min (0,01 - 4000 mm/min) CNC Siemens 840D
	Dörries CT 500 / 6100 Double-sided Vertical Turning Lathe	face plate diameter: 197" 5000 mm swing: 240.15" (6100 mm) max. turning high: 94.5" (2400 mm)	max. face plate loading: 220.460 lb (100t) rpm-range: 0,26 - 50/min range of feeds: 0.0004-1.97 inch/turn (0,01 - 50 mm/U) CNC Siemens 840D
	Schiess Froriep 50 DZ Double-sided Vertical Turning Lathe	face plate diameter: 197" (5000 mm) swing: 216,54" (5500 mm) max. turning high: 118.11" (3000 mm)	max. face plate loading: 220.460 (100t) rpm-range: 0,4 - 40/min range of feeds: 0.0004-3.54 inch/turn (0,01 - 90 mm/U) CNC Siemens 805
	Froriep 16 KZ - 350 Open-side Vertical Turning Lathe	face plate diameter: 149.61" (3800 mm) swing: 149,61" (3800 mm) max. turning high: 98.43" (2500 mm)	max. face plate loading: 35.273 lb (16 t) rpm-range: 0,45 - 45/min range of feeds: 0.002-0,4" /turn (0,05-10 mm/U) CNC Siemens 840D
	Froriep KE16 Open-side Vertical Turning Lathe	face plate diameter: 66,93" (1700 mm) swing: 78.74" (2000 mm) max. turning high: 78.74" (2000 mm)	max. face plate loading: 11.023 lb (5t) rpm-range: 2,8 - 140/min range of feeds: 0.00307-0,2" /turn(0,078 - 5 mm/U)
	Schiess 13EK150 Open-side Vertical Turning Lathe	face plate diameter: 59,05" (1500 mm) swing: 59.05" (1500 mm) max. turning high: 59,05" (1500 mm)	max. face plate loading: 6.613 lb (3t) rpm-range: 2,0 - 100/min range of feeds: 0.002-0,2" /turn (0,05 - 5 mm/U)
	Boehringer DN 820 Turning Lathe	center high: 15.74" (400 mm) swing: 18.3" - 32.2" (465-820 mm) center width: 197" (5000 mm)	Max. weight of work piece: 3.307 lb (1,5 t) rpm-range: 5 - 1120/min range of feeds: 0.0004-197" /turn(0,1 - 5000mm/min) CNC-Control
	Wohlenberg Turning Lathe	center high: 26.18" (665 mm) swing: 35.43" - 49.60" (900-1260 mm) center width: 157.48" (4000 mm)	Max. weight of work piece: 5.511 lb (2,5 t) rpm-range: 3.55 - 710/min range of feeds: 0.04-236.22 inch/min (1 - 6000 mm/min) CNC-Control

* a/c controlled area, Temperatur 68°F ± 0.9°F (20°C ± 0,5°C)