

MANUFACTURER & EXPORTER OF PRECISION LATHES



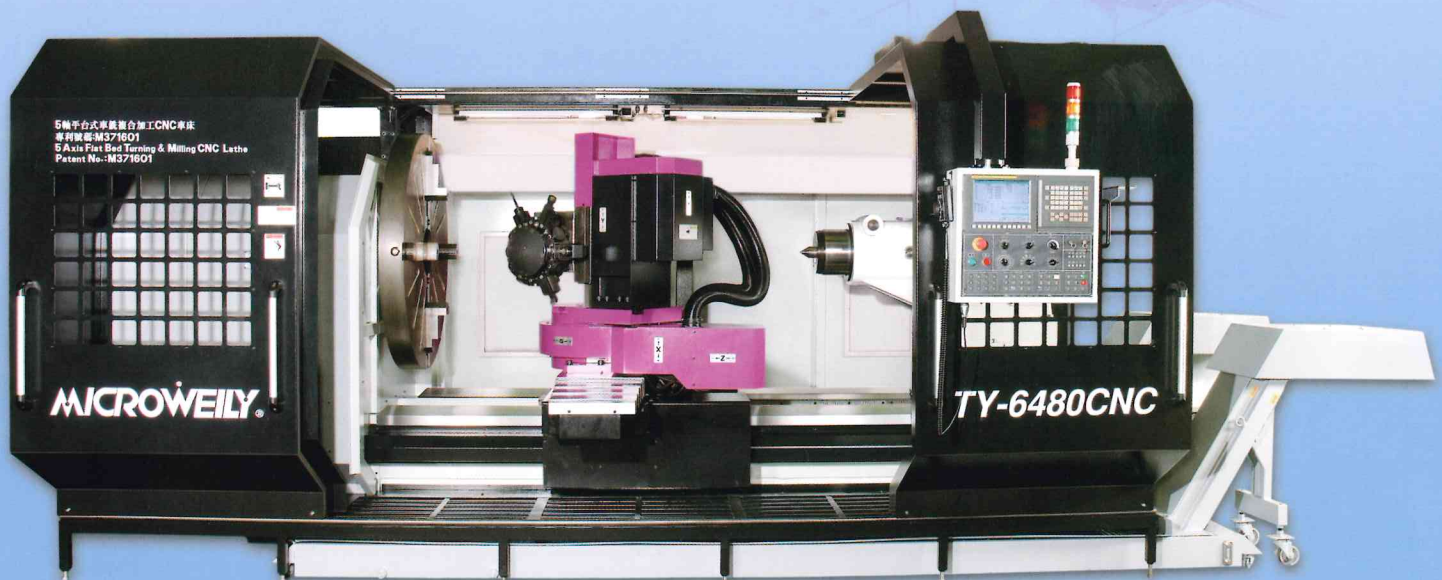
WE ARE AIMING EVEN BETTER.

MICROWEILY

HIGH PERFORMANCE CNC LATHE

TY-52/58/64 CNC SERIES

Special equipment shown in this picture are
B & Y axes, live tooling turret, face plate
and build in rotation tailstock.

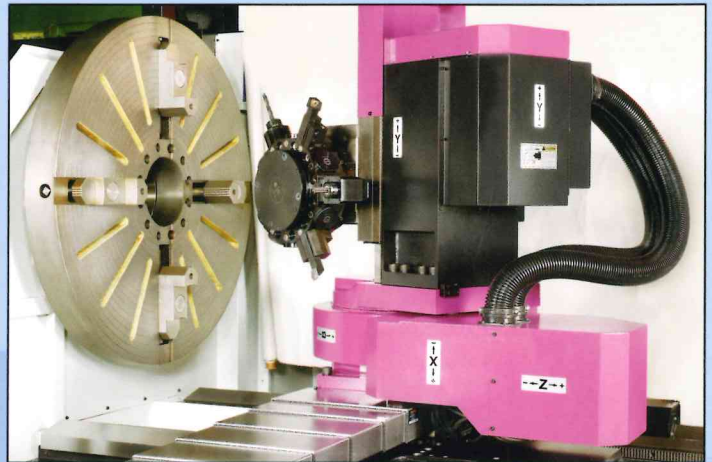


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TY-52/58/64 CNC HIGH PRECISION LATHE

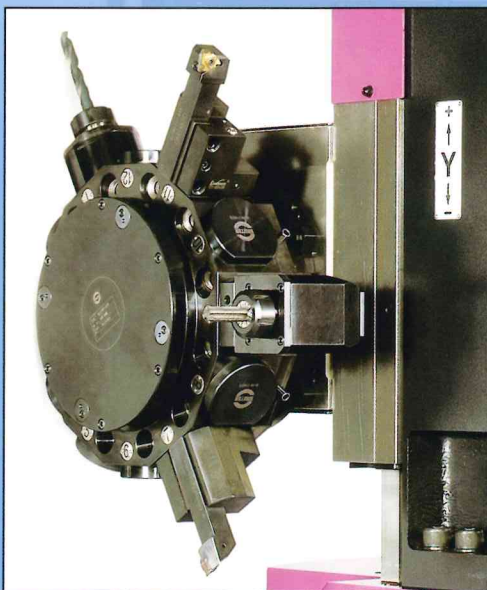
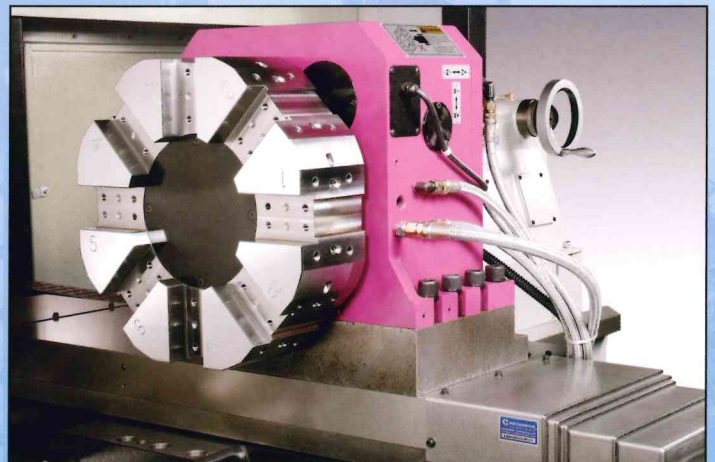
- ▶ 5 Axes mechanical live tooling turret design has been patented in many countries.



- ▶ Hydraulic turret alternative :
8 station drum turret is standard.
10 or 12 station are available (Optional).

Turret tool size : 32 mm

Turret index time : 0.3 second



- ▶ 12 Station live tooling turret provides powerful drilling, tapping, grooving & milling (Optional).

Turret tool size :
VDI 40 for B axis on 64 series.

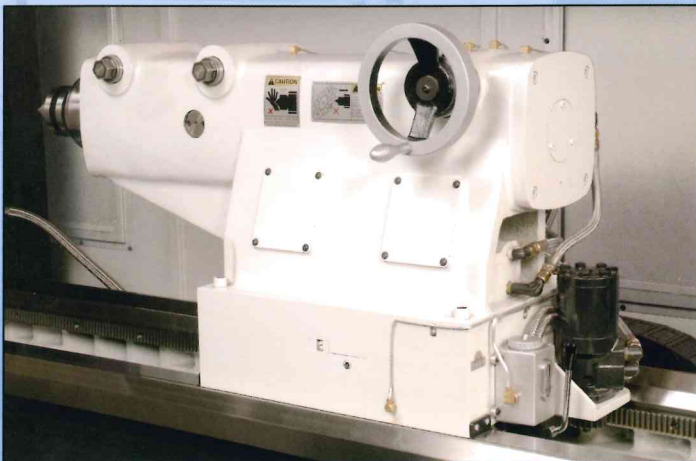
Turret tool size :
VDI 40 for B & Y axes on 64 series.

Turret tool size :
VDI 50 for Y axis on 52,58,64 series.



- ▶ Available spindle bore sizes are :
170mm, 255mm, 355mm

Cs axis spindle orientation system equips high analytic servo motor and linear scale to operate synchronously machining (Optional).



- ▶ The Hydraulic operating for tailstock body to provide easy quill position which save set up time.



- ▶ 2 Sets of chip conveyors equipped at front and rear of machine as an optimum chip removing system.

TY-52/58/64 CNC HIGH PRECISION LATHE

SPECIFICATION

SERIES	52"	58"	64"
Swing over bed	1310mm (51.58")	1480mm (58.27")	1630mm (64.17")
Swing over cross slide	840mm (33.07")	1020mm (40.16")	1180mm (46.46")
Center height	650mm (25.60")	740mm (29.13")	820mm (32.28")
Center admits between	2000mm (78.74") / 3000mm (118.11") / 4000mm (157.48") / 5000mm (196.85") 6000mm (236.22") / 8000mm (314.96") / 10000mm (393.70")		
Bed width	900mm (35.43")		
Bed length	4550mm (179.13") / 5550mm (218.50") / 6550mm (257.87") / 7550mm (297.24") 8550mm (336.61") / 10550mm (415.35") / 12550mm (494.10")		
Motor for main spindle	30HP (Standard) / 40HP or 50HP (Optional)		
Motor for coolant pump	1/4HP (Standard) / 3/4HP (Optional)		
Spindle nose	A2-11 (Standard) / A2-15 , A2-20 (Optional)		
Spindle bore	170mm (6.69") (Standard) / 255mm (10.04") , 355mm (13.97") (Optional)		
Spindle ranges	3 Steps		
Spindle speed	5-550 r.p.m. (A2-11, A2-15) / 4-400 r.p.m. (A2-20)		
Longitudinal travel (Z-axis)	2200mm (86.61") / 3200mm (125.98") / 4200mm (165.35") / 5200mm (204.72") 6200mm (244.10") / 8200mm (322.83") / 10200mm (401.57")		
Cross slide travel (X-axis)	860mm (33.86")		
Cross slide dimension	400mm X 880mm (15.75" X 34.65")		
Tailstock quill diameter / travel	250mm (9.84") / 250mm (9.84")		
Tailstock quill travel taper	MT#6		
Ballscrew diameter X axis	40mm (1.56") x P8		
Ballscrew diameter Z axis	80mm (3.13") x P10		
Rapid traverse X axis	6m/min (236"/min)		
Rapid traverse Z axis	6m/min (236"/min)		
Servo motor for X axis	AC 3.0 Kw		
Servo motor for Z axis	AC 4.0 Kw		
Machine length	5510mm (217") / 6510mm (256.30") / 7510mm (295.67") / 8510mm (335.04") 9510mm (374.41") / 11510mm (453.15") / 13510mm (531.90")		
Machine width	3420mm (134.65")		
Machine height	2630mm (103.54")		
Net weight	12000 / 13600 / 15200 / 16800 / 18400 / 21600 / 24800Kgs		
Gross weight	13500 / 15100 / 16700 / 18300 / 19900 / 23100 / 26500Kgs		
Packing dimension(LxWxH)	230"x90"x88" / 270"x90"x88" / 310"x90"x88" / 350"x90"x88" 390"x90"x88" / 470"x90"x88" / 550"x90"x88"		

*Design and specifications are subject to change without notice.



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