

POREBA[®]

MACHINE TOOLS

FEED YOUR TURNING NEED!!



POREBA[®]
MACHINE TOOLS

**Peace of mind guaranteed !
Repeat orders from happy customers !
Our machines are working in more than 50 countries worldwide !**

TRC SERIES



POREBA Flat Bed CNC lathes are designed primarily for heavy duty turning operations with dramatic productivity.

The high quality casting construction assures optimum rigidity and stability for years of reliable, troublefree operation. Great horsepower motor provides high torque in low output speed which is excellent for heavy cutting. Each machine is manufactured to the highest quality standards.

POREBA wide range of flat bed CNC lathes gives you a flexible choice. No matter which model you select, you get a lathe that can increase productivity and profits for your parts turning.

Outstanding Features:

- ✓ One piece bed floor type casting.
- ✓ Alloy steel spindle with opposed taper roller bearings.
- ✓ All gears in the headstock are hardened and precisely ground.
- ✓ 4 automatic ranges through pneumatic shifting.
- ✓ Spindle speed ranges are automatically changed by M code.
- ✓ Infinitely variable speed are commanded by S code.
- ✓ Tool change are commanded by T code.

- ✓ Auto lubrication system is equipped for headstock and carriage, cross-slide.
- ✓ Precision tapered roller bearings are equipped on the spindle and the quill.
- ✓ The quill is heat treated and precisely ground.
- ✓ Inner taper of quill can suit MT#6 dead center or live center.
- ✓ Turcite B lining is applied on cross slide and carriage for reducing friction.
- ✓ X & Z axis ball screws are protected against corrosion & chip damage.

Standard Accessories:

- ✓ Hydraulic H4 turret
- ✓ Rotatory tailstock quill with 235 mm diameter.
- ✓ Motorized tailstock body and quill movement.
- ✓ FANUC Oi-TD built-in manual guide.
- ✓ Bed Width: 560 mm.
- ✓ Front and rear chip conveyor.

Optional Accessories:

- ✓ Please see page 17 -18

TRC SERIES	TRC 880	TRC 1010	TRC 1135	TRC 1275
Swing over bed	880 mm	1010 mm	1135 mm	1275 mm
Swing over Cross Slide	510 mm	630 mm	760 mm	900 mm
Distance between Centers	1500 mm to 12000 mm in 40" increments			
Spindle Nose	A2 – 11 to A2 - 32			
Spindle Bore	6" to 22"			
Controller	Fanuc/Fagor/Siemens			
Spindle Motor	Standard: 30Hp Optional: 40Hp or 50Hp			

TRD SERIES

Outstanding Features:

- ✓ *One piece bed floor type casting.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened and precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*
- ✓ *Infinitely variable speed are commanded by S code.*
- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock & carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle & the quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite E3 lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*



SERIES	TRD 880	TRD 1010	TRD 1135	TRD 1275
Swing over bed	880 mm	1010 mm	1135 mm	1275 mm
Swing over Cross Slide	510 mm	630 mm	760 mm	900 mm
Distance between Centers	1000 / 1500 / 2000 / 3000 / 4000 / 5000 / 6000 mm			
Spindle Nose	A2 – 11 to A2 – 32			
Spindle Bore	6" to 22"			
Controller	Fanuc/Fagor/Siemens			
Spindle Motor	Standard: 30Hp Optional: 40Hp or 50Hp			

Standard Accessories:

- ✓ *Hydraulic H4 turret*
- ✓ *Rotatory tailstock quill with 145 mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed Width: 560 mm.*
- ✓ *Front and rear chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*

TRB SERIES



Outstanding Features:

- ✓ *One piece bed floor type casting.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened & precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*
- ✓ *Infinitely variable speed are commanded by S code.*
- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock and carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle and the quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite B lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*



Standard Accessories:

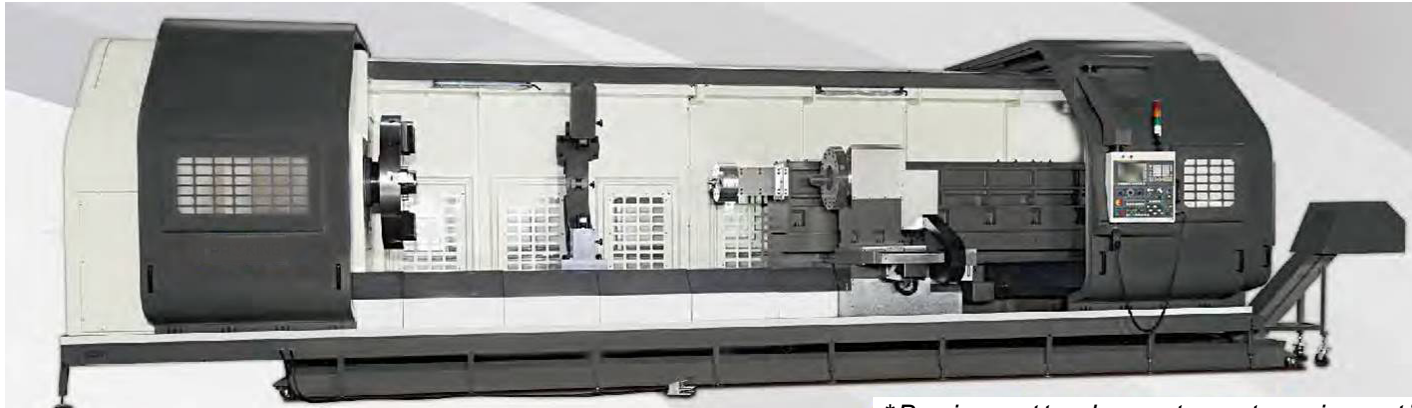
- ✓ *Hydraulic H4 turret*
- ✓ *Rotatory tailstock quill with 235mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed Width: 715 mm.*
- ✓ *Front and rear chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*

TRB SERIES	TRB 1155	TRB 1275	TRB 1525	TRB 1775
Swing over bed	1155 mm	1275 mm	1525 mm	1775 mm
Swing over Cross Slide	720 mm	840 mm	1090 mm	1340 mm
Distance between Centers	1500 mm to 12000 mm in 40" increments			
Spindle Nose	A2 – 11 to A2 - 40			
Spindle Bore	6" to 30"			
Controller	Fanuc/Fagor/Siemens			
Spindle Motor	Standard: 30Hp Optional: 40Hp or 50Hp			

BN SERIES



**Boring attachment system is optional.*

Outstanding Features:

- ✓ *One piece bed floor type casting.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened and precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*
- ✓ *Infinitely variable speed are commanded by S code.*

- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock and carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle and the quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite B lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*

BN SERIES	BN 1550	BN 1800	BN 2050
Swing over bed	1550 mm	1800 mm	2050 mm
Swing over Cross Slide	1070 mm	1320 mm	1570 mm
Distance between Centers	1500 mm to 12000 mm in 40" increments		
Spindle Nose	A2 – 15 to A2 – 40		
Spindle Bore	7" to 32"		
Controller	Fanuc/Fagor/Siemens		
Spindle Motor	Standard: 30Hp Optional: 40Hp or 50Hp		

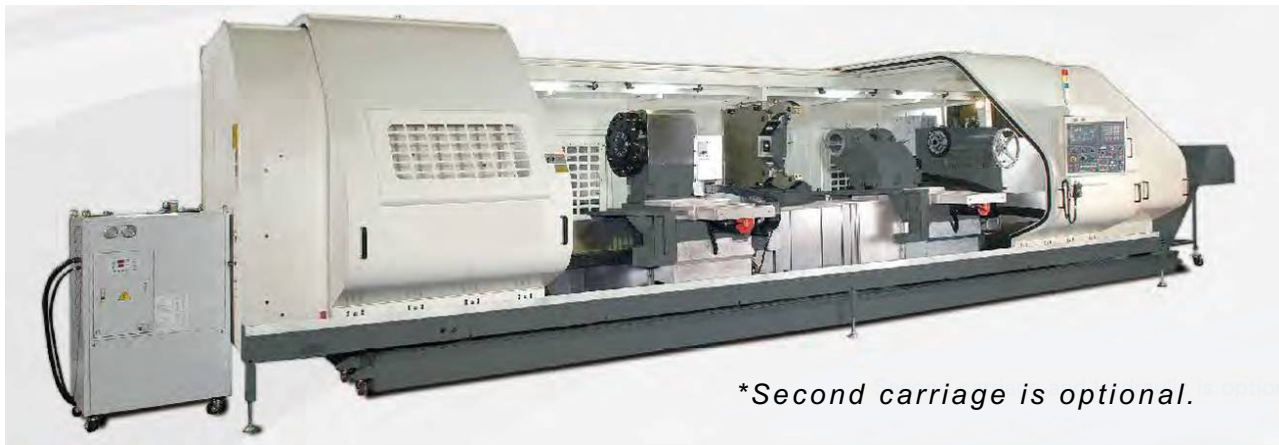
Standard Accessories:

- ✓ *Hydraulic H4 turret*
- ✓ *Rotatory tailstock quill with 235 mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed width: 920 mm.*
- ✓ *Front and rear chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*

CN SERIES



**Second carriage is optional.*

Outstanding Features:

- ✓ *One piece bed floor type casting.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened and precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*
- ✓ *Infinitely variable speed are commanded by S code.*
- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock and carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle and the quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite B lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*

Standard Accessories:

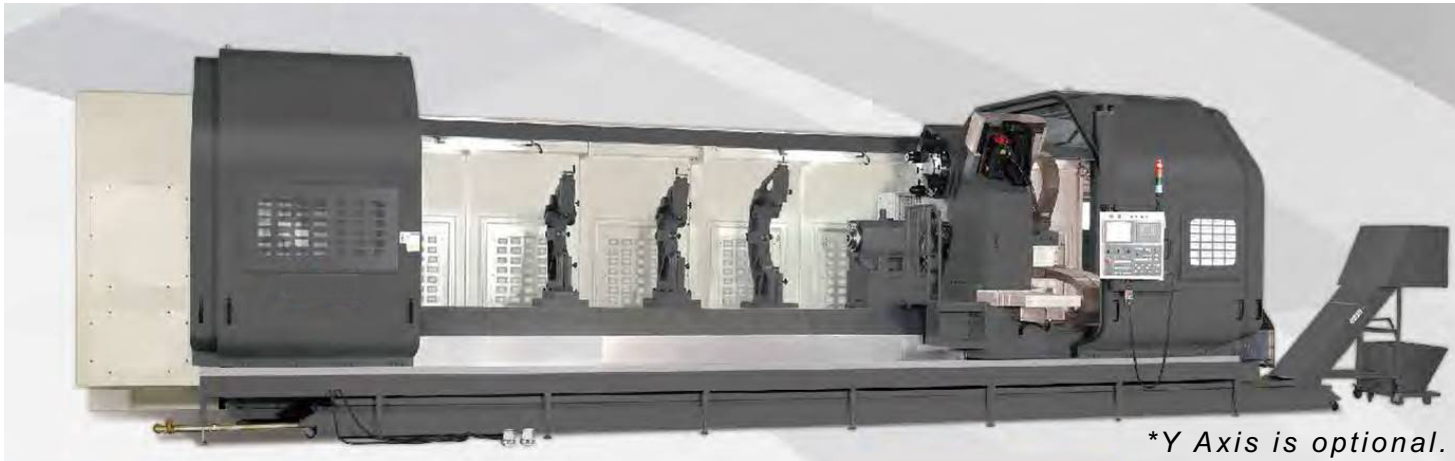
- ✓ *Hydraulic H4 turret*
- ✓ *Rotatory tailstock quill with 235mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed width: 1100 mm.*
- ✓ *Front and rear chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*

CN SERIES	CN 1300	CN 1150	CN 1800	CN 2040
Swing over bed	1300 mm	1550 mm	1800 mm	2040 mm
Swing over Cross Slide	940 mm	1190 mm	1440 mm	1340 mm
Distance between Centers	3000 mm to 12000 mm in 40" increments			
Spindle Nose	A2 – 15 to A2 – 40			
Spindle Bore	7" to 33"			
Controller	Fanuc/Fagor/Siemens			
Spindle Motor	Standard: 30Hp Optional: 40Hp or 50Hp			

DB SERIES



**Y Axis is optional.*

Outstanding Features:

- ✓ *One piece bed floor type casting.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened and precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*
- ✓ *Infinitely variable speed are commanded by S code.*

- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock and carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle and the quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite B lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*

DB SERIES	DB 2050	DB 2300	DB 2550	DB 2800
Swing over bed	2050 mm	2300 mm	2550 mm	2800 mm
Swing over Cross Slide	1620 mm	1870 mm	2120 mm	2370 mm
Distance between Centers	3000 mm to 12000 mm in 40" increments			
Spindle Nose	A2 – 15 to A2 – 40			
Spindle Bore	9" to 32"			
Controller	Fanuc/Fagor/Siemens			
Spindle Motor	Standard: 50Hp Optional: 60Hp, 75Hp or 100Hp			

Standard Accessories:

- ✓ *Hydraulic H4 turret*
- ✓ *Rotatory tailstock quill with 235 mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed width: 1350 mm.*
- ✓ *Front and rear chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*



**Tailstock with Chuck & Center device for heavy parts cutting is optional.*

Outstanding Features:

- ✓ *One piece bed floor type casting.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened and precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*
- ✓ *Infinitely variable speed are commanded by S code.*

- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock and carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle and the quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite B lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*

Standard Accessories:

- ✓ *Hydraulic H4 turret*
- ✓ *Rotatory tailstock quill with 235mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed width: 1680 mm.*
- ✓ *Front and rear chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*

TBN SERIES	TBN 2300	TBN 2550	TBN 3050	TBN 3550
Swing over bed	2300 mm	2550 mm	3050 mm	3550 mm
Swing over Cross Slide	1800 mm	2050 mm	2550 mm	3050 mm
Distance between Centers	3000 mm to 12000 mm in 40" increments			
Spindle Nose	A2 – 15 to A2 – 40			
Spindle Bore	9" to 32"			
Controller	Fanuc/Fagor/Siemens			
Spindle Motor	Standard: 50Hp Optional: 60Hp, 75Hp or 0Hp			

ST SERIES



*Tool Presetter and Hydraulic is optional.

POREBA Slat-Bed CNC lathes are designed primarily for heavy duty turning operations with dramatic productivity.

The high quality casting construction assures optimum rigidity and stability for years of reliable, trouble free operation. Great horsepower motor provides high torque in low output speed which is excellent for heavy cutting.

Each machine is manufactured to the highest quality standards.

POREBA's wide range of Slat bed CNC lathes gives you a flexible choice. No matter which model you select, you get a lathe that can increase productivity and profits for your parts turning.

Outstanding Features:

- ✓ One piece bed 60' slant bed construction ensures maximum stability and convenient chip disposal.
- ✓ Alloy steel spindle with opposed taper roller bearings.
- ✓ All gears in the headstock are hardened and precisely ground.
- ✓ 4 automatic ranges through pneumatic shifting.
- ✓ Spindle speed ranges are automatically changed by M code.
- ✓ Infinitely variable speed are commanded by S code.
- ✓ Tool change are commanded by T code.
- ✓ Auto lubrication system is equipped for headstock and carriage, cross-slide.
- ✓ Precision tapered roller bearings are equipped on the spindle and the quill.
- ✓ The quill is heat treated and precisely ground.
- ✓ Inner taper of quill can suit MT#6 dead center or live center.
- ✓ Turcite B lining is applied on cross slide and carriage for reducing friction.
- ✓ X & Z axis ball screws are protected against corrosion & chip damage.

Standard Accessories:

- ✓ V12 turret
- ✓ Rotatory tailstock quill with 235 mm diameter.
- ✓ Motorized tailstock body and quill movement.
- ✓ FANUC Oi-TD built-in manual guide.
- ✓ Bed width: 1580 mm.
- ✓ Front and rear chip conveyor.

ST SERIES	ST 940	ST 1010	ST 1095
Swing over bed	940 mm	1010 mm	1095 mm
Swing over Cross Slide	870 mm	940 mm	1025 mm
Distance between Centers	700 mm to 1700 mm in 20" increments 2200 mm to 5200 mm in 40" increments		
Spindle Nose	A2 – 15 to A2 – 32		
Spindle Bore	6" to 24"		
Controller	Fanuc/Fagor/Siemens		
Spindle Motor	Standard: 40Hp Optional: 50Hp		

Optional Accessories:

- ✓ Please see page 17 -18

LBT SERIES



**Tool Presetter and Hydraulic is optional.*

LBT SERIES	LBT 1095	LBT 1180	LBT 1265
Swing over bed	1095 mm	1180 mm	1265 mm
Swing over Cross Slide	1025 mm	1110 mm	1195 mm
Distance between Centers	700 mm to 1700 mm in 20" increments 2200 mm to 5200 mm in 40" increments		
Spindle Nose	A2 – 15 to A2 – 40		
Spindle Bore	9" to 30"		
Controller	Fanuc/Fagor/Siemens		
Spindle Motor	Standard: 40Hp Optional: 50Hp		

Outstanding Features:

- ✓ One piece bed 60' slant bed construction ensures maximum stability and convenient chip disposal.
- ✓ Alloy steel spindle with opposed taper roller bearings.
- ✓ All gears in the headstock are hardened and precisely ground.
- ✓ 4 automatic ranges through pneumatic shifting.
- ✓ Spindle speed ranges are automatically changed by M code.
- ✓ Infinitely variable speed are commanded by S code.
- ✓ Tool change are commanded by T code.
- ✓ Auto lubrication system is equipped for headstock and carriage, cross-slide.
- ✓ Precision tapered roller bearings are equipped on the spindle and the quill.
- ✓ The quill is heat treated and precisely ground.
- ✓ Inner taper of quill can suit MT#6 dead center or live center.
- ✓ Turcite B lining is applied on cross slide and carriage for reducing friction.
- ✓ X & Z axis ball screws are protected against corrosion & chip damage.

Standard Accessories:

- ✓ V12 turret
- ✓ Rotatory tailstock quill with 235 mm diameter.
- ✓ Motorized tailstock body and quill movement.
- ✓ FANUC Oi-TD built-in manual guide.
- ✓ Bed width: 1730 mm.
- ✓ Front chip conveyor.

Optional Accessories:

- ✓ Please see page 17 -18

CS SERIES



Outstanding Features:

- ✓ *One piece bed 45' slant bed construction ensures maximum stability and convenient chip disposal.*
- ✓ *Alloy steel spindle with opposed taper roller bearings.*
- ✓ *All gears in the headstock are hardened and precisely ground.*
- ✓ *4 automatic ranges through pneumatic shifting.*
- ✓ *Spindle speed ranges are automatically changed by M code.*

- ✓ *Infinitely variable speed are commanded by S code.*
- ✓ *Tool change are commanded by T code.*
- ✓ *Auto lubrication system is equipped for headstock & carriage, cross-slide.*
- ✓ *Precision tapered roller bearings are equipped on the spindle & quill.*
- ✓ *The quill is heat treated and precisely ground.*
- ✓ *Inner taper of quill can suit MT#6 dead center or live center.*
- ✓ *Turcite B lining is applied on cross slide and carriage for reducing friction.*
- ✓ *X & Z axis ball screws are protected against corrosion & chip damage.*

CS SERIES	CS 1095	CS 1180
Swing over bed	1095 mm	1180 mm
Swing over Cross Slide	1025 mm	1110 mm
Distance between Centers	700 mm to 1700 mm in 20" increments 2200 mm to 5200 mm in 40" increments	
Spindle Nose	A2 – 15 to A2 – 40	
Spindle Bore	9" to 30"	
Controller	Fanuc/Fagor/Siemens	
Spindle Motor	Standard: 40Hp Optional: 50Hp	

Standard Accessories:

- ✓ *V12 turret*
- ✓ *Rotatory tailstock quill with 160 mm diameter.*
- ✓ *Motorized tailstock body and quill movement.*
- ✓ *FANUC Oi-TD built-in manual guide.*
- ✓ *Bed width: 1145 mm.*
- ✓ *Front chip conveyor.*

Optional Accessories:

- ✓ *Please see page 17 -18*

Optional Accessories



**3-Jaw
Scroll Chuck**
(Direct Mount)



**4-Jaw Independent
Chuck**
(Semi-steel body type)



**4-Jaw
Independent
Chuck**
(Steel body type)



**4-Jaw
independent
Chuck**
(Face plate type)



**4-Jaw
independent
Chuck**
(Top Jaw Type)



**3-Jaw
Hydraulic
Chuck**



**6-Jaw Hydraulic
Chuck**



**3-Jaw
Pneumatic
Chuck**



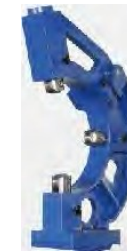
3-Point Steady Rest
FIXED (Closed type)
ψ 30 - 400 mm (1.18" - 15.74")
ψ 350 - 700 mm (13.77" - 27.55")
ψ 600 - 1000 mm (23.62" - 39.37")



4-Point Steady Rest
U shape (Opened type)
ψ 160 - 450mm (6.29" - 17.71")
ψ 450 - 700mm (17.71" - 27.55")
ψ 600 - 1000mm (23.62" - 39.37")



3-point Follow Rest
(Movement with carriage)
ψ 30-300mm (1.18"-
11.81")



C-Type Steady Rest



Hydraulic Steady Rest



**Roller support
Type A**



**Roller support
Type B**

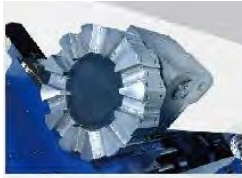


**Tailstock with
Chuck & Center**
(Heavy parts cutting)



**Boring Bar Tool Holder
with linearrails**

Optional Accessories



**Baruffaldi TB320
Servo turret with
polygon disc**



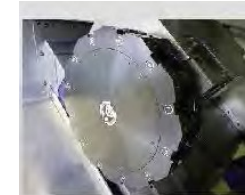
**Baruffaldi TB400
Servo Turret with
polygon disc**



**Baruffaldi TB
Servo Turret
with VDI disc**



**Baruffaldi TBMA
Power Turret with
VDI disc**



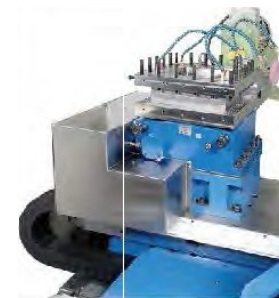
**Baruffaldi TB
Power Turret
with BMT disc**



**Hydraulic H4
Turret**



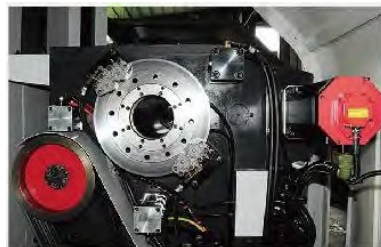
**Hydraulic H6
Turret**



**Grinding
Accessories**



**Servo Milling
Accessories**



**C-Axis function
(Heidenhain measuring
angles with angle
encoders)**



**Renishaw Tool
Presetter**

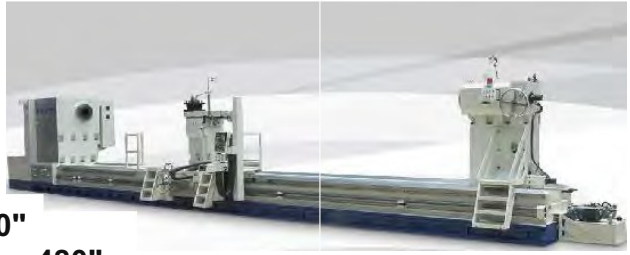


**Sliding type
Manual Rear Chuck
Guard**



**Sliding type
Auto Rear Chuck
Guard**

The Machine Tool Authority



**Spindle bore 9"
Swing over bed 120"
Distance between centers 480"**



**Spindle bore 12"
Swing over bed 55"
Distance between centers 480"**



**Spindle bore 9"
Swing over bed 60"
Distance between centers 240"**



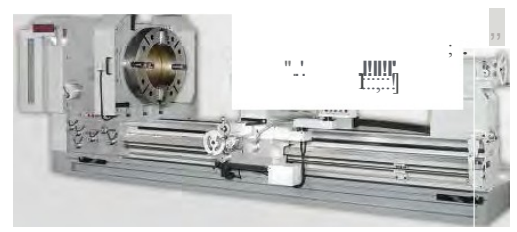
**Spindle bore 18"
Swing over bed 60"
Distance between centers 100"**



**Spindle bore 6"
Swing over bed 45"
Distance between centers 160"**



Turret Series



**Conventional Hollow
Spindle Lathes**



**Conventional Hollow
Spindle Lathes**



**Ruggedly built vertical lathes that offer
precision and efficient turning operations**