

HyperLathe

- › Powerful 3.5 HP pneumatic drive generating 7500 Nm (5,530 ft.lbs) torque on the cutter blade. Variable speed control 0-10 rpm.
- › No need for extra gear box that reduces the rpm and multiplies the torque. It comes as standard!
- › 4" One piece locking shaft with build in jaws, eliminates the issue of broken or loosening retaining springs and o-rings
- › One mandrel covers complete working range.
- › Innovative 6 point locking system assures maximum stability during all machining operations.
- › Only one mandrel and 10 Jaw sets needed to cover machines entire range.
- › Self-centering shaft with build in jaws.
- › Wide Clamps produce superior clamping force for chatter free end preps.
- › Fully portable for on-site and Fab-shop work.
- › Available for sale or rent.



STANDARD WORKING RANGE*			MOTOR PARAMETERS		
APPLICATION RANGE	LOCKING RANGE (ID)	FEED STROKE	POWER	FREE SPEED	TORQUE
101 – 508 mm	101 – 500 mm	60 mm	3,5 Hp	10 Rpm	7500 Nm
4,0 – 20,0"	4,0 – 19,6"	2,4"			5530 Ft.Lbs

RECOMMENDED FOR: Pipe facing ■ Pipe beveling

Air use:	85 cfm	2,8 m³/min	Air pressure:	90 PSI	6,2 Bar	Body weight:	84 kg	185 Lbs	Body dim.	800*425*400 mm	31*17*16"
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* other capacity and locking range are available – please consult factory!

6 POINT LOCKING JAWS



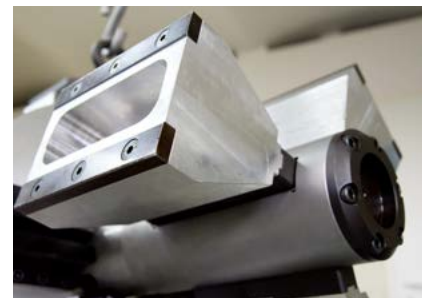
The Innovative, 6 points jaws, effectively lock the machine within the pipe, allowing safe, efficient and smooth processing of the tube end.

POWERFUL MOTOR UNIT



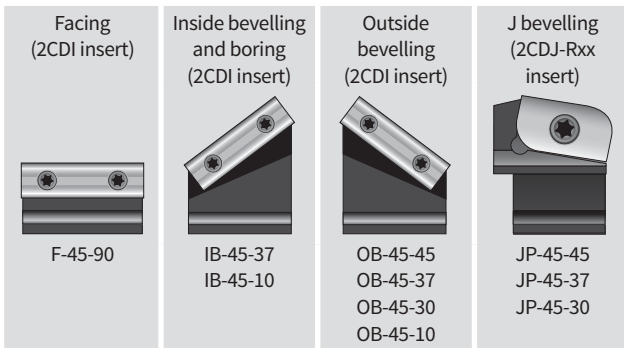
Powerful and efficient drives dedicated for our Lathe series beveling machines. 10 rpm and 7500 Nm (5530 Ft.Lbs) torque on the cutter blade is a standard feature.

UNIQUE SHAFT DESIGN



100 mm (4") shaft, assures rigidity when machining heavy wall pipe. The jaws are fully contained within the shaft with no need for retaining springs or O-rings that easily brake or get lost.

HOLDERS FOR HYPERLATHE



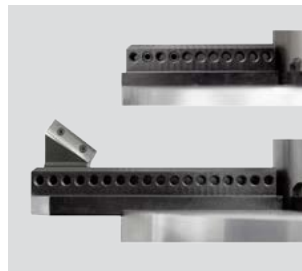
For other tool bits please send your request.

HEAVY DUTY PENDANT



Machine is equipped with a heavy duty pendant. This can be attached to both sides of the motor for operator convenience.

EXTENDABLE HOLDERS



Extended tool holders can increase the range of the machine due its extremely powerful pneumatic drive.

OPTIONAL MOTOR UNITS



The HyperLathe can also be supplied as an electric version, with a 3200 Watt heavy duty motor.



Another option is an hydraulic motor HTP series. Capacity depends on application.

HYPERLATHE PERFORMANCE



ID Clamping End Prep Tool 4" I.D. to 19" O.D. 101,4 mm I.D. to 500,0 mm O.D.



LOCKING RANGES WITH STANDARD JAWS

Jaw set	ID Capacity [mm]		Segment A	Segment B	Segment C
	Min	Max			
HL-42	100	120	x	x	x
HL-42	120	140	HL-42-A-100	x	x
HL-42	140	160	HL-42-A-200	x	x
HL-42	160	180	HL-42-A-300	x	x
HL-42	180	200	HL-42-A-400	x	x
HL-42	200	220	HL-42-A-500	x	x
HL-42	220	240	x	HL-42-B	x
HL-42	240	260	HL-42-A-100	HL-42-B	x
HL-42	260	280	HL-42-A-200	HL-42-B	x
HL-42	280	300	HL-42-A-300	HL-42-B	x
HL-42	300	320	HL-42-A-400	HL-42-B	x
HL-42	320	340	HL-42-A-500	HL-42-B	x
HL-42	340	360	x	x	HL-42-C
HL-42	360	380	HL-42-A-100	x	HL-42-C
HL-42	380	400	HL-42-A-200	x	HL-42-C
HL-42	400	420	HL-42-A-300	x	HL-42-C
HL-42	420	440	HL-42-A-400	x	HL-42-C
HL-42	440	460	HL-42-A-500	x	HL-42-C



Machining pipe 18" schedule 160