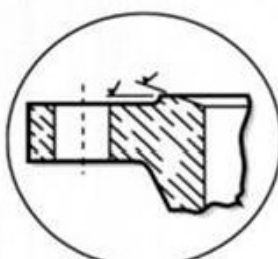


MM1875ie – Flange facing machine 0 – 170" (0 – 4300mm)



A unique new concept in flange facing with the machine having the capability to mount internally or externally. A milling option is also available.

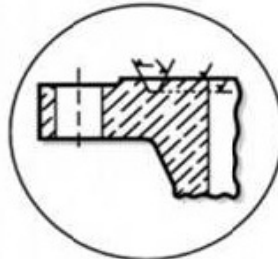
- **Induction hardened 'V' rails**
- **Patented 360° powered tool post**
- **Ball screw to minimize backlash**
- **2 continuous groove facing / boring feeds**
- **Adjustable fast set clamping jaws**
- **Linear bearing with separate base**
- **Orbital milling (option)**



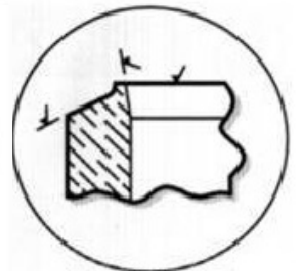
'LENS' RING



PROFILE GROOVES



RTJ 'V' GROOVES



WELD PREPS

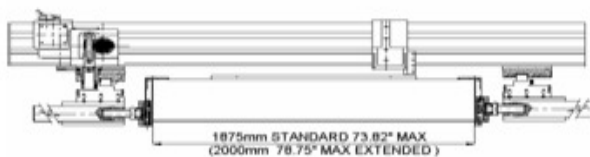
MM1875ie Technical Details

RANGE		
Min. / Max. clamping diameter (External)	1000 - 1875mm	40 - 73"
Min. / Max. clamping diameter (Internal)	2275 - 3800mm	89 - 150"
Min. / Max. turning diameters (External)	0 - 1875mm	0 - 72"
Min. / Max. turning diameters (Internal)	2275 - 4300mm	89 - 170"
Drive - hydraulic	5.0 Hp	3.73 Kw
Drive - pneumatic (Not recommended)	3.5 Hp	2.61 Kw
Min. / Max. R.P.M (standard motors)	5	12
Tool Post down Feed	125mm	5"
Hydraulic supply @ 1050 psi (70 bar)	50 L/min	13 gal/min
Air Consumption / supply required	98 s.c.f.m	2.42 m3/m

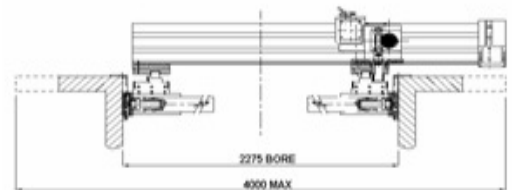
FEED RATES		
Min. / Max Facing feeds (2 off IN / OUT)	0.10 - 0.81mm	0.004" - 0.032"
Min. / Max. Boring feeds (2 off UP/DOWN)	0.03 - 0.25mm	0.001" - 0.010"

WEIGHTS AND DIMENSIONS			
Machine weight (not including the base)	1000 kgs	2200 lbs	
Shipping weight (inc. int. / ext. base rings)	3530 Kgs	7760 lbs	
Shipping dimensions	L - 250cm - (98")	W- 250cm (98")	H- 60cm (24")

External mounting



Internal mounting



The machine is supplied complete with drive ring, drive motor and gearbox, facing feed /direction gearbox and reduction, facing arm and 360° swivel power feed tool post, internal /external separate mounting base plates, jaw blocks and 8 of clamping jaws - 4 off which are adjustable, toolkit including cutting tools and tool post extensions, air filter lubricator and hose connection (when required), all required bolts and storage / shipping box, CE certificate, Packing list and Manual