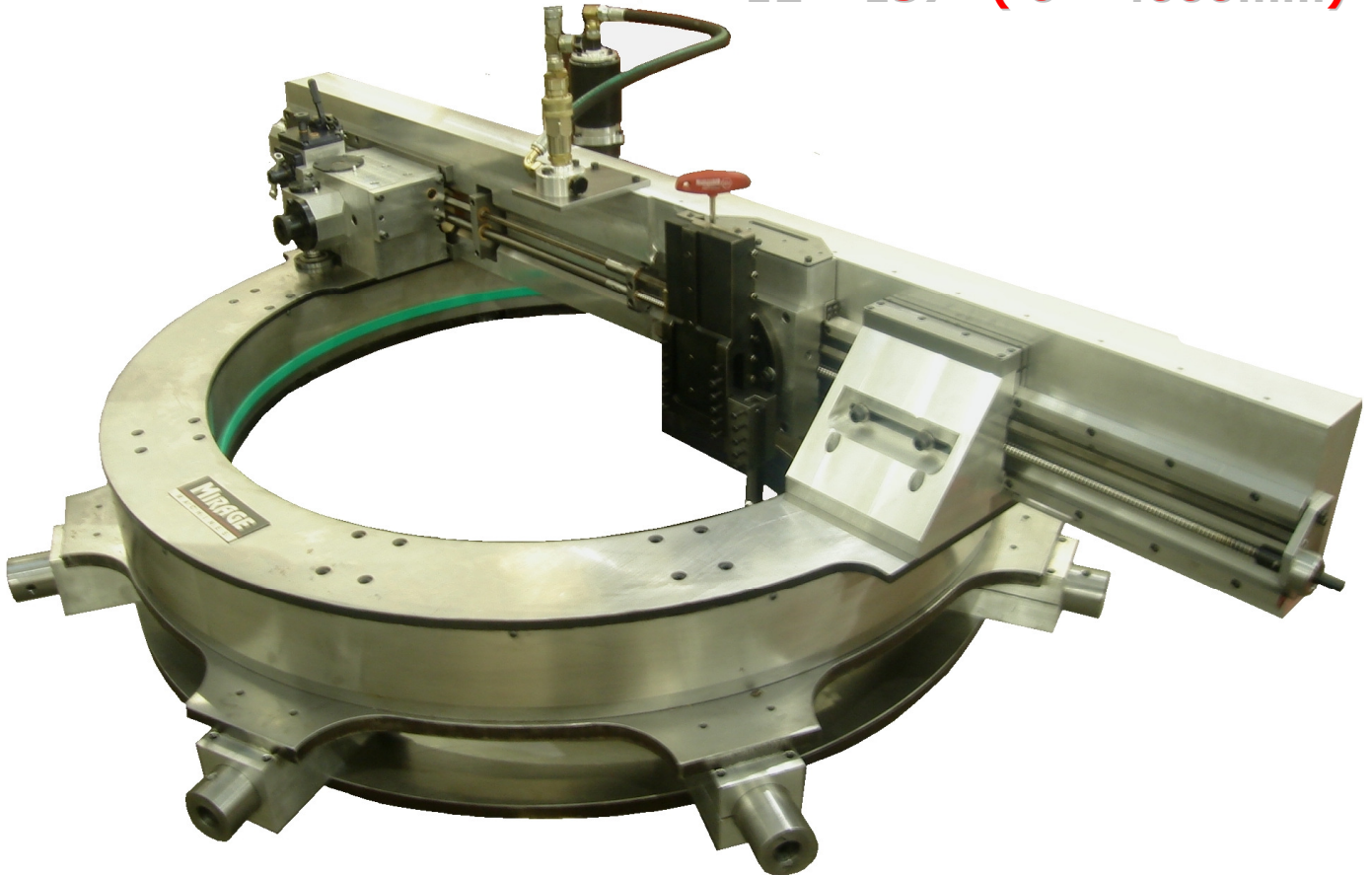


**MM1080ie – Flange facing machine**  
**12 – 157" ( 0 – 4000mm)**



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

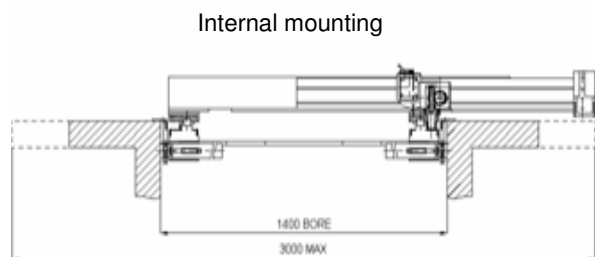
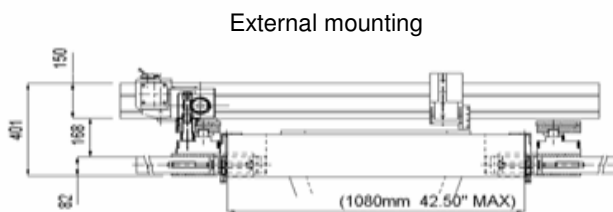
- ***Internal and external mounting***
- ***Precision drive bearing***
- ***3 continuous groove facing / boring feeds***
- ***Quick set base***
- ***Orbital milling (option )***

# Technical Details

RANGE		
Min. / Max. turning diameters (External)	305 - 1067mm	12 - 42"
Min. / Max. turning diameters (Internal)	1400 - 4000mm	55 - 157"
Min. / Max. clamping diameter (External)	500 - 1067mm	20 - 42"
Min. / Max. clamping diameter (Internal)	1400 - 2800mm	55 - 110"
Drive - hydraulic	5.0 Hp	3.7 Kw
Drive - pneumatic	4.0 Hp	3.0 Kw
Min. / Max. R.P.M (standard motors)	5	12
Tool Post down Feed	100mm	4"
Hydraulic supply @ 1050 psi (70 bar)	50 L/min	13 gal/min
Air Consumption / supply required	98 s.c.f.m	2.69 m3/m

FEED RATES		
Facing feed rates (In/Out per rev)	0.20 - 0.32 -0.80mm	0.008 - 0.012 - 0.032"
Boring feed rates (Up/Down per rev)	0.05 - 0.10 - 0.20mm	0.002 -0.004 - 0.008"

WEIGHTS AND DIMENSIONS		
Machine weight (not including the base)	1300 kgs	2860 lbs
Shipping weight	5835 Kgs	12837 lbs
Shipping dimensions - base	233cm (92") x 210cm (83") x 119cm (47")	
Shipping dimensions - Legs	349cm (137") x 158cm (62") x 70cm (28")	
Shipping dimensions - Drive	127cm (50") x 81cm (32") x 136cm (54")	



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 have adjustable height setting, 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



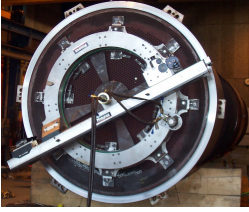
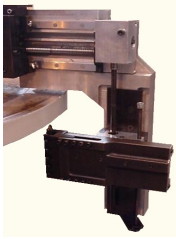
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# MM1080ie Optional Accessories

<u>Machine order option</u> <b>MM1080ie</b> - Flange facing machine complete with 4.0hp pneumatic drive	<u>Machine order option</u> <b>MM1080ie-H</b> Flange facing machine complete with 5.0hp hydraulic drive
 <p><b>MM1080ie-11</b> Orbital milling kit - Milling spindle , reduction drive, distributor hose kit to give the MM1080ie milling capability</p>	 <p><b>HYPP60-3ph</b> 11 kw hydraulic power pack 60 Lpm / 30 Lpm @ 70 bar (1050 psi) – 380/440v 3 phase or country equivalent. Pendant control</p>
 <p><b>MM1080ie-19</b> Tube sheet mounting kit - Mount the MM1080ie to tube sheets efficiently</p>	 <p><b>MM1080ie-20</b> Tube sheet back facing kit - Machine heat exchanger flange back faces in one setup.</p>