

# Flange Facing Machines

## External Mount Flange Facing Machines



### MM200E

- Preloaded cross roller bearing drive, ensuring robust, accurate, repeatable machining
- Hardened slideways for long term accuracy
- Swivel toolpost for groove details, reduces the need for separate accessories
- Continuous fixed feed for ASME standard surface finish
- Quick set integrated clamping jaws.



### MM300E

- Preloaded cross roller bearing drive, ensuring robust, accurate, repeatable machining
- Hardened slideways for long term accuracy
- Swivel toolpost for groove details, reduces the need for separate accessories
- Multiple continuous fixed feeds for ASME standard surface finishes
- Quick set intergrated clamping jaws.



### MM600E

- Preloaded cross roller bearing drive, ensuring robust, accurate, repeatable machining
- Hardened slideways for long term accuracy
- Power feed 360 swivel toolpost for groove details, reduces the need for separate accessories
- Multiple continuous fixed feeds for ASME standard surface finishes
- Quick set intergrated clamping jaws.



### MM760E, MM1000E, MM1250E, MM1500E, MM1775E, MM2000E

- Continuous variable auto-feed for ASME standard finishes
- Choice of pneumatic and hydraulic drive motors
- Quick-set radial clamping adjustment
- Quick-set axial adjustment jaws
- Heavy duty bearing construction for high metal removal rates and accuracy
- Heat exchanger kits for back facing and slot machining in one operation.

## External Mount Flange Facing Machines

Flange Facing Diameter Range		Machine Model Number	Drive Power Options	
(inch)	(mm)		Pneum.	Hydr.
0 – 8	0 – 203	MM200E	•	
0 – 12	0 – 305	MM300E	•	
0 – 24	0 – 610	MM600E	•	
0 – 30	0 – 762	MM760E	•	•
0 – 40	0 – 1016	MM1000E	•	•
0 – 50	0 – 1270	MM1250E	•	•
0 – 60	0 – 1524	MM1500E	•	•
0 – 70	0 – 1778	MM1775E	•	•
0 – 80	0 – 2032	MM2000E	•	•

## FF MM Series



Internal Mount Facing Diameter:

**1 - 161" / 25,4 - 4100 mm**

External Mount Facing Diameter:

**0 - 80" / 0 - 2032 mm**

Cutting Resultant Roughness:

**Ra 125-492  $\mu$ in / 3,2-12,5  $\mu$**



### Surface finish & accuracy

All flange facing machines provide a serrated finish with 30-55 grooves per inch and a resultant roughness of between Ra 3,2-12,5 $\mu$  (125-492 micro inches). Geared multiple continuous groove facing feeds for a gramophone finish (ASME Standard).

▼ MM600E external mount flange facing machine to ensure flange joint integrity.

