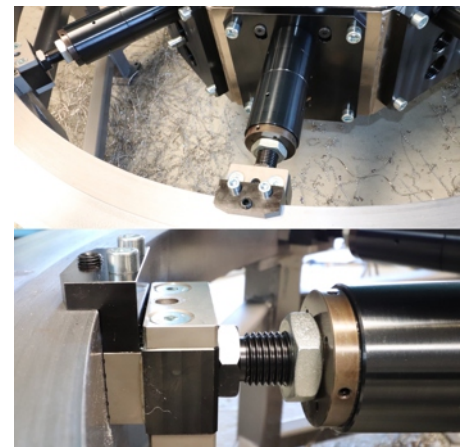
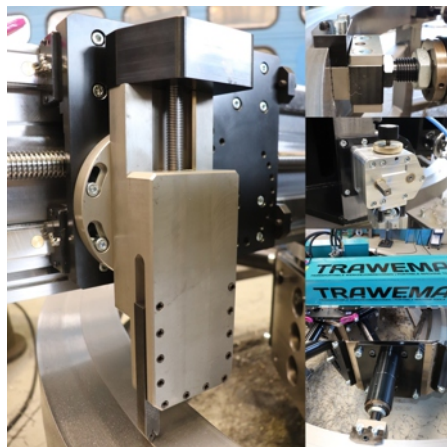
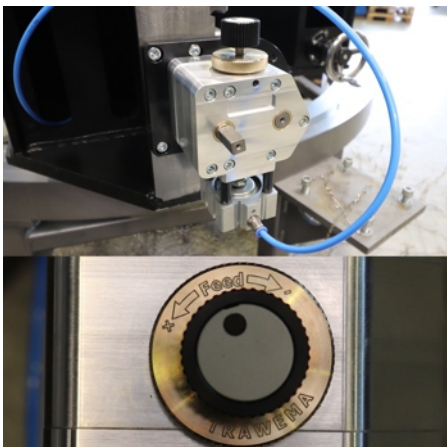


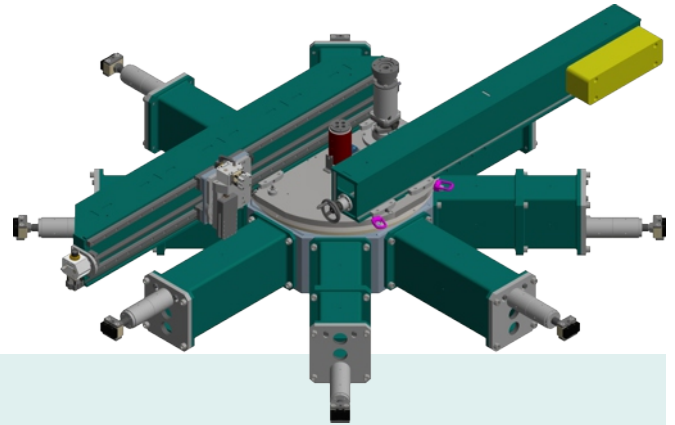
## P O R T A B L E F L A N G E F A C I N G M A C H I N E

### KEY FEATURES:

- Multi-purpose turning arm (2-axis milling machine and turning arm)
- Extremely rigid design and robust
- Precision machined turning arm with internal rib arrangement
- Pre-loaded guideway system for Y-axis with metric ACME leadscrew
- Leadscrew through the full length of turning arm
- Feed system either pneumatic or electric
- Pneumatic feed rate: 0,08mm - 0,8mm per/REV
- High tolerance, precision preloaded bearing is used for the main body construction
- Tool holder assembly rotates 360° providing the capacity to machine chamfers, O-ring grooves and other angular flanges
- Machine can be mounted either ID or OD
- Easy adjustment of both turning arm and counterweight
- Hydraulic, pneumatic and/or servo-electric motor variations available
- ISO 40 spindle for milling application available



### TECHNICAL DETAILS & INFORMATION



#### MACHINE RANGE:

ID:	Mounting range
	Turning diameter range
	Milling diameter range
	Grinding diameter range
	Swing diameter (min with feed box attached)
	Radial tool slide travel
	Axial tool slide travel

#### METRIC MEASUREMENT

Ø1100 mm - 4500 mm
Ø1100 mm - 5050 mm
Ø1100 mm - 5050 mm
Ø1100 mm - 5050 mm
3130 mm
min. Ø950mm – max. Ø3050mm
130 mm

#### SURFACE MOUNT:

Minimum machining diameter	Ø1000 mm
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#### MILLING OPTION:

Milling spindle ISO 40 with vertical axis slide	200 mm
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#### ROTATION DRIVE:

Drive gear to inner ring gear ratio	7:1 (i)
Drive type	pneumatic, hydraulic or servo-electric
Max. torque (constant) – based on hydraulic motor provided	1360 Nm
Max. allowed input pressure for hydraulic motor (constant)	60 bar

#### TURNING (SINGLE POINT) SPEED RANGE:

Hydraulic (rated @ 30 l/min HPU flow capacity)	1-18 min <sup>-1</sup>
(rated @ 60 l/min HPU flow capacity)	1-35 min <sup>-1</sup>

#### MEASUREMENTS (WEIGHTS & DIMENSIONS):

ID machine weight	(approx.) 2100 kg
with milling assembly	(approx.) 2160 kg
OD machine weight	(approx.) 2250 kg
with milling assembly	(approx.) 2310 kg
Base machine crate (ID and OD machines)	(WxDxH)
Wooden crate	2430 mm x 1240 mm x 1050 mm
Metal crate	2530 mm x 1350 mm x 1150 mm
Extension leg crate (ID and OD machines)	(WxDxH)
Wooden crate	2350 mm x 1090 mm x 530 mm
Metal crate	2450 mm x 1190 mm x 800 mm