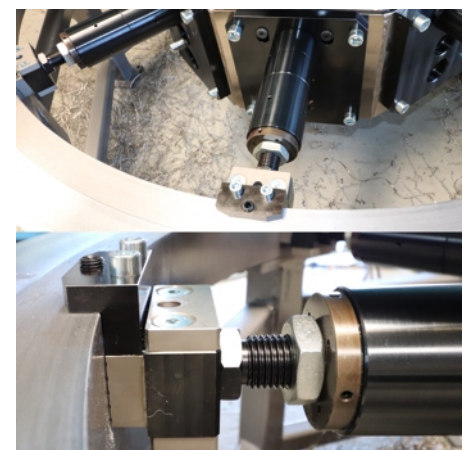
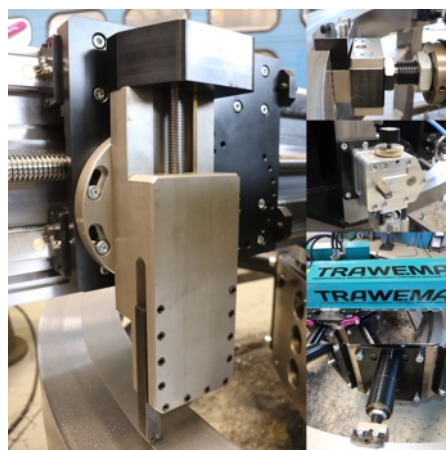
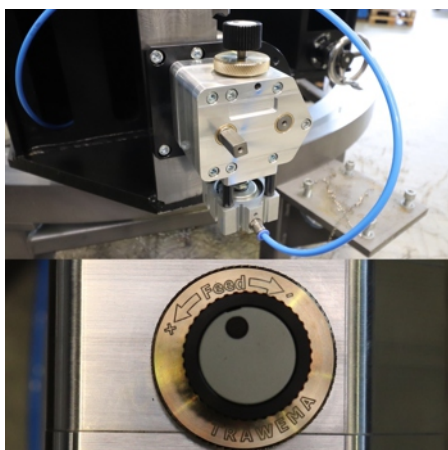




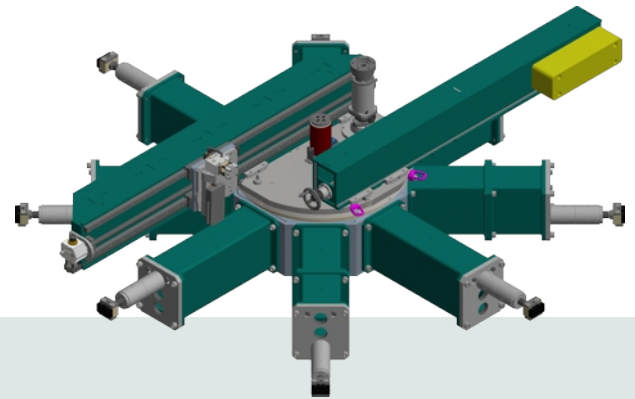
P O R T A B L E F L A N G E F A C I N G M A C H I N E

KEY FEATURES:

- Multi-purpose turning arm (2-axis milling machine and turning arm)
- Extremely rigid and robust design
- 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:

<p>ID:</p> <ul style="list-style-type: none"> Mounting range Turning diameter range Milling diameter range Grinding diameter range Swing diameter (min. with feed box attached) Swing diameter (max. with feed box attached) Radial tool slide travel Axial tool slide travel 	<p>METRIC MEASUREMENT</p> <ul style="list-style-type: none"> Ø1100 mm - 3000 mm Ø1100 mm - 3050 mm Ø1100 mm - 3050 mm Ø1100 mm - 3050 mm 2260 mm 3250 mm 800 mm 130 mm
<p>OD:</p> <ul style="list-style-type: none"> Mounting range Turning diameter range Milling diameter range Grinding diameter range 	<ul style="list-style-type: none"> Ø2260 mm - 3500 mm Ø1100 mm - 3050 mm Ø1100 mm - 2890 mm Ø1100 mm - 2990 mm
<p>SURFACE MOUNT:</p>	<p>Minimum machining diameter</p> <p>Ø1000 mm</p>
<p>MILLING OPTION:</p>	<p>Milling spindle ISO 40 with vertical axis slide</p> <p>200 mm</p>
<p>ROTATION DRIVE:</p> <ul style="list-style-type: none"> Drive gear to inner ring gear ratio Drive type Max. torque (constant) – based on hydraulic motor provided Max. torque (intermitted 2) – based on hydraulic motor provided Max. allowed input pressure for hydraulic motor (constant) Max. allowed input pressure for hydraulic motor (intermitted) Max. allowed input pressure for hydraulic motor Turning (single point) speed range: <ul style="list-style-type: none"> Hydraulic (rated @ 30 l/min HPU flow capacity) (rated @ 60 l/min HPU flow capacity) 	<ul style="list-style-type: none"> 5.2:1 (i) pneumatic, hydraulic or servo-electric 1560 Nm 2180 Nm 70 bar 100 bar 140 bar 1-18 min⁻¹ 1-35 min⁻¹

MEASUREMENTS (WEIGHTS & DIMENSIONS):

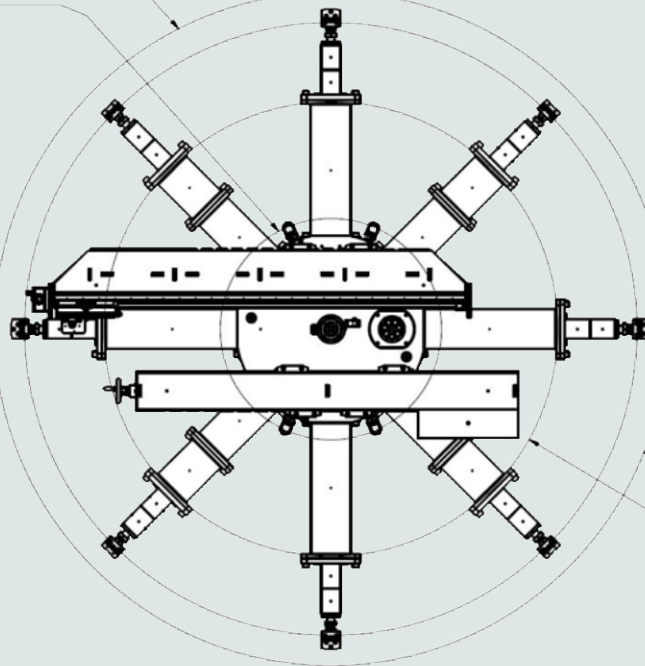
<p>ID machine weight</p> <p>with milling assembly</p>	<p>(approx.) 1845 kg</p> <p>(approx.) 1905 kg</p>
<p>OD machine weight</p> <p>with milling assembly</p>	<p>(approx.) 1850 kg</p> <p>(approx.) 1890 kg</p>
<p>Base machine crate (ID and OD machines)</p> <p>Wooden crate</p> <p>Metal crate</p>	<p>(W x D x H)</p> <p>2430 mm x 1240 mm x 1050 mm</p> <p>2530 mm x 1350 mm x 1150 mm</p>
<p>Extension leg crate (ID and OD machines)</p> <p>Wooden crate</p> <p>Metal crate</p>	<p>(W x D x H)</p> <p>2350 mm x 1090 mm x 530 mm</p> <p>2450 mm x 1190 mm x 800 mm</p>

SINGLE POINT MACHINING:

Machining Diameter Range:

Max: $\varnothing 3050\text{mm}$

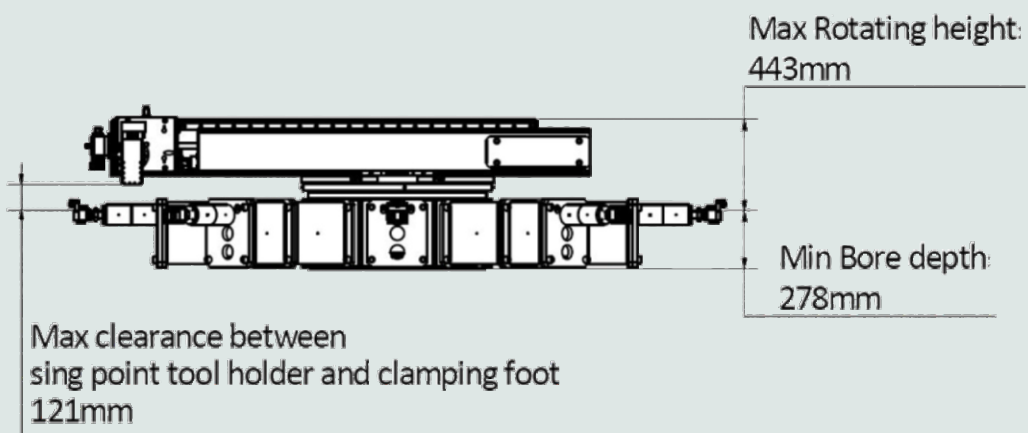
Min: $\varnothing 1100\text{mm}$



Swing Diameter Range:

Max: $\varnothing 3250\text{mm}$

Min: $\varnothing 2260\text{mm}$



Max Rotating height:
443mm

Min Bore depth:
278mm

Max clearance between
sing point tool holder and clamping foot
121mm

MILLING APPLICATION:

