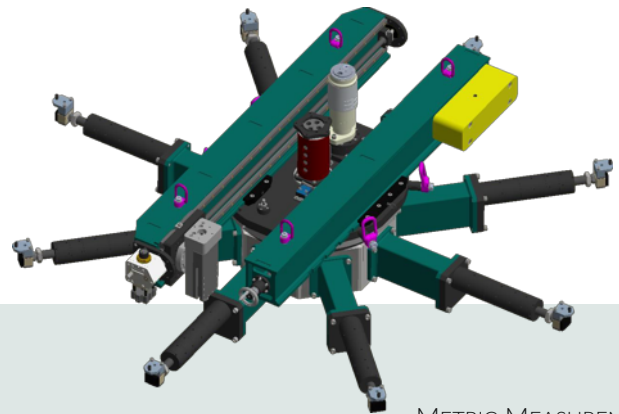


P O R T A B L E F L A N G E F A C I N G M A C H I N E

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: 0,08 mm - 0,8 mm 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	METRIC MEASUREMENT
	Turning diameter range	Ø710 mm - 1900 mm
	Milling diameter range	Ø735 mm - 2050 mm
	Grinding diameter range	Ø735 mm - 2050 mm
	Swing diameter (min. with feed box attached)	1580 mm
	Swing diameter (max. with feed box attached)	2433 mm
	Radial tool slide travel	800 mm
	Axial tool slide travel	150 mm

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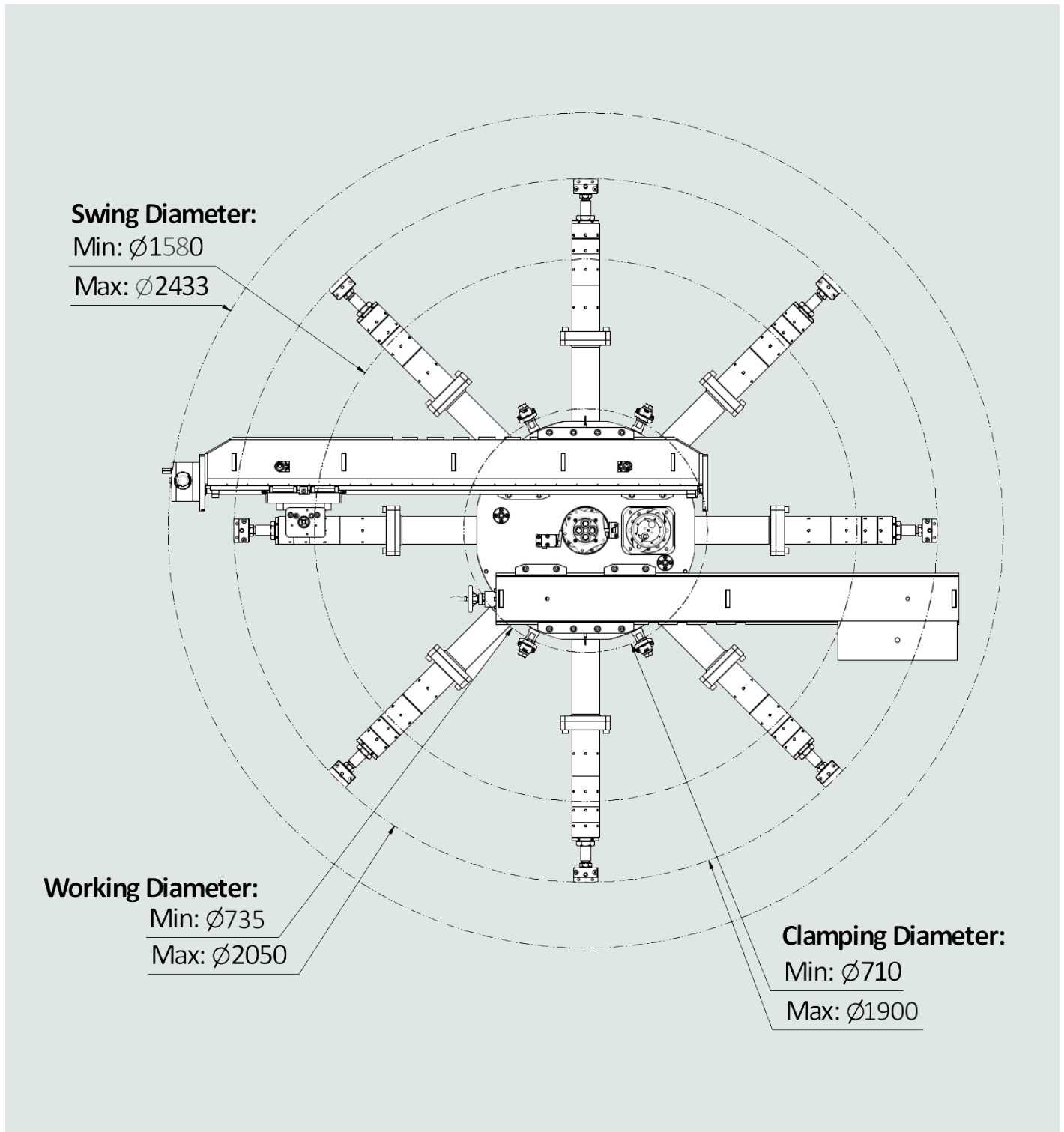
ROTATION DRIVE:

Drive gear to inner ring gear ratio		5.2:1 (i)
Drive type	pneumatic, hydraulic or servo-electric	
Max. torque (constant) – based on hydraulic motor provided		1560 Nm
Max. torque (intermitted 2) – based on hydraulic motor provided		2180 Nm
Max. allowed input pressure for hydraulic motor (constant)		70 bar
Max. allowed input pressure for hydraulic motor (intermitted)		100 bar
Max. allowed input pressure for hydraulic motor		140 bar
Turning (single point) speed range:		
Hydraulic	(rated @ 30 l/min HPU flow capacity)	1 - 18 min ⁻¹
	(rated @ 60 l/min HPU flow capacity)	1 - 35 min ⁻¹
Pneumatic	Turning speed	1 - 19 min ⁻¹
	Max. torque (@ consumption 2900 l/min)	1500 Nm
	Required pressure	6 bar

MEASUREMENTS (WEIGHTS & DIMENSIONS):

ID machine weight	(approx.) 690 kg
Base machine crate (ID machines)	
Wooden crate	2020 mm x 880 mm x 950 mm
Metal crate	2020 mm x 880 mm x 950 mm

TECHNICAL DETAILS & INFORMATION



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