

Machining unit for modular assembly



TECHNICAL SPECIFICATIONS

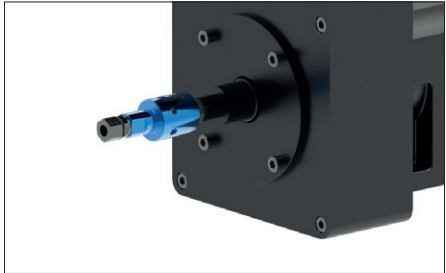
MAIN CONE	ISO 50 / BT 50 / HSK 100	AXIAL LOAD CAPACITY	22000 N
DRILLING CAPACITY (600 N/mm²)	Ø80	RADIAL LOAD CAPACITY	18500 N
TAPPING CAPACITY (600 N/mm²)	M48	BEARING LUBRICATION	GREASE (maintenance free)
DRILLING CAPACITY	YES	CONCENTRICITY	0.01 mm
MAXIMUM REVOLUTIONS	6000 rpm	WEIGHT	100 KG
MAXIMUM ROTATIONAL TORQUE	1500 Nm		

ACCESSORIES

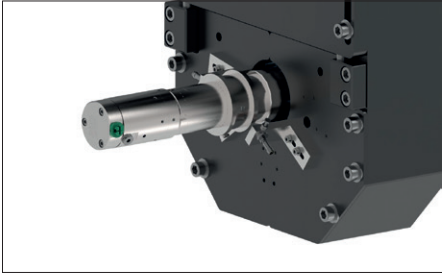
Tool clamp automatic	Hydraulic release
	Min. release pressure 120 bar
	Tool grip force 25 KN (DIN 69871/69872)
Rotary joint	Tool grip force 23 KN (MAS 403 BT 45°)
	1 channel for coolant (max. 60 µm)
	Coolant, oil, MQL
	Max. pressure 70 bar (MQL 10 bar)



Tool holder

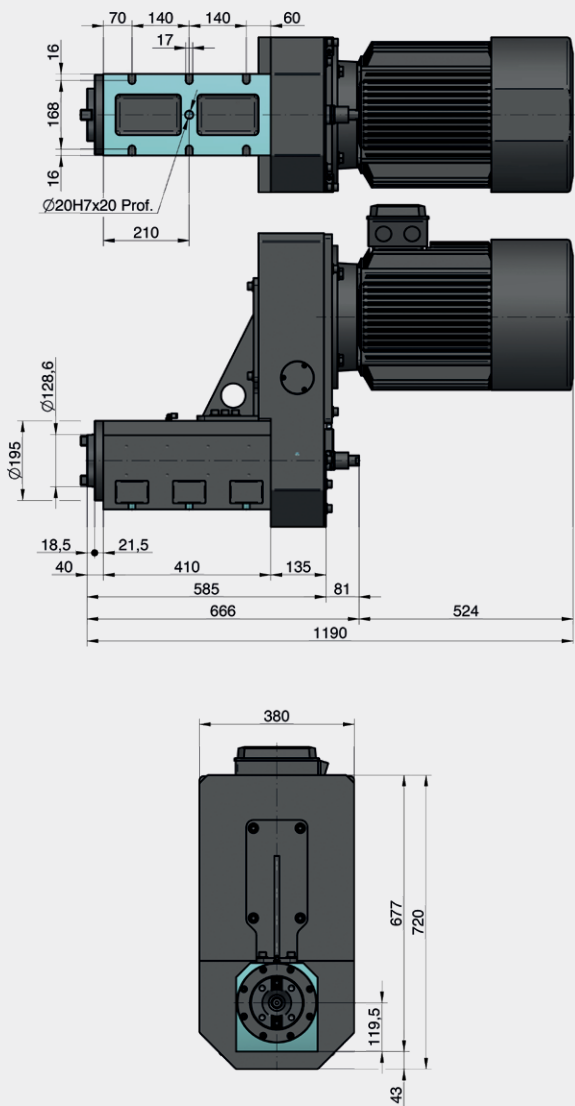


Rotary joint

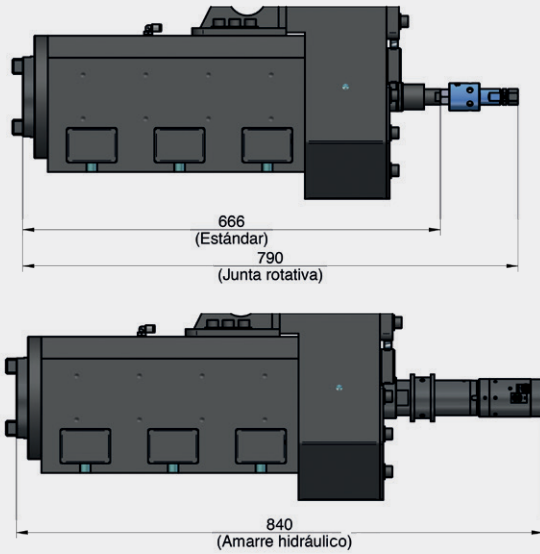


Hydraulic clamping

DIMENSIONS



ACCESSORY DIMENSIONS



CONFIGURATION SYSTEM

CG.50 AM 501 0 - 1

1 2 3 4

1 - Tool clamp

AM: Mechanical clamping DIN 2080
AA: Hydraulic clamping MAS-403 BT (45°)
AB: Hydraulic clamping DIN 69871/69872

2 - Transmission

	RPM	TORQUE (Nm)	Transmission	Motor
501	333	444	1/3	15 kW 1000 rpm
502	500	429	1/3	22 kW 1500 rpm
503	750	286	1/2	22 kW 1500 rpm
504	1000	213	1/1	15 kW 1000 rpm
505	1500	143	1/1	22 kW 1500 rpm
506	3000	71	1/1	22 kW 3000 rpm

* Consult us for other motor configurations or transmission ratios

3 - Internal cooling

0: Head without internal cooling
1: Head with internal cooling

*NOTE: In the units with automatic tool clamping, the tool's internal cooling system is included by default.

4 - Orientation of the motor junction box

1, 2, 3

