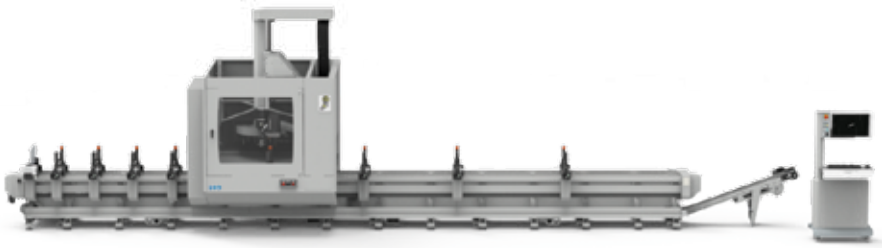
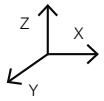
Axel 5

CNC Machining Centre with 5 axes

Fom





✓ = standard O = optional

Technical specifications

Working areas	075	100	150
X axis top face only	7 925 mm	10 085 mm	17 045 mm
X axis top face + ends	6 755 mm	8 915 mm	15 875 mm
Y and Z axes for machining on 2 faces of profile		583 mm x 360 mm	
Y and Z axes for machining on 3 faces of profile		454 mm x 360 mm	
C axis		-10° ; +370°	
D axis		-10° ; +190°	

Dynamic performance

X axis speed	85 m/min

Profile positioning and locking

Vices with controlled and independent positioning	✓	✓	✓
Max number of vices	14	14	16
Transfer and automatically reclining stop	1 ✓ - 1 O	1 ✓ - 1 O	2
Central stop	O	O	O
1 profile raising support for each vice	✓	✓	✓
Adjusting vice pressure with pressure gauge	✓	✓	✓
Multi-piece machining	O	O	✓
Pendular machining	O	O	O
Multi-piece pendular machining	O	O	O

Lubrication of mechanical component

Automatic lubrication of straight guide blocks and recirculating ball screw lead screws	✓	✓	✓

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Axel 5

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Technical specifications

Electrospindle	075	100	150
Electrospindle 22 kW 24 000 rpm	✓	✓	✓
Rigid tapping	✓	✓	✓
Cooling	Liquid with refrigerator unit		
Tool collet	HSK E63		
Rated torque	20 Nm		

Tool magazine			
20-Position tool magazine mounted on the head	✓	✓	✓
Max blade diameter housed	500 mm		

Tool lubrication			
Minimum quantity lubrication	✓	✓	✓
Lubrocooling	✓	✓	✓
Additional Flowdrill lubrication system	O	O	O

Control and software			
24'' screen	✓	✓	✓
Wireless bar-code reader	O	O	O
FSTCam4	✓	✓	✓
IoT ready	✓	✓	✓

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