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ONIX

3 AXIS MACHINING CENTER

ONIX is a 3 axes centre with mobile column, manufactured for light milling, drilling, threading of bars in aluminium, light alloys and steel up to 2 mm thick. It is the most compact and cheapest machining centre of its category, which allows machining of profiles up to 6.6 metres. The centre avails of an 8-place tools warehouse, situated on the X axis carriage, with the possibility of hosting an angular head for machining on the sides of the profile. The option that includes C axis (indexed axis) offers the possibility of also working the head on the profile. The ONIX model is the only centre equipped with an integral safety booth that not only protects the operator, but also allows maximum visibility in machining operations and reduces the acoustic environmental impact.



ONIX

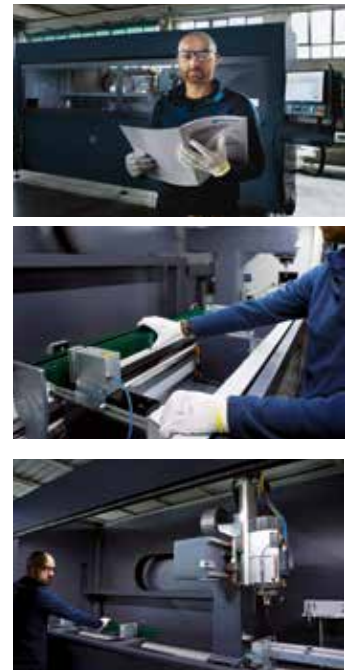
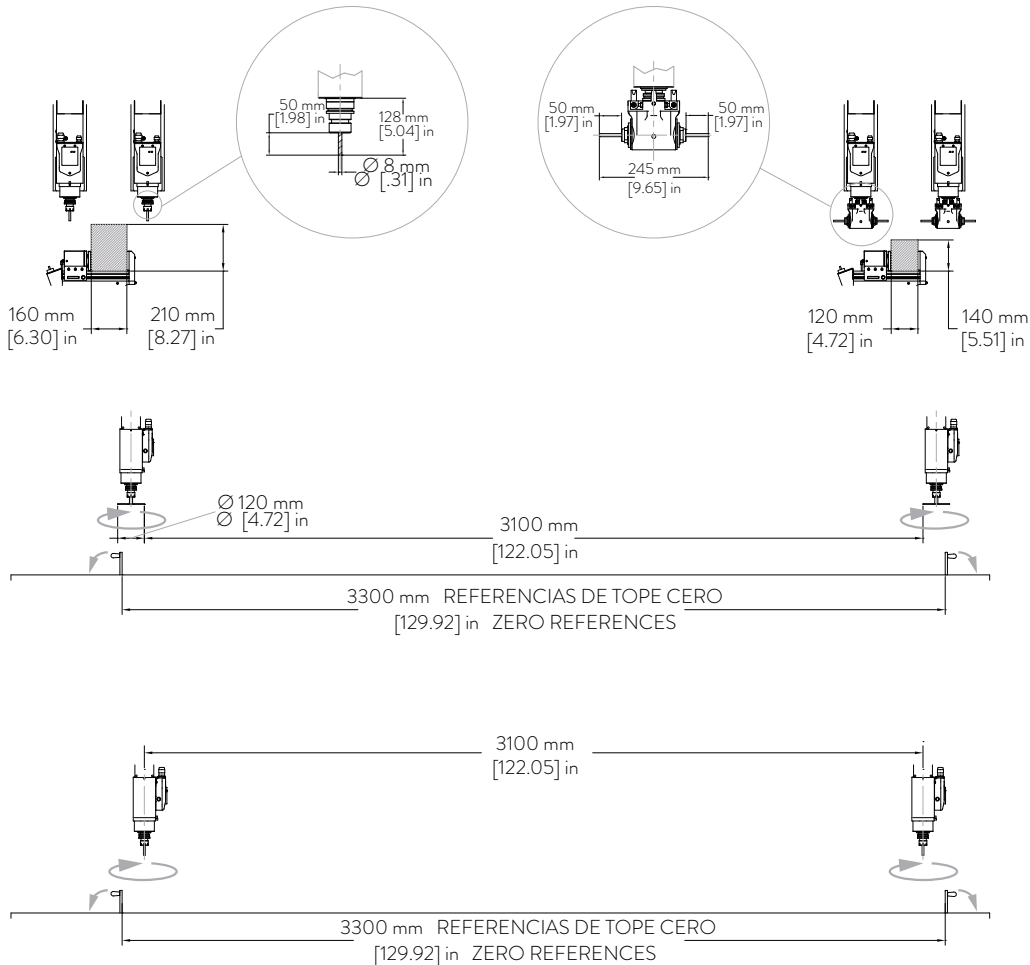
3 AXIS MACHINING CENTER



Description	Onix 3 axis 3.3 version		
X AXIS LONGITUDINAL	3450 mm	135.82 in	
Y AXIS CROSS	600 mm	23.6 in	
Z AXIS VERTICAL	265 mm	10.43 in	
MACHINING OF THE WORKPIECE SIDES	angular head		
AXIS ACCELERATION	X 1.5 m/sec ²	Y 1.5 m/sec ²	Z 2 m/sec ²
AXIS POSITIONING SPEED	X 40 m/min	Y 40 m/min	Z 15 m/min
TOOL MAGAZINE CAPACITY	8 positions		
MAXIMUM MILLING BLADE DIAMETER	120 mm	4.72 in	
NUMBER OF STANDARD VICES	4		
VICES POSITIONING	manual (automatic optional)		
NUMBER OF STOP REFERENCES STANDARD	1 manual		

Description	Onix 3 axis	
VOLTAGE	400 V triphase + N - 50/60 Hz	
SPINDLE MOTOR POWER S1	5 kW	(5,5 kW / 7,5 kW optional)
ADJUSTABLE ELECTRO SPINDLE SPEED	0-24000 rpm optional	
TOOL HOLDER	ISO 30	
SPINDLE COOLING SYSTEM	Electric fan	
OPERATING PRESSURE	7 bar	
TOTAL INSTALLED POWER	6 kW	8kW
OVERALL DIMENSIONS (LxPxH) mm	4600x1675x2260 mm	
WEIGHT kg	1400 kg	
OVERALL DIMENSIONS (LxPxH) in	181.1x66x89 in	
WEIGHT lb	3080 lb	

TECHNICAL DATA



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