

ITA
LM
AC

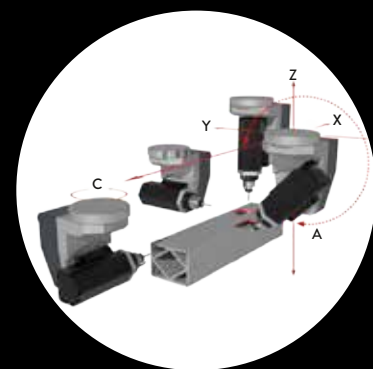


PEGASO

5 AXIS CNC MACHINING CENTER

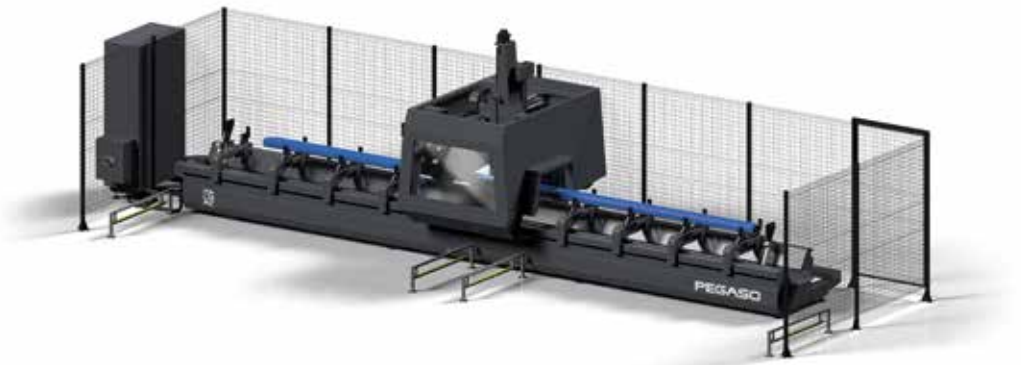


PEGASO is a light, 5 axes machining centre with a mobile column. Designed for milling, drilling, threading and cutting large size aluminium bars, iron, profiles in light alloys and steel, **it is the most used machine in the light industry.** The 10 KW powered electric spindle in S1 with tools attachment HSK-63F guarantees even heavy machining and offers satisfactory results. The automatic tools warehouse, on the mobile head, can host 16 tools and can be expanded up to 30 places. Furthermore, there is a **500mm tool blade compartment with specific warehouse separated from the tools warehouse.** It is also possible to use the machine in pendulum mode (in 7 and 9 m versions), maximising production, executing the part change in “concurrent” time and thereby reducing machine downtime to a minimum. This aspect is highly efficient with independent automated vice positioning, compared to standard automatic positioning through a gantry. The machining centre has the particular detail of offering a **90° cutting unit with 450mm blade, to section large sized profiles.** PEGASO is equipped with a column feature that not only protects the operator, but also allows maximum visibility in production and reduces the acoustic environmental impact. **A version is also available with a booth,** of considerable aesthetic impact.



PEGASO

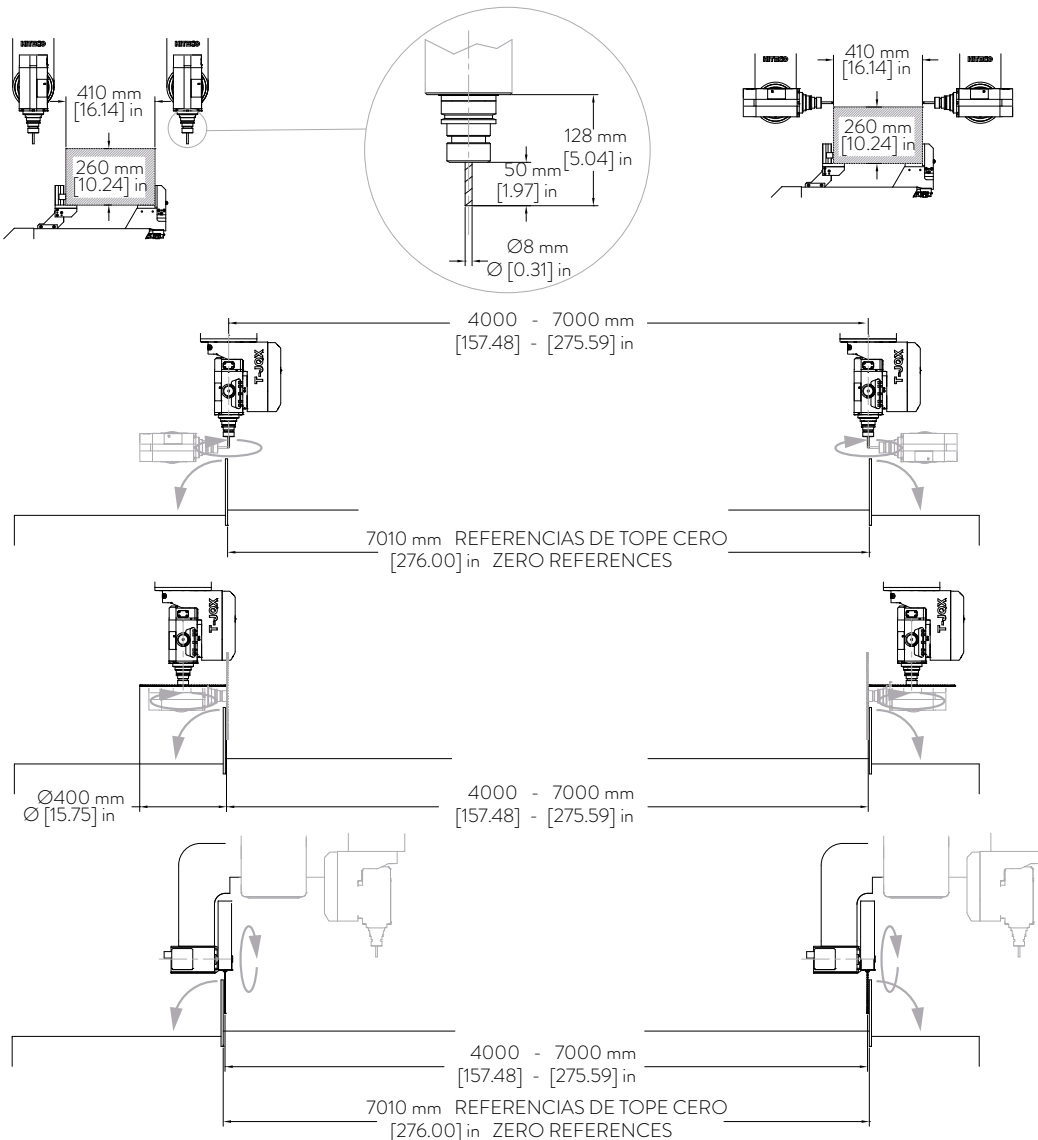
5 AXIS CNC MACHINING CENTER



Description	Pegaso 5 axis 4.0-7.0-9.0 version
X AXIS LONGITUDINAL	4470 - 7470 - 9470 mm 176 - 294 - 372.8 in
Y AXIS CROSS	1325 mm 52.2 in
Z AXIS VERTICAL	600 mm 23.6 in
A AXIS ROTATION (ROTATION AROUND X AXIS)	from -90° to +90°
C AXIS ROTATION (ROTATION AROUND Z AXIS)	from -185° to +185°
AXIS POSITIONING SPEED	X 100 m/min Y 60 m/min Z 30 m/min
AXIS ACCELERATION	X 3 m/sec ² Y 3 m/sec ² Z 3 m/sec ²
TOOL MAGAZINE CAPACITY	15 positions
MAXIMUM MILLING BLADE DIAMETER	180 mm 7.08 in
NUMBER OF STANDARD VICES	4 (4.0 version) 8 (7.0 - 9.0 version)
VICES POSITIONING	automatic by head

Description	Pegaso 5 axis 4.0-7.0-9.0 version	
NUMBER OF STOP REFERENCES STANDARS	2 - 4 optional (7.0-9.0 version)	
SPINDLE MOTOR POWER S1	10 kW	
ADJUSTABLE ELECTRO SPINDLE SPEED	0-24000 rpm	
TOOL HOLDER	HSK F63 DIN 69871	
SPINDLE COOLING SYSTEM	liquid	
OPERATING PRESSURE	6-8 bar	
TOTAL INSTALLED POWER	18 kW	
OVERALL DIMENSIONS (DxWxH) mm	6800x3100x2500 mm	2800 kg
WEIGHT kg	9800x3100x2500 mm	3500 kg
	11800x3100x2500 mm	4000 kg
OVERALL DIMENSIONS (DxWxH) in	267x122x118 in	5060 lb
WEIGHT lb	386x122x118 in	7700 lb
	465x122x118 in	8800 lb

TECHNICAL DATA



ITALMAC

■ ITALY (Corporate Office)
Viale del Lavoro, 1 - 37055
Ronco all'Adige, Italy
tel +39 (0)457000123
sales@italmac.it
www.italmac.it

■ ITALMAC USA INC
Italmac USA inc.
104 Suite Granger
Heather Park Dr.
IN 46530
sales@italmac-usa.com
www.italmac-usa.com