

Automatic Handling Unit **EROBOT 8006** for Machining Centers



New



6 magazine positions for pallets 320x320 mm (12.6x12.6")
80 kg (175 lbs) transfer weight



HIRSCHMANN

Automatic Handling unit EROBOT8006 for machining centers

The handling unit **EROBOT 8006** is engineered for automatic loading of machining centers and other production machines. Workpieces or fixtures clamped on the **HIRSCHMANN System 8000** pallets are automatically loaded eliminating manual loading which increases the the overall machine productivity.

Features

- 6 magazine positions (pallet size 320 x 320 mm (12.6" x 12.6"))
- 80 kg (176lbs) maximum transfer weight including the pallet
- 400 kg (882lbs) magazine total load including the pallets
- Increases the productivity of the machine
- Compact design, approximately 16 sq. ft. of floor space
- Allows unattended operation, saves man hours

Function description

Workpieces can be fastened directly to the pallets H8.320.1 or to fixtures mounted to the pallets (vises, chucks etc.). The pallets are then loaded onto the magazine of the EROBOT 8006 via a door which is locked during the changing cycles. The machine is interfaced to the EROBOT which accepts the call for a workpiece by pallet number. The EROBOT is responsible for the complete changing cycle and acknowledges the completed change to the machine. This allows the machine to continue it's machining cycle.

Technical data

Dimensions (w*d*h)	ca. 1200x1200x1750 mm (47x47x69")
Weight	ca. 800 kg (ca. 1764 lbs)
Magazine positions	6
Max. workpiece weight /magazine position (incl. pallet)	80 kg (176 lbs)
Max. magazine load (incl. pallet)	400 kg (882 lbs)
Max. workpiece height	250 mm (10")
Max. workpiece dimensions/magazine position	
round	Ø 320 mm (12.6")
square (with cutted edge)	○ 320 * 320 mm (12.6x12.6")
square (without cutted edge)	○ 270 * 270 mm (10.6x10.6")
rectangular	□ 380 * 200 mm (15x7.8")
Changing high (machine table high)	□ 850 (±70) mm (33" (±3"))
Requiered air pressure (filtered and oiled)	6 bar (85psi)
Connection	FESTO OSS-8
Changing time	ca. 60s
Operating voltage	115/230V 50/60 Hz
Power input	150 VA
Interface	Parallel or serial



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