

FEATURES:

- Choice of 200 x 150 x 90 mm (7.9 x 5.9 x 3.5 in), 300 x 200 x 90 mm (11.8 x 7.9 x 3.5 in) or 400 x 300 x 140 mm (15.7 x 11.8 x 5.5 in) work envelope
- Can be supplied with or without electronics
- 16 mm diameter ball screws with either 4 or 10 mm pitch
- CNC or DNC programming via RS232
- T-Slotted Z-axis face plate for easy mounting of optional tooling
- 3-axes linear and 2-axes circular interpolation when used with optional electronics
- Safety enclosure with safety interlock switch
- Comes fully assembled and **READY TO USE**
- All machines come with stepper motors installed and wired
- Replaces CPM Series
- Can be used for drilling, milling, dispensing, inspection, pick and place and assembly

READY TO USE OUT OF THE BOX



NOTE: This machine is CE compliant.

CATALOG NUMBER

HL33SBMICP

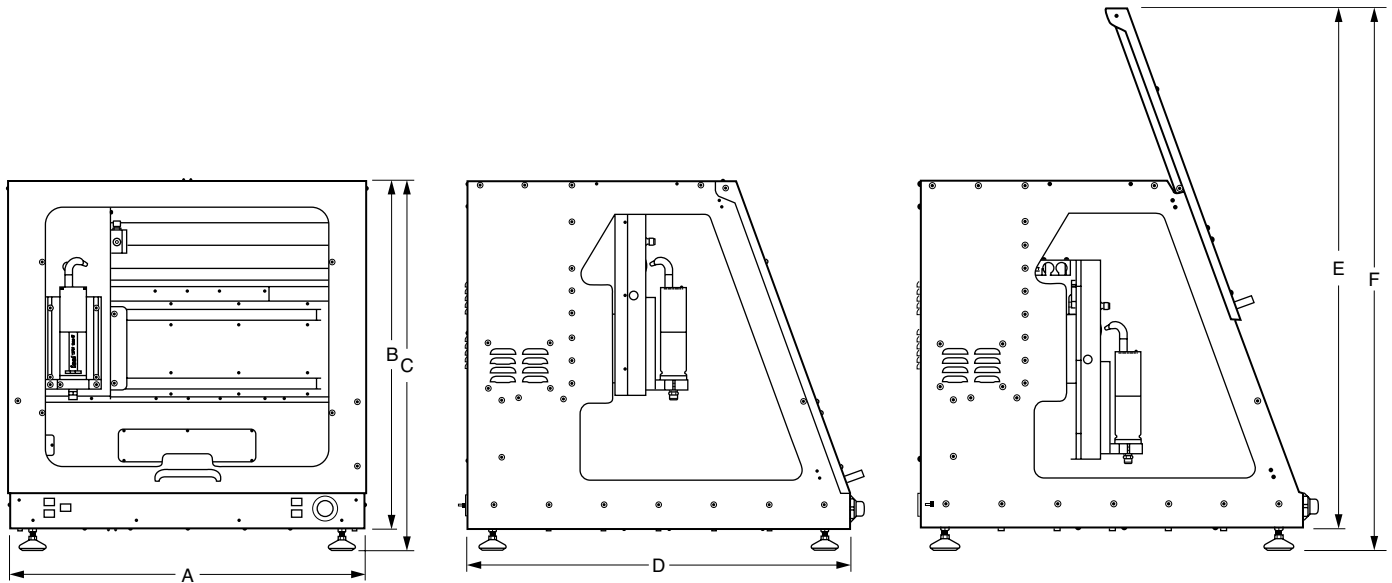
Model
2015
3020
4030

Screw Pitch

- 0 4 mm (0.16 in) pitch
- 1 10 mm (0.39 in) pitch

- 0 With electronics package
- 1 No electronics

Model	A mm (in)	B mm (in)	C mm (in)	D mm (in)	E mm (in)	F mm (in)	Travel		
							X mm (in)	Y mm (in)	Z mm (in)
2015	525 (20.7)	660 (26)	690 (27.2)	575 (22.6)	1010 (39.8)	1040 (41)	200 (7.9)	150 (5.9)	90 (3.5)
3020	600 (23.6)	688 (27.1)	715 (28.2)	625 (24.6)	1030 (40.6)	1077 (42.4)	300 (11.8)	200 (7.9)	90 (3.5)
4030	771 (30.4)	758 (30)	805 (31.7)	835 (32.9)	1135 (44.7)	1182 (46.5)	400 (15.7)	300 (11.8)	140 (5.5)



See Web site for complete CAD drawings

SPECIFICATIONS	Catalog Number		
	ICP2015	ICP3020	ICP4030
Travel	200 x 150 x 90 mm (7.9 x 5.9 x 3.5 in)	300 x 200 x 90 mm (11.8 x 7.9 x 3.5 in)	400 x 300 x 140 mm (15.7 x 11.8 x 5.5 in)
Weight	95 kg (209 lbs)	102 kg (225 lbs)	120 kg (265 lbs)
Outside Dimensions W x D x H	535 x 600 x 690 mm (21.1 x 23.6 x 27.2 in)	610 x 650 x 715 mm (24 x 25.6 x 28.1 in)	780 x 850 x 810 mm (30.7 x 33.5 x 31.9 in)
Repeatability	<0.01 mm (<.0004 in)		
Accuracy	<0.05 mm (<.002 in)		
Vertical Static Load Capacity (Z-Axis)	6.8 kg (15 lbs)		
No Load Speed (10 mm screws)	60 mm / sec (2.4 in / sec)		
No Load Speed (4 mm screws)	24 mm / sec (.9 in / sec)		
Resolution (10 mm screws)	0.025 mm (.001 in)		
Resolution (4 mm screws)	0.01 mm (.0004 in)		

Electronics package includes 3-axes microstep controller installed and wired inside machine.

NOTE: Dimensions in () are inch