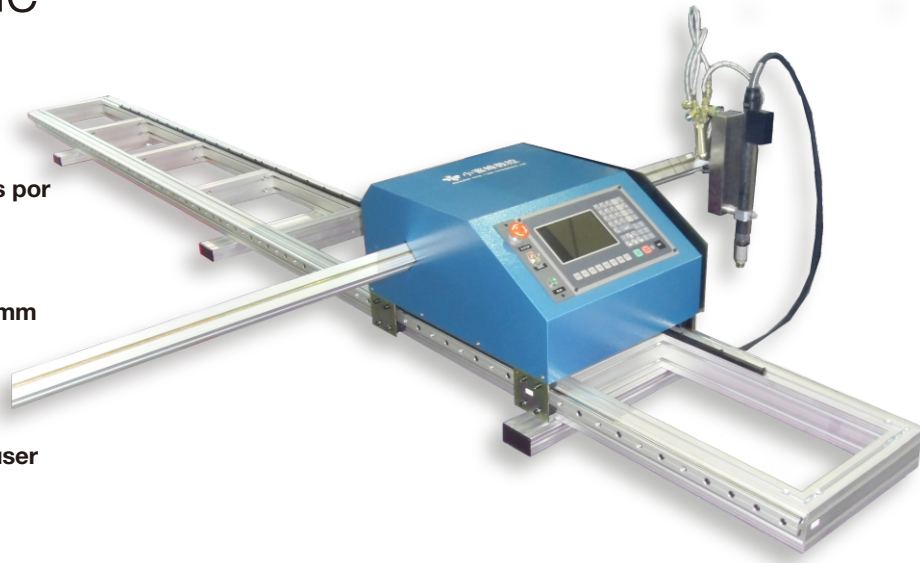


Honeybee Microbee



Portable, Economical, Flexible CNC Cutting Machine

- Compact oxy-fuel/plasma cutting system that is portable and economical
- Equipped with plasma, oxy-fuel or both
 - plasma cut mild steel or aluminum up to 25mm
 - stainless steel up to 20mm
 - using oxy-fuel cut mild steel up to 150mm
- Fully integrated CNC, eliminating the need for user to add a controller to the system



Portable cutting solution

Honeybee N series portable cutting machines is compact and light weight for easy transport as your application requires.

It's small size makes it ideal for small fabrication shops, maintenance and repair shops, trade schools, or for portable use within large facilities and construction sites.

Economical cutting solutions

Automated functions and a user friendly CNC provide powerful, versatile, oxy-fuel or plasma processing in a valued-minded package. Precision guide rail enables stable motion of the crossbeam and full support of the cutting torch for accurate, reliable performance. Precision linear rails minimize vibration during cutting to ensure accurate cutting over the entire working envelope.

Flexible process solution

Honeybee can be equipped with plasma, oxy-fuel, or both. With plasma cut mild steel or aluminum up to 25 mm (1 in.), or stainless steel up to 20 mm (5/8 in.). Using oxy-fuel cut mild steel up to 150 mm (6 in.) thick. It's simple, menu-driven interface makes operation easy to learn and use. The CNC features a comprehensive library of 24 common shapes which minimize programming and set-up time. Dimensions are easily edited to create custom shapes without additional programming. Custom programs are supported through basic M- and G-Code programming, and off-line programmed NC files can be transferred to the machine using a standard USB connection.

Specifications

	Honeybee Microbee
Effective Cutting Width	1600mm (62in)
Effective Cutting Length	3400mm (133in)or 2500mm (98in)
Maximum Traverse Speed	3000mm/min (118ipm)
Overall Cross Bar Length	2200mm (86in)
Overall Track Length	4000mm (157in) or 3100mm (122in)
Overall Dimensions (CNC Drive Unit)	2700x480x280mm (106 x 18 x11 in) 690x530x490mm (27 x 20 x 19 in)
Total Weight	170 kg
Input Voltage	110/220V/415V, 50/60Hz



Easy to learn and operate

Plasma Packages Available

Hypertherm

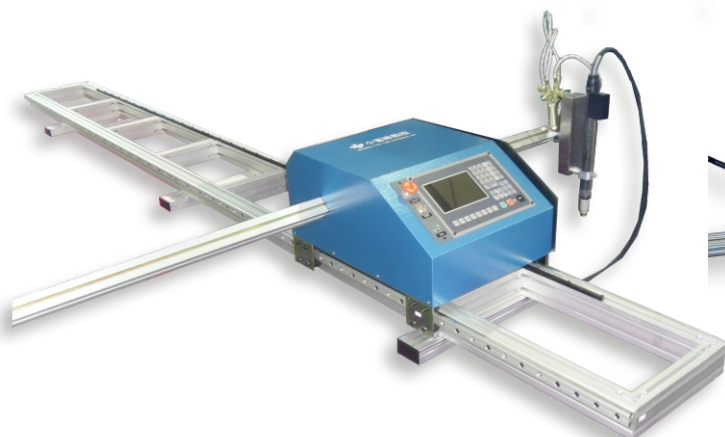
Model	Powermax45	Powermax65	Powermax85	Powermax105	Powermax125
Output Range	20-45A	20-65A	20-85A	20-105A	20-125A
Production Piercing and Cutting Capacity	10mm	12mm	16mm	20mm	25mm
Maximum Piercing and Cutting Capacity	12mm	16mm	20mm	22mm	25mm
Maximum Edge Start	25mm	32mm	38mm	50mm	57mm
Input Volts	CSA 200 – 240 V, 1-PH, 50-60 Hz 480 V, 3-PH, 50-60 Hz CE 230 V, 1-PH, 50-60 Hz 400 V, 3-PH, 50-60 Hz	CSA 200 – 480 V, 1-PH, 50/60 Hz 200 – 600 V, 3-PH, 50/60 Hz CE 400 V, 3-PH, 50/60 Hz	CSA 200 – 480 V, 1-PH, 50/60 Hz 200 – 600 V, 3-PH, 50/60 Hz CE 400 V, 3-PH, 50/60 Hz	CSA 200-600 V, 3-PH, 50/60 Hz CE 400 V, 3-PH, 50/60 Hz 200-400 V, 3-PH, 50/60 Hz CCC 380 V, 3-PH, 50/60 Hz	CSA 480/600 V, 3-PH, 50/60 Hz CE 400 V, 3-PH, 50/60 Hz CCC 380 V, 3-PH, 50/60 Hz

Victor

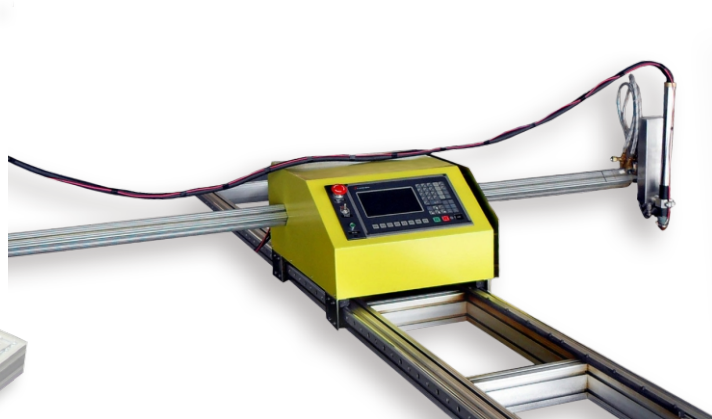
Model	A40	A60	A80	A120
Rated Output	40 Amps	60 Amps	80 Amps	120 Amps
Output Range	20 - 40 Amps @ 80% DC, 60 Amps Max., Adjustable	20 - 60 Amps @ 80% DC, 80 Amps Max., Adjustable	30 - 80 Amps @ 80% DC, 100 Amps Max., Adjustable	30 - 120 Amps @ 80% DC, 120 Amps Max., Adjustable
Production Piercing and Cutting Capacity	1/4" (6 mm)	3/8" (10 mm)	1/2" (12 mm)	5/8" (15 mm)
Maximum Piercing and Cutting Capacity	1/2" (12 mm)	5/8" (15 mm)	3/4" (20 mm)	3/4" (20 mm)
Maximum Edge Start	1" (25 mm)	1" (25 mm)	1 1/4" (30 mm)	1 1/2" (40 mm)

ESAB

Model	PowerCut® 900	PowerCut® 1300	ESP-101
Recommended Maximum Cutting Thickness			
Mild Steel	12 mm (1/2 in.)	15 mm (5/8 in.)	20 mm (3/4 in.)
Stainless Steel	12 mm (1/2 in.)	12 mm (1/2 in.)	15 mm (5/8 in.)
Aluminum	12 mm (1/2 in.)	15 mm (5/8 in.)	20 mm (3/4 in.)
Shop Air Requirement (must be clean/dry)	165 L/min @ 4.8 - 5.2 bar (400 cfh @ 80 psig)	165 L/min @ 4.8 - 5.2 bar (400 cfh @ 80 psig)	236 L/min @ 5.5 bar (500 cfh @ 90 psig)
Input Voltages	208/230 VAC 1 Ph. 50/60 Hz 208/230/400/460/575 3 Ph. 50/60 Hz	208/230 VAC 1 Ph. 50/60 Hz 208/230/400/460/575 3 Ph. 50/60 Hz	208/230/380/400/460/475/575 VAC 3 Ph. 50/60 Hz



Maximum Plasma Cutting Thickness of up to 25 mm (0.98 in.)



Maximum Oxy-fuel Cutting Thickness of up to 150 mm (5.9 in.)

A name you can trust

For more than 10 years, Honeybee Cutting Systems has been offering complete, industry-leading cutting solutions to customers around the China. As a total system supplier, support and service are always just a phone call away.



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