



KINGCUT EDGE

Economical Range of Profile Cutting Machine



ECONOMICAL RANGE OF PROFILE CUTTING MACHINE

- The machine is an economic machine suitable for oxyfuel cutting and Air Plasma.
- Dual drive mechanism with linear guide ways.
- The machine is Ergonomically designed.
- 15 inch high brightness LCD with all standard Menu.
- The machine has the option of Automatic Torch Ignition for Oxyfuel cutting .
- The machine has both automatic and manual torch height control option.
- Can be used with upto 2 torches as standard. (1 Plasma +1 Oxyfuel or 2 Oxyfuel)


Technical Specifications

Descriptions	Particulars
Effective Cutting Width	1500, 2000, 2500,mm, 3000, 3500, 4000 (mm) Standard
Effective Cutting Length	3000 to 12000 mm Standard in the incremental of 2m
Machine rapid Speed	12000 mm/Min
Gas Required	Air, Oxygen and Acetylene or LPG
Cutting Thickness by Oxyfuel	6mm – 250mm
Cutting Thickness by Plasma	1mm – 70mm
Programming Accuracy	±0.1mm
Repeatability Accuracy	±0.2mm
Cutting Accuracies	As Per Standard: ISO 9013
CNC Controller	
Operation Panel	15 inch LCD graphic display
Language	English
Program Input	Key pad or USB port
Contouring	X and Y, 2 axes control (160 mm)
Program Format	RS-274-D format (Metric or Inch)
Shape Library	45 patterns-Metriconly Program
Operation Function	Trial Run, Reverse, Plate Alignment, Mirror, Array
Nesting software	FASTCAM or MOST 2D

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THE MACHINE CAN BE USED WITH AIR PLASMA POWER SOURCE CUTFIRE 100i

 <p>CUTFIRE 100i</p>	Power Source	CutFire 100i
	Mains voltage	3x 400 V, 50 Hz
	Connected load	16.6 kVA
	Fuse, slow	25 A
	Protection class	IP 21
	Open circuit voltage	330 V
	Cutting current at 100 % d. c	20 – 100 A
	Cutting range	
	Maximum	20 mm
	Recommended	1-15 mm
Dimensions (L x W x H)	710 x 280 x 590 mm	
Weight	50 kg	

THE MACHINE CAN BE USED WITH AIR PLASMA POWER SOURCE PAS 45i

 <p>PAS 45i</p>	Power Source	PAS 45i
	Mains voltage	3 x 400 V; 50 Hz
	Connected load	38 kVA
	Fuse, slow	63 A
	Protection class	IP 22
	Open circuit voltage	370 V
	Cutting current	45 A / 85 A (100% d. c.) Max. 130 A (75% d. c.)
	Cutting range	
	Maximum	45 mm
	Recommended	3-30 mm
	Max. Piercing	20 mm
	Dimensions (L x W x H)	1025 x 711 x 970 mm
	Weight	240 kg
	Plasma machine torch	PB-S45 W-1
Swirl gas machine torch	PB-S44 W-1	
Plasma hand torch	PB-S45 WH	
Plasma gases	Air, Ar/H ₂ , Ar/H ₂ /N ₂	
Swirl gases	Air, N ₂	

OUR CHANNEL PARTNER KJELLBERG GERMANY



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