

CUTMASTER 82—MEDIUM/HEAVY DUTY



The Cutmaster 82 weighs in at a mere 19.5 kg (43 lbs) while still offering superior cutting power. Don't let the size of this unit fool you, it's more than capable of cutting 25 mm (1 in.) with a maximum capability of 40 mm (1 ½ in.). This unit, like all other TRUE™ Cutmasters, is equipped with the 1Torch®.

- Heavy fabrication
- Manufacturing
- Contractors
- 4-Year warranty power supply
- 1-Year warranty torch

Specifications	
Maximum Cut	40 mm (1 ½ in.)
Recommended Cut	25 mm (1 in.)
Pierce Rating	15 mm (5/8 in.)
Max Amperage Output	80A
Output Power	9 kW
Input Voltage	208-230/460 V, 1/3 ph, 50/60 Hz 400 V, 3 ph, 50 Hz 600 V, 3 ph, 50/60 Hz
Duty Cycle (@ 40 °C)	40% @ 80 A, 60% @ 65 A, 100% @ 55 A
Amperage Draw	72 A @ 230 V, 1 ph 39 A @ 230 V, 3 ph 21 A @ 460 V, 3 ph
Torch – for use with the Cutmaster 82	SL60 Air Pressure - 4.8 bar (70 psi) 190 l/m (6.7 cfm)
Dimensions L x W x H	305 mm x 381 mm x 610 mm (12 x 15 x 24 in.)
Weight	19.5 kg (43 lbs)

*Recommended cut specifications based on handheld use.

Part No.	Torch	Configured Input Voltage
1-1130-1	SL60® 75° hand torch 6.1 m (20 ft) lead	208-230 V, 1 Phase
1-1130-2	SL60 75° hand torch 6.1 m (20 ft) lead	460 V, 3 Phase
1-1130-5	SL60 75° hand torch 6.1 m (20 ft) lead	600 V, 3 Phase
1-1131-1	SL60 75° hand torch 15.2 m (50 ft) lead	208-230 V, 1 Phase
1-1131-2	SL60 75° hand torch 15.2 m (50 ft) lead	460 V, 3 Phase
1-1131-5	SL60 75° hand torch 15.2 m (50 ft) lead	600 V, 3 Phase

Cutmaster Systems include: Power supply, torch, spare parts kit, input power cable, work cable and clamp, and an instructional DVD.
See pages 14-15 for accessories and page 13 for torch consumable parts.

**STEP
1**

SELECT MECHANIZED 180 DEG TORCH LENGTH

DESCRIPTION	PART NO.
SL 180 Deg 7.6 m (25 ft)	7 - 4001
SL 180 Deg 10.7 m (35 ft)	7 - 4002
SL 180 Deg 15.2 m (50 ft)	7 - 4003
SL 180 Deg 22.9 m (75 ft)	7 - 4004
SL 180 Deg 30.5 m (100 ft)	7 - 4005



**STEP
2**

SELECT AUTOMATION INTERFACE KIT

DESCRIPTION	PART NO.
Automation Interface Kit for CutMaster 52, 58, 82, 102 and 152	9 - 8311
Automation Interface Kit for Cutmaster 60i	9 - 8308

**STEP
3**

ORDER PINION ASSEMBLY

DESCRIPTION	PART NO.
Pinion Assembly 35 mm (1.375 in.) Diameter	7 - 2827

SEMI-MECHANIZED SYSTEM SETUP

For straight line cutting and gouging needs, the mechpack gives you everything you need for accurate precision straight line cutting.



**STEP
1**

SELECT MECH PACK LENGTH

DESCRIPTION	PART NO.
Mech pack 7.6 m (25 ft)	7 - 7725
Mech Pack 15.2 m (50 ft)	7 - 7750

*Package comes with SL 100 180 deg torch, ON/OFF arc starting pendant, 60 A consumables

**STEP
2**

OPTIONAL ACCESSORIES

DESCRIPTION	PART NO.
VCM 201 Cutting machine	0252 - 0125
1.8 m (6 ft) Track	0212 - 0005
2.7 m (9 ft) Track	0212 - 0019
3.7 m (12 ft) Track	0212 - 0018
Pinion Assembly	7 - 2827



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