CUTMASTER 102–HEAVY DUTY
CUTMASTER 152–EXTRA HEAVY DUTY

The Cutmaster 102 weighs in at 62 lbs and provides 100 amps of cutting power. This unit's light weight compact design combined with multiple voltage selection makes it the most portable and powerful cutting machine available. This unit combined with the 1Torch® has a maximum cut capacity of 1 3/4" (45 mm). More cut capacity than any other system in its class!

The Cutmaster 152, weighing only 62 lbs, offers multi-voltage 1-or 3-phase input capability and provides 120 amps of cutting power for a 1 1/4" (30 mm) recommended cut and 2" (50 mm) maximum cut.This compact unit, like all other Cutmasters, comes standard with the 1Torch® providing you with the well known comfort and reliability famous throughout the industry.

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

Specifications	Cutmaster 102	Cutmaster 152
Maximum Cut	1 3/4" (45 mm)	2" (50 mm)
Recommended Cut	1" (25 mm)	1 1/4" (30 mm)
Pierce Rating	3/4" (20 mm)	1" (25 mm)
Max Amperage Output	100 A	120 A
Output Power	12 kW	15.4 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	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)	60% @ 100 A, 80% @ 80 A, 100% @ 70 A	80% @ 120 A, 100% @ 100 A
Amperage Draw	95 A @ 230 V, 1 ph 45 A @ 230 V, 3 ph 29 A @ 460 V, 3 ph	120 A @ 230 V, 1 ph 56 A @ 230 V, 3 ph 37 A @ 460 V, 3 ph
Torch	SL100 Air Pressure - 70 psi (4.8 bar) 7.5 cfm (212 l/m)	SL100 Air Pressure - 70 psi (4.8 bar) 7.5 cfm (212 l/m)
Dimensions L x W x H	12 x 15 x 30 in. (305 mm x 381 mm x 762 mm)	12 x 15 x 30 in. (305 mm x 381 mm x 762 mm)
Weight	62 lbs (28.1 kg)	62 lbs (28.1 kg)

*Recommended cut specifications based on handheld use.

Cutmaster 102 Part No.	Cutmaster 152 Part No.	Torch	Configured Input Voltage
1-1330-1	1-1730-1	SL100® 75° hand torch 20 ft (6.1 m) lead	208-230 V, 1 Phase
1-1330-2	1-1730-2	SL100 75° hand torch 20 ft (6.1 m) lead	460 V, 3 Phase
1-1330-5	1-1730-5	SL100 75° hand torch 20 ft (6.1 m) lead	600 V, 3 Phase
1-1331-1	1-1731-1	SL100 75° hand torch 50 ft (15.2 m) lead	208-230 V, 1 Phase
1-1331-2	1-1731-2	SL100 75° hand torch 50 ft (15.2 m) lead	460 V, 3 Phase
1-1331-5	1-1731-5	SL100 75° hand torch 50 ft (15.2 m) 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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