

# Plasma Cutting Systems

CUTMASTER TRUE SERIES

## Cutmaster® 52

### Medium Duty

The Cutmaster 52 is the most powerful 1/2" (12 mm) machine on the market today. This unit cuts through mild, stainless, or aluminum up to 1 1/8" (30 mm) thick. The Cutmaster 52 combines power with the well known performance and features of the industry-leading 1Torch®.

- Construction
- Maintenance
- Repair
- Fabrication
- 4-Year warranty power supply
- 1-Year warranty torch



#### PERFORMANCE

- Maximum Cut - 1 1/8" (30 mm)
- Recommended Cut - 1/2" (12 mm)
- Pierce Rating - 1/2" (12 mm)
- Max Amperage Output - 60A
- Output Power - 6.2 kW

#### DIMENSIONS

- 12" W x 15" H x 24" D  
(305 mm x 381 mm x 610 mm)

#### WEIGHT

- 43 lbs (19.5 kg)

#### TORCH

- SL60
- Air Pressure - 75 psi (5.2 bar)
- 6.7 cfm (190 l/m)

#### INPUT VOLTAGE

- 208-230/460V, 1/3 ph, 50/60 Hz
- 400V, 3 ph, 50 Hz
- 600V, 3 ph, 50/60 Hz

#### DUTY CYCLE (@ 40° C)

- 40% @ 60A
- 60% @ 55A
- 100% @ 50A

#### AMPERAGE DRAW

- 45A @ 230V, 1 ph
- 24A @ 230V, 3 ph
- 16A @ 460V, 3 ph

Part No.	Torch	Configured Input Voltage
1-5130-1	SL60® 75° hand torch 20 ft (6.1 m) lead	208-230V, 1 Phase
1-5130-2	SL60 75° hand torch 20 ft (6.1 m) lead	460V, 3 Phase
1-5130-5	SL60 75° hand torch 20 ft (6.1 m) lead	600V, 3 Phase
1-5131-1	SL60 75° hand torch 50 ft (15.2 m) lead	208-230V, 1 Phase
1-5131-2	SL60 75° hand torch 50 ft (15.2 m) lead	460V, 3 Phase
1-5131-5	SL60 75° hand torch 50 ft (15.2 m) lead	600V, 3 Phase

Cutmaster Systems include: Power supply, torch, spare parts kit, input power cable, work cable and clamp, and an instructional DVD.

See pages 129-130 for accessories and page 128 for torch consumable parts.

## Cutmaster® 82

### Medium / Heavy Duty

The Cutmaster 82 weighs in at a mere 43 lbs (19.5 kg) while still offering superior cutting power. Don't let the size of this unit fool you, it's more than capable of cutting 3/4" (20 mm) with a maximum capability of 1 1/2" (40 mm). 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



#### PERFORMANCE

- Maximum Cut - 1 1/2" (40 mm)
- Recommended Cut - 3/4" (20 mm)
- Pierce Rating - 5/8" (15 mm)
- Max Amperage Output - 80A
- Output Power - 9 kW

#### DIMENSIONS

- 12" W x 15" H x 24" D  
(305 mm x 381 mm x 610 mm)

#### WEIGHT

- 43 lbs (19.5 kg)

#### TORCH

- SL60
- Air Pressure - 70 psi (4.8 bar)
- 6.7 cfm (190 l/m)

#### INPUT VOLTAGE

- 208-230/460V, 1/3 ph, 50/60 Hz
- 400V, 3 ph, 50 Hz
- 600V, 3 ph, 50/60 Hz

#### DUTY CYCLE (@ 40° C)

- 40% @ 80A
- 60% @ 65A
- 100% @ 55A

#### AMPERAGE DRAW

- 72A @ 230V, 1 ph
- 39A @ 230V, 3 ph
- 21A @ 460V, 3 ph

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

Cutmaster Systems include: Power supply, torch, spare parts kit, input power cable, work cable and clamp, and an instructional DVD.

See pages 129-130 for accessories and page 128 for torch consumable parts.