

HARRIS PORTABLE CUTTING SYSTEMS

HARRIS SUPER

Harris Super is an innovative machine with a body structure systematized for different types of oxy-fuel cutting and automatic welding work

Features

- ▶ Straight line and circle cutting or welding
- ▶ Double Cone Stepless Drive System, maintaining constant travel speed even with high temperatures and allowing greater speed control
- ▶ Plate Rider Torch Option, automatically maintains torch distance during cutting
- ▶ Modular straight 1800 mm rail sections (to be ordered separately)
- ▶ Circle rail Ø 40-360 mm and Ø 1150-2400 mm (to be ordered separately).
- ▶ Speed meter dial indication with conversion scale.
- ▶ Cutting torch unit for square or V-bevel cutting, equipped with the Harris cutting torch model 198-4.
- ▶ Double or triple cutting torch unit available on request.



The Package includes:

- ▶ Cutting machine with connecting lead and rubber connection hose from machine to cutting torch
- ▶ Harris cutting torch model 198 with 3 tips
- ▶ Tool set
- ▶ Operation manual

MODEL N.	DESCRIPTION	NOTE
PCS-SUPER-42F	HARRIS Super 42 V	Propane
PCS-SUPER-110F	HARRIS Super 110 V	
PCS-SUPER-220F	HARRIS Super 220 V	
PCS-SUPER-42	HARRIS Super 42 V	Acetylene
PCS-SUPER-110	HARRIS Super 110 V	
PCS-SUPER-220	HARRIS Super 220 V	
PCS RAIL	Straight rail 1800 mm	To be ordered separately
PCS CIRRAIL	Circle rail	

Specifications

Cutting Thickness	Up to 300 mm
Cutting Speed	80–800 mm/min
Speed Control	Single cone speed system, mechanical regulation
Power Source	42V, 110V, 220V AC
Weight	11 kg
Overall Measurement	430 mm (L) x 170 mm (W) x 215 mm (H)
Cutting Torch	Propane: 198-4F Acetylene: 198-4
Cutting Tips	Propane: 6290-VVC (size 5/0 to 5½) - 6290-NH (size 6-7) Acetylene: 6290-VAX (size 1 to 6)

HARRIS PLUS

The Harris Plus is a more portable version of the Harris Super, designed with the same precision and capabilities.

Features

- ▶ Straight line and circle oxy fuel cutting
- ▶ Stepless Drive System, maintaining constant travel speed even with high temperatures and ensuring stable, trouble-free cutting
- ▶ Light Weight -9.5 kg- easy to carry and use
- ▶ Modular straight 1800 mm rail sections (to be ordered separately)

MODEL N.	DESCRIPTION	NOTE
PCS-PLUS-42F	HARRIS Plus 42 V	Propane
PCS-PLUS-110F	HARRIS Plus 110 V	
PCS-PLUS-220F	HARRIS Plus 220 V	
PCS-PLUS-42	HARRIS Plus 42 V	Acetylene
PCS-PLUS-110	HARRIS Plus 110 V	
PCS-PLUS-220	HARRIS Plus 220 V	
PCS RAIL	Straight rail 1800 mm	To be ordered separately

Specifications

Cutting Thickness	3 ~ 150 mm
Cutting Speed	150 ~ 800 mm/min
Speed control	Single cone speed system, mechanical regulation
Power Source	42V, 110V, 220V AC
Weight	9.5 kg
Overall Measurement	360 mm (L) x 140 mm (W) x 175 mm (H)
Cutting Torch	Propane: 198-4F Acetylene: 198-4
Cutting Tips	Propane: 6290-VVC (size 5/0 to 2½) Acetylene: 6290-VAX (size 1 to 5)



The Package includes:

- ▶ Cutting machine with connecting lead and rubber connection hose from machine to cutting torch
- ▶ Harris cutting torch model 198 with 3 tips
- ▶ Tool set
- ▶ Operation manual

HARRIS HA

Harris HA is a portable, hand cutting machine with integrated drive system, suitable as a hand-held cutter as well as an automated cutting machine. It allows the operator to cut all kinds of profiles in a simple and accurate manner. Due to low weight, Harris HA can be used as simple as an ordinary hand cutting torch.

MODEL N.	DESCRIPTION
PCS-HA110	HARRIS HA 110 V
PCS-HA	HARRIS HA 220 V

Specifications

Cutting thickness	3 ~ 30 mm
Running speed	200 ~ 700 mm/min
Input voltage	110V, 220V AC
Speed control	Transistor control
Overall length	500 mm
Weight	2.7 kg
Standard wheel	Attaches to machine body
Cutting Tips	Propane: 8290-PNME (size 1 to 3) Acetylene: 8290-ANME (size 1 to 3)

