

# PT-25

## Plasmarc manual cutting torch



- Excellent cutting capability—cuts up to 1 ½ in. (38.1 m) using air or nitrogen at 100 Amps; cuts up to 2 in. (50.8 m) using nitrogen or argon-hydrogen at 150 Amps
- Produce clean, high quality cuts
- Patent pending safety circuit for enhanced operator safety
- Operate with shop or cylinder air at 100 Amps; nitrogen or argon-hydrogen at 150 Amps
- Compact, lightweight design for ease of handling
- Long-life electrodes lower operating costs
- Pilot arc starting—even starts on paint
- Gouging nozzle available
- Intermittent cutting capability for grate or expanded metal applications
- Gouging guard and stand-off guide available for operator convenience



This versatile, easy-to-use 150 Amp torch provides superior performance for a full range of manual cutting applications.

### Ordering Information

<b>PT-25, 90°</b>	
25 ft. (7.6 m) lead .....	21648
50 ft. (15.2 m) lead .....	21649
25 ft. (7.6 m) European .....	21650
50 ft. (15.2 m) European .....	21651
<b>PT-25, 75°</b>	
25 ft. (7.6 m) lead .....	000824
50 ft. (15.2 m) lead .....	000825

### Optional Accessories

<b>Torch Guide Kit</b>	
<b>Deluxe:</b> 1 ¼ in. (44.5 mm) 42 in. (106 cm) Radius .....	0558003258
<b>Basic:</b> 1 ¼ in. (44.5 mm) 28 in. (71 cm) Radius.....	0558002675
<b>Plasmit Torch Head Protector</b> .....	20801
<b>Leather Sheath, 10 ft. (254 cm) length</b> .....	20812
<b>Plasma Flow Measuring Kit</b> .....	0558000739
<b>Retrofit Kit for PCM-100/150</b>	
<b>Enables use of PT-25 with PCM-100/150</b> .....	21932
<b>European Swirl Baffle</b> .....	0558001457

### Consoles

The PT-25 can be used with the following consoles:

- **ESP-100i Standard**
- **PCM-150 with Retrofit Kit P/N 21932**
- **PCM-100 with Retrofit Kit P/N 21932**

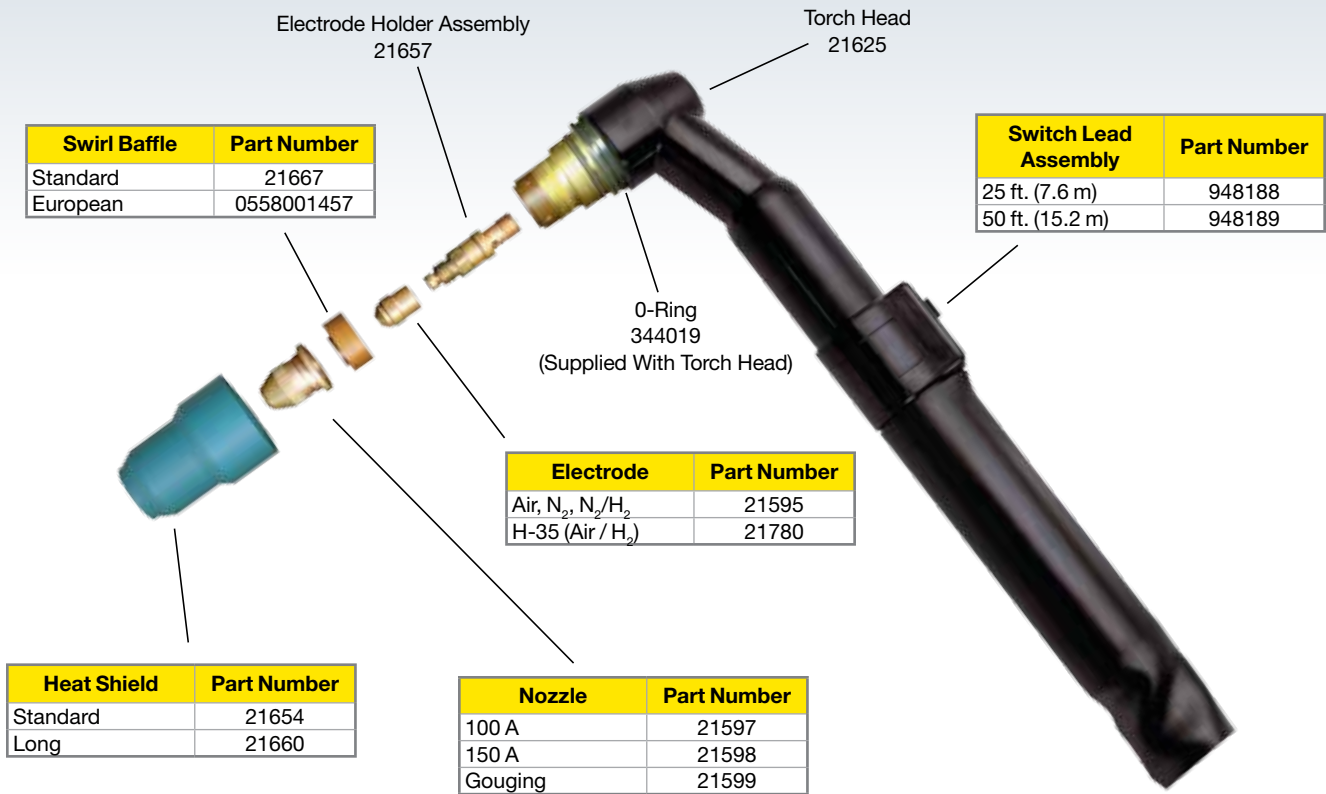
### Specifications

		PT-25
Current Capacity		
100% Duty Cycle	100 A DCSP (Air Plasma) 150 A DCSP (N <sub>2</sub> , H-35, N <sub>2</sub> /H <sub>2</sub> Plasma)	
Approved Service Gases		
Plasma	Air, N <sub>2</sub> , H-35, N <sub>2</sub> /H <sub>2</sub> mixtures	
Cooling	Air, N <sub>2</sub> , CO <sub>2</sub>	
Min. Gas Flow Requirements		
Plasma	200 cfh @ 70 psig	
Cooling	360 cfh @ 70 psig	
Length of Service Leads	25 ft. (7.6 m) 50 ft. (15.2 m)	
Weight of Service Leads	14 lbs. - 25 ft. (7.6 m) 25 lbs. - 50 ft. (15.2 m)	

Instruction Manual .....	F-15-266
Product Data Page.....	PAC-21016

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### Spare Parts Kit

Description	Part Number	21946 100 A	21947 150 A
Heat Shield	21654	2	2
Nozzles (100 A)	21597	5	-
Nozzles (150 A)	21598	-	5
Nozzles, Gouging	21599	2	2
Gouging Guard	21656	1	1
Swirl Baffle	21667	2	2
Electrodes (Air, N <sub>2</sub> , N <sub>2</sub> /H <sub>2</sub> )	21595	5	-
Electrodes (H-35 (Air / H <sub>2</sub> ))	21780	-	5
Stand off Guide	21943	1	1

Torches

