

PT-26

Plasmarc manual cutting torch



- Excellent cutting capability—cuts up to 3 ½ in. (88.9 m) and severs 4 in. (101.6 m) using air, nitrogen or argon-hydrogen at 300 Amps
- Produces clean, high quality cuts
- Patent pending safety circuit for enhanced operator safety
- Operates with shop or cylinder air, nitrogen or argon-hydrogen at 300 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 capacity for grate or expanded metal applications
- Gouging guard and stand-off guide available for operator convenience



Consoles

The PT-26 can be used with the following consoles:

- ESP-150
- ESP-200
- Deuce Pack 150

Specifications

PT-26	
Current Capacity (All Service Gases and Pressures)	
100% Duty Cycle	200 A DCSP
60% Duty Cycle	300 A DCSP
Maximum Rated Current	300 A DCSP
Approved Service Gases	
Plasma	Air, N ₂ , H-35, N ₂ /H ₂ mixtures
Shield	Air, N ₂ , CO ₂ , Ar
Min. Gas Flow Requirements	
Plasma	240 cfh @ 80 psig (112 l/min @ 5.6 bar)
Shield	200 cfh @ 85 psig (94 l/min. @ 6.0 bar)
Max. Allowable Inlet Gas Pressure	100 psig (6.9 bar)
Start Gas Pressure	30 psig (2.8 bar)
Min. Water Supply Flow Requirements	0.9 gpm @ 95 psig (3.4 l/min @ 6.6 bar)
Max. Water Inlet Pressure	120 psig (8.3 bar)
Max. Water Temperature	105° F (40° C)
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) 28 lbs. - 50 ft. (15.2 m)

This versatile, easy-to-use 300 Amp torch provides superior performance for a full range of manual and mechanized cutting applications.

Ordering Information

PT-26, 90°	
25 ft. lead	36558
50 ft. lead	36559
PT-26, 70°	
25 ft. lead	0558002208
50 ft. lead	0558002209
PT-26, In-line	
25 ft.	0558002320
50 ft.	0558002321
PT-26, SL	
25 ft.	0558005621
50 ft.	0558005622

Note: In-line torches have 2 in. barrel diameter and come without rack or torch holder.

SL-Slim line torches have 1 ¾ in. barrel diameter and come with rack and torch holder.

Optional Accessories

Plasma Torch Head Protector

For gouging..... 20806

Leather Sheath

25 ft.* 0558002921

50 ft.* Slip-On 0558002922

Spare Parts Kit

300 A Deuce Pack and ESP-200* 36821

150 A ESP-150 0558002864

Torch Holder, 2 in. 0558002985

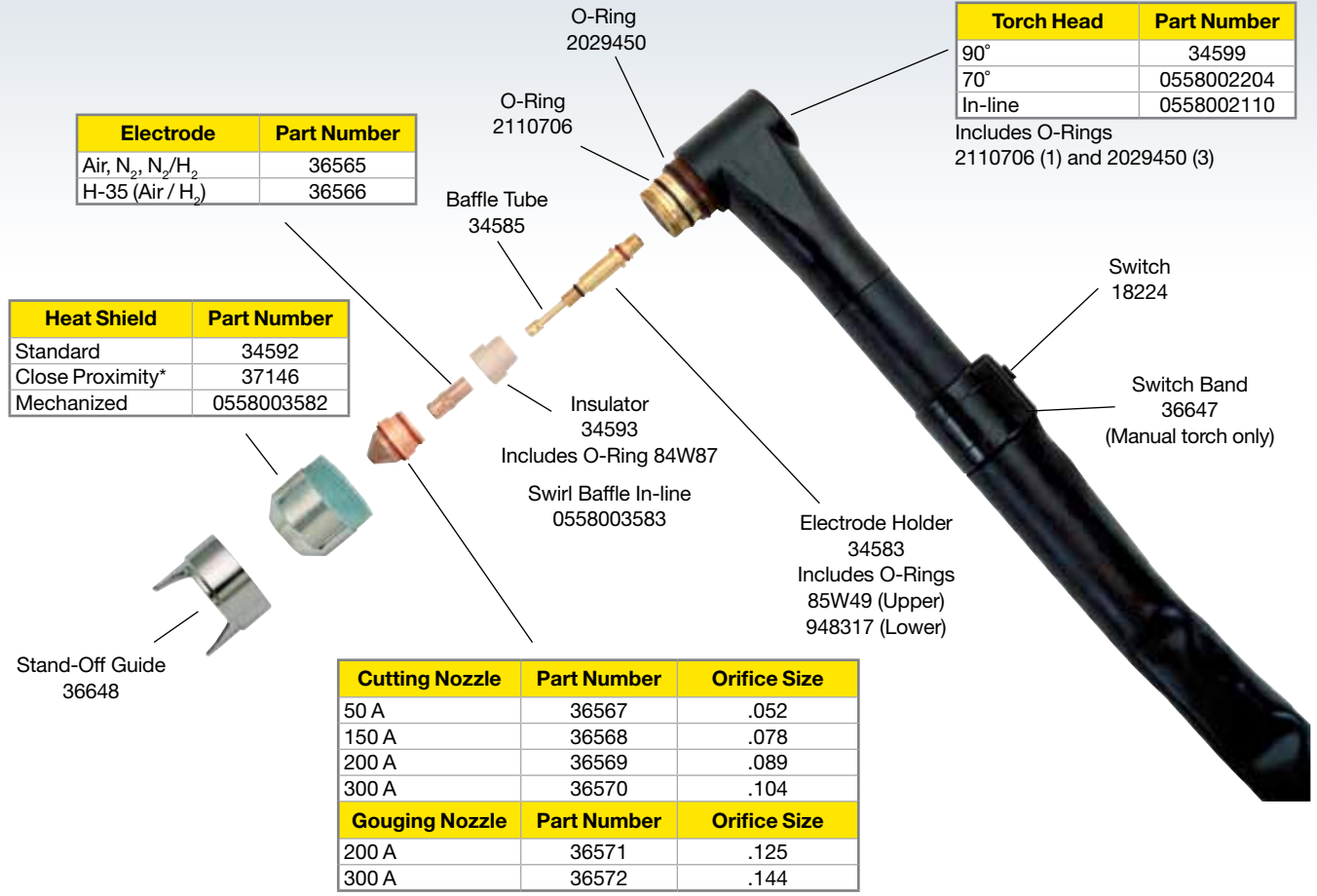
Torch Rigging Kit..... 0558003186

*Standard on manual torch.

Instruction Manual	F-15-345
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All include O-Rings
2110578 (Upper) and 994092 (Lower)

* For use when cutting or gouging in close proximity of workpiece.
Standard on In-line version.

Spare Parts Kit

Description	Part Number	36821	0558002864
		300 A	150 A
Electrode Air / N ₂	36565	3	3
Electrode H-35	36566	3	3
Nozzle 50 A	36567	3	3
Nozzle 150 A	36568	3	6
Nozzle 200 A	36569	3	-
Nozzle 300 A	36570	3	-
Nozzle Gouging 200 A	36571	1	3
Nozzle Gouging 300 A	36572	1	-
Wrench	19129	1	1
Heat Shield	34592	1	1
Shield, Close Proximity	37146	1	1
Stand Off Guide	36648	1	1
Lubricant .25 oz	0558000443	1	1
O-Ring 1.176 ID .070 Nitrile	2029450	5	5
O-Ring 1.051 ID .07	2110706	5	5
O-Ring 0.612 ID	84W87	5	5
O-Ring 0.301ID	85W49	1	1
O-Ring 0.239 ID	948317	1	1
Insulator	34593	1	1

