

PT-26 Manual/Mechanized Torch



- Excellent cutting capability - cuts up to 3-1/2 in. (88.9 mm) and severs 4 in. (101.6 mm) using air, Nitrogen or Argon-Hydrogen at 300A
- Produces clean, high quality cuts
- Patent pending safety circuit for enhanced operator safety
- Operates with shop or cylinder air, Nitrogen or Argon-Hydrogen at 300A
- Compact, lightweight design for easy 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 ESAB consoles:

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

Note: In-line torches have 2 in. (50.8 mm) barrel diameter and come without rack or torch holder. SL-Slim Line torches have 1-3/8 in. (35 mm) barrel diameter and come with rack and torch holder.



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. (7.6 m) lead.....	36558
50 ft. (15.2 m) lead.....	36559
PT-26, 70°	
25 ft. (7.6 m) lead.....	0558002208
50 ft. (15.2 m) lead.....	0558002209
PT-26, In-line	
25 ft. (7.6 m).....	0558002320
50 ft. (15.2 m).....	0558002321
PT-26, SL	
25 ft. (7.6 m).....	0558005621
50 ft. (15.2 m).....	0558005622

Specifications

PT-26	
Current capacity (all service gases and pressures): 100% duty cycle 60% duty cycle Maximum rated current	200A DCSP 300A DCSP 300A DCSP
Approved service gases: Plasma Shield	Air, N ₂ , H-35, N ₂ /H ₂ mixtures Air, N ₂ , CO ₂ , Ar
Min. gas flow requirements, cfm @ psig (L/min @ bar): Plasma Shield	240 @ 80 (112 @ 5.6) 200 @ 85 (94 @ 6.0)
Max. allowable inlet gas pressure, psig (bar)	100 (6.9)
Start gas pressure, psig (bar)	30 (2.8)
Min. water supply flow requirements, gpm @ psig (L/min @ bar)	0.9 @ 95 (3.4 @ 6.6)
Max. water inlet pressure, psig (bar)	120 (8.3)
Max. water temperature, °F (°C)	105 (40)
Length of service leads, ft. (m)	25 (7.6) 50 (15.2)
Weight of service leads, lbs. (kg): 25 ft. (7.6 m) 50 ft. (15.2 m)	14 (6.4) 28 (11.4)

ESAB Welding and Cutting Products

United States / esabna.com / 1.800.ESAB.123 Canada / esab.ca / 1.877.935.3226 Mexico / esab.com.mx / (81) 8305.3700

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Electrode	Part Number
Air, N ₂ , N ₂ /H ₂	36565
H-35 (Air / H ₂)	36566

Heat Shield	Part Number
Standard	34592
Close Proximity ¹	37146
Mechanized	0558003582

¹For use when cutting or gouging in close proximity of workpiece. Standard on In-line version.

Stand-Off Guide
36648

O-Ring
2029450

O-Ring
2110706

Baffle Tube
34585

Electrode Holder 34583
Includes O-Rings 85W49
(Upper) 948317 (Lower)

Insulator 34593
Includes O-Ring 84W87
Swirl Baffle In-line 0558003583

Torch Head	Part Number
90°	34599
70°	0558002204
In-line	0558002110

Includes O-rings 2110706 (1) and 2029450 (3).

Switch
18224

Switch Band
36647
(Manual torch only)

Cutting Nozzle	Part Number	Orifice Size, in. (mm)
50A	36567	.052 (1.3)
150A	36568	.078 (2.0)
200A	36569	.089 (2.3)
300A	36570	.104 (2.6)
Gouging Nozzle	Part Number	Orifice Size, in. (mm)
200A	36571	.125 (3.2)
300A	36572	.144 (3.7)

Includes O-rings 2110578 (upper) and 994092 (lower).

Options & Accessories

- Plasma torch head protector for gouging..... 20806
- Leather sheath, 25 ft. (7.6 m)¹ 0558002921
- Leather sheath, 50 ft. (15.2 m), slip-on ¹ 0558002922

Spare Parts Kits

- 300A Deuce Pack and ESP-200¹ 36821
- 150A ESP-150 0558002864

- Torch holder, 2 in. (51 mm) 0558002985
- Torch rigging kit 0558003186

¹Standard on manual torch.

Spare Parts Kit

Description	Part Number	36821	
		300A	0558002864 150A
Electrode Air/N ₂	36565	3	3
Electrode H-35	36566	3	3
Nozzle 50A	36567	3	3
Nozzle 150A	36568	3	6
Nozzle 200A	36569	3	-
Nozzle 300A	36570	3	-
Nozzle, gouging 200A	36571	1	3
Nozzle, gouging 300A	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
MT400 liner O-ring	2064068	1	1
Insulator	34593	1	1