

PT-19XLS Mechanized Torch



- Heavy-duty performance
- Designed for exceptional durability
- Precision engineering
- Excellent nozzle and electrode concentricity
- 180° in-line mechanized torch
- Water-cooled, not water injected (dry)
- Pilot arc starting - even starts on paint
- Uses Oxygen, Nitrogen, Argon-Hydrogen or air for plasma gas

Consoles

The PT-19XLS can be used with the following ESAB consoles:

- ESP-150
- ESP-200
- Deuce Pack 150 (special order)

Ordering Information

PT-19XLS

4.5 ft. (1.4 m) lead	37086
6 ft. (1.8 m) lead	37087
12 ft. (3.7 m) lead	37088
15 ft. (4.6 m) lead	37089
17 ft. (5.2 m) lead	37090
20 ft. (6.1 m) lead.....	37091
25 ft. (7.6 m) lead	37092
50 ft. (15.2 m) lead.....	37093
PT-19XLS less leads	37543

Use with consoles only.

Specifications

PT-19XLS	
Current capacity	360A @ 100% duty cycle 150A w/PCM-150 or PCM-1500
Cut gas consumption, cfh	35 to 260
Stand-off, in. (mm)	5/32 to 1/2 (3.96 to 12.7)
Start gas pressure, psig	100 to 125
Cut gas pressure, psig	100 to 125
Length of service leads, ft. (m)	4.5 (1.4) 6 (1.8) 12 (3.7) 15 (4.6) 17 (5.2) 20 (6.1) 25 (7.6) 50 (15.2)
Dimensions, in. (mm)	15-1/2 (388) length, 2 (50.8) barrel diameter



This ruggedly designed torch provides excellent performance for everyday use with ESAB consoles or as part of a specially configured ESP heavy mechanized cutting system.

Options & Accessories

Plasma flow measuring kit	0558000739
Remote hand control switch	680982
Spare parts kit.....	37307
Start-up kit, 200A	37508
Air curtain kit	37460
Water muffler	37439
Pilot arc adaptor to PCM 150	19497

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Cutting Nozzle	Part Number
250A	21822
300A	0558002608
360A	35885
400A	22195
600A	22401

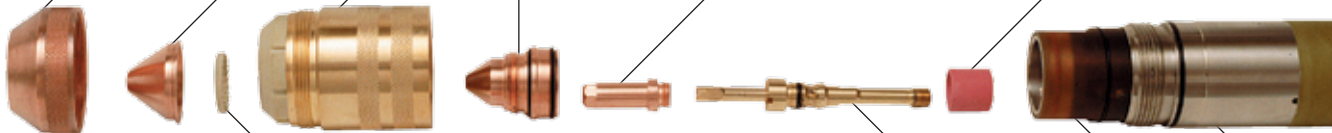
Swirl Baffle	Part Number	Notes
50-200A, Air, N ₂ , O ₂	948142	4 Hole Std
50-200A, Air, N ₂ , O ₂	948143	4 Hole Rev
250-600A, N ₂ , H-35	35660	8 x .047
250-600A, N ₂ , H-35	35661	8 x .047 Rev.
400-450A, O ₂	22194	32 x .032

Shield	Part Number
50A	21795
100 - 250A	21802
250 - 600A	21945

Electrode	Part Number
50-250A, Air, N ₂ , O ₂	34086XL
150-600A, N ₂ , H-35	22403
325-360A, Air, N ₂ , O ₂	35886XL
400-450A, O ₂	22196

Shield Retainer
0004470046

Nozzle
Retainer Cup
0004470045



Diffuser	Part Number
50A	0004470030
100 - 600A	0004470031
250 - 600A rev.	0004470115

Nozzle Tip	Part Number
50A	22026
100A	22029
150A	22030
200A	22031
250A	22032

Nozzle Base	Part Number
50A	22027
100 - 250A	22028

Torch Body
37066

Insulator Assembly
37083

Electrode Holder
37068