

# FP-200 & MST-200

## Firepower Dual Voltage 200 Amp Welders



*FP-200 MIG/Flux-Cored  
Welding System Package*



*MST-200 Multi-Process  
MIG/Stick/DC TIG Welding System Package*

ESAB Designed Firepower FP-200 and Firepower MST-200 inverter-based welding systems are ready to tackle steel, stainless and aluminum projects. Their professional-grade arc characteristics and full-featured digital controls enable you to fine-tune arc performance to deliver superior welding results. They weigh just 29 lbs. and offer dual-voltage 120/230V flexibility. Take these welders wherever work takes you – around the shop, in the field or at home in your garage.

### ESAB Genuine Tweco & Victor Accessories

Firepower FP-200 comes with a Tweco Fusion 180 MIG gun, Firepower/Victor GF250 gas regulator, Firepower ground clamp with heavy-duty 50 mm dinse connection, 50A-15A (120/230V) power adapter, sample spool of flux cored wire and 0.023/0.030 and 0.030/0.035 drive rolls.

Firepower MST-200 comes with all of the above, plus a Tweco 17V TIG torch and Tweco electrode holder.

Spool gun-ready for MIG aluminum, optional remote foot control for Lift TIG welding.

- **Firepower FP-200** is a MIG/Flux Cored welding system with a 30 – 200A output. Welds material from 22 gauge up to 3/8-inch in a single pass. Accepts 4- and 8-inch diameter wire spools.
- **Firepower MST-200** is a Multi-Process MIG/Flux Cored/Stick/Lift TIG welding system with a 10 –200A output. Stable Lift TIG arc at low amperage for total control; power to run Stick electrodes up to 5/32- inch
- Digital controls with large easy-to-read LED display enable fast, easy and more accurate operation.
- Improve welding results with advanced functions typically found on industrial machines: MIG wire run- in, burn-back, variable inductance, 2T/4T trigger control, Lift TIG arc starts, gas pre and post-flow, Stick hot start and arc force control.
- Location flexibility. Both units weigh 29 lbs., connect to 120/230V primary power and run off a generator with a 10 kVA output.

Visit [FirepowerOnline.com](http://FirepowerOnline.com) for more information.

### Industry

- Automotive
- Agricultural Equipment
- Civil Construction
- Repair and Maintenance
- Light Fabrication
- Automotive Bodies
- HVAC

# FP-200 & MST-200

Specifications		
Model	FP-200	MST-200
Primary Voltage, 1 ph	115/230 VAC, ± 15%, 50/60 Hz	115/230 VAC, ± 15%, 50/60 Hz
Supply Voltage Range	97 – 132 VAC / 195 – 265 VAC	97 – 132 VAC / 195 – 265 VAC
MIG (GMAW) Welding Output	115V: 90A/18.5V @40%, 57A/16.9V @100% 230V: 200A/24V @15%, 77A/17.9V @100%	115V: 90A/18.5V @40%, 57A/16.9V @100% 230V: 200A/24V @15%, 77A/17.9V @100%
STICK (SMAW) Welding Output	-	115V: 70A/22.8V @40%, 44A/21.8V @100% 230V: 170A/26.8V @20%, 66A/22.6V @100%
Lift TIG (GTAW) Welding Output	-	115V: 90A/13.6V @40%, 57A/12.3V @100% 230V: 200A/18V @15%, 77A/13.1V @100%
Current Range	30 – 200 Amps	10 – 200 Amps
MIG (GMAW) Welding Voltage Range	115V: 12V-20V      230V: 12V-24V	115V: 12V-20V      230V: 12V-24V
Maximum Input Current	27.2 – 40 A	20 – 40 A
Maximum Plate Thickness	3/8 in. (9.5 mm) @ 230V	3/8 in. (9.5 mm) @ 230V
Wire Dimensions		
Mild Steel	.024 – .030 in. (0.6 – 0.8 mm)	.024 – .030 in. (0.6 – 0.8 mm)
Stainless Steel	.024 – .030 in. (0.6 – 0.8 mm)	.024 – .030 in. (0.6 – 0.8 mm)
Aluminum	.030 – .035 in. (0.8 – 0.9 mm)	.030 – .035 in. (0.8 – 0.9 mm)
Cored Wire	.030 – .035 in. (0.8 – 0.9 mm)	.030 – .035 in. (0.8 – 0.9 mm)
Wire Feed Speed	80 – 450 ipm (2 – 11 m/min)	80 – 450 ipm (2 – 11 m/min)
Wire Spool Capacity	4 & 8 in., (100 & 200 mm), 2–11 lbs (1–5 kg)	4 & 8 in., (100 & 200 mm), 2–11 lbs (1–5 kg)
Lead Cord	14 A WG NEMA 5-20P, 10 ft (3 m) rubber	14 A WG NEMA 5-20P, 10 ft (3 m) rubber
Protection Class	IP21S	IP21S
Certification Mark (Standards)	CSA	CSA
Warranty	3 year	3 year
Dimensions L x W x H	15 x 8.7 x 19.2 in. (381 x 221 x 487 mm)	15 x 8.7 x 19.2 in. (381 x 221 x 487 mm)
Weight	28.7 lbs (13 kg)	28.7 lbs (13 kg)

Ordering Information	
FP-200 System Package <sup>1)</sup>	1444-1200
MST-200 System Package <sup>2)</sup>	1444-3200

<sup>1)</sup> FP-200 package includes: Power Source, Tweco Fusion 180 Velocity MIG Gun with Tweco Connection & Velocity Consumables, Ground Clamp, Argon/CO2 Regulator, Power Adaptor and Sample Wire Spool.

<sup>2)</sup> MST-200 package includes: Power Source, Tweco Fusion 180 Velocity MIG Gun with Tweco Connection & Velocity Consumables, Tweco 17V TIG Torch with 50 mm Dinse and Accessory Kit, Electrode Holder, Ground Clamp, Argon/CO2 Regulator, Power Adaptor and Sample Wire Spool.

Options & Accessories	
Tweco Spool Gun 160 A, 3.6 m (12 ft) (required for AI MIG welding)	1027-1397
Firepower TIG Foot Control 15' 8-Pin	1442-0025
ESAB TIG Foot Control, 4.6 m (15 ft) cable and 8-pin	W4014450
TIG Accessory Kit .040" & 1/16" (20-115A)	1442-0065
TIG Accessory Kit 3/32" & 1/8" (100-225A)	1442-0066
Victor Argon Flow Gauge Regulator GF-250-50-580	0781-9411
Firepower Argon/CO2 Flowgauge Regulator, 580 CGA, 10-150 PSIG	0781-9832
Gas Hose, 3.8 m (12.5 ft), Male 5/8-18UNF	W4013900
Power Adapter, 230 V to 120 V, 15 A	W4014000
Basic Utility Cart	1444-0900

**FirepowerOnline.com**

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