



Ignis

180XT

Long grid leads or voltage fluctuations are no longer a problem with the Ignis 180XT. This robust welding system always provides a stable arc, even with generator-powered operation or over a wide operating range.

This makes the Ignis the perfect companion for many tasks, especially on construction sites, private workshops, and for repair and maintenance in industry and agriculture.



Reliable in all situations

- Mobile and robust
- Full power even with long grid leads
- Easy and user-friendly operation

Impressive features

- 120-230 V -20%/+15%
- HotStart / SoftStart / Anti-stick
- Stick Pulse
- Multilock
- Tracking Arc
- Remote control operation
- TIG function
- TIG Comfort Stop
- TIG Pulse (with TIG variant)
- TAC tacking function (with TIG variant)
- TIG Multi Connector (with TIG variant)
- Time shutdown (300s / 900s / off)
- Easy exchange of mains cable/plug for different input power with the Fronius Power Plug



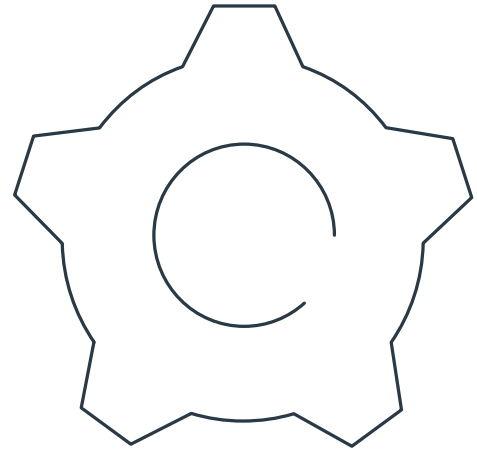
Intuitive controls,
wide range of settings

- Press-and-turn button (can also be used when wearing gloves)
- Various welding processes: Stick, CEL, TIG
- Set values: Arc-force dynamic, welding current, HotStart/SoftStart, Pulse



Technical data

At just over 19 lbs, the Ignis 180XT is truly lightweight and suitable for mobile use. The robust construction of the devices as well as the integrated stainless steel filter provide reliable protection even in demanding outdoor applications or volatile weather conditions.



	Ignis 180XT / 180XT TIG		
Welding current -20 %/+15 %, 50/60 Hz	230 V	120 V (20 A)	120 V (15 A)
Power consumption	5.75 kVA	3.48 kVA	2.28 kVA
Efficiency	89% (at 120 A)		
Welding current range			
Electrode	10 – 180 A	10 – 120 A	10 – 85 A
TIG	10 – 220 A	10 – 170 A	10 – 140 A
Electrode/welding current range at 10 min/40°C (104° F)	180 A (40% ED) 150 A (60% ED) 120 A (100% ED)	120 A (40% ED) 100 A (60% ED) 90 A (100% ED)	85 A (40% ED) 70 A (60% ED) 65 A (100% ED)
TIG/welding current range at 10 min/40°C (104° F)	220 A (40% ED) 160 A (60% ED) 130 A (100% ED)	170 A (40% ED) 130 A (60% ED) 100 A (100% ED)	140 A (40% ED) 110 A (60% ED) 100 A (100% ED)
Open-circuit voltage	101 V		
Working voltage	20.4 – 27.2 V		
Electrode	10.4 – 18.8 V		
TIG			
Degree of protection	IP 23		
Dimensions l/w/h	171 / 6.3 / 12.2 in. (435 / 160 / 310 mm)		
Weight	19.6 lb. (8.9 kg)		
Standard packages	49,0400,0002 - Ignis 180XT Stick 49,0400,0005 - Ignis 180XT Stick/TIG		