



tigSpeed drive CW

- Cold wire feeder

tigSpeed drive HW

- Hot wire feeder with integrated hot wire power source



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TIG cold wire welding



TIG hot wire welding

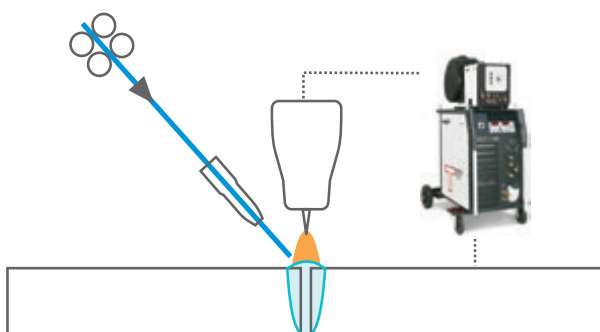


EWM tigSpeed

increases deposition rates, welding speeds and quality and saves production costs

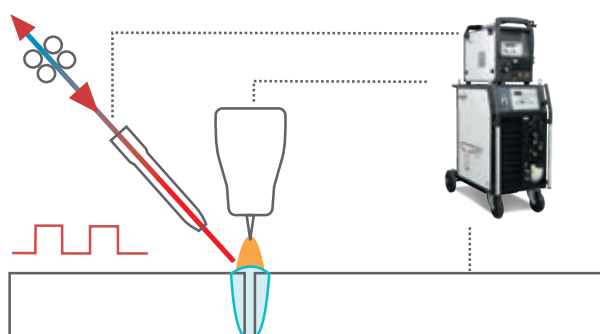
TIG speed welding is the logical extension of TIG cold and TIG hot wire welding. The continuous wire feeding is superimposed by a forward/backward wire motion. This leads to a particularly stable welding process with a high deposition rate, which is particularly suitable for positional welding. Available as cold and hot wire systems!

Highlights



TIG cold wire welding

- TIG cold wire welding was developed primarily with the aim of making TIG welding easier and more convenient to use, and secondarily to increase the welding speed. In this process, the filler wire is conveyed to the weld pool by a wire feed mechanism.



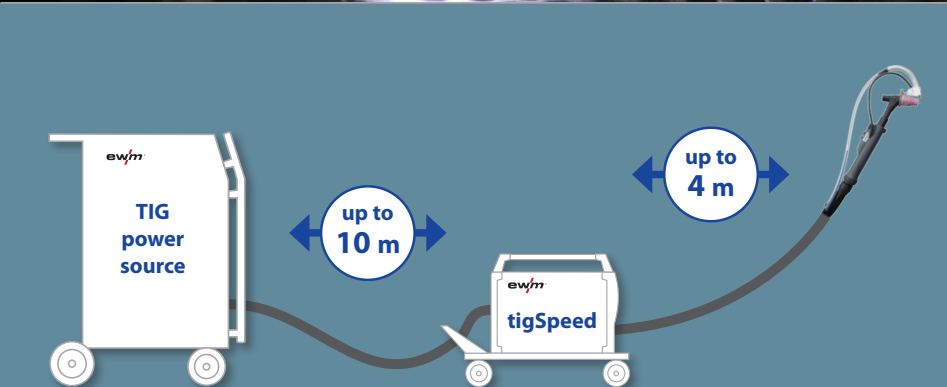
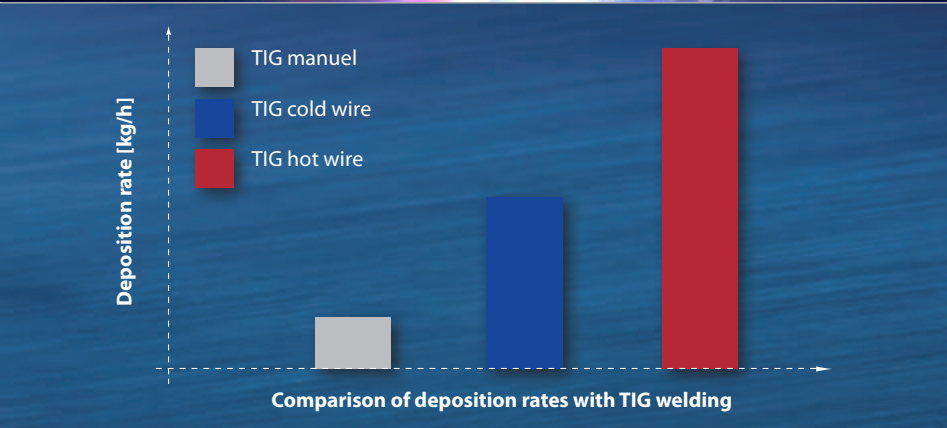
tigSpeed welding with superimposed forward/backward wire motion

- tigSpeed welding is the logical extension of the TIG cold and hot wire welding. The continual wire feeding is superimposed by forward/backward motion of the wire. This leads to a particularly stable welding process with a high deposition rate, which is especially suitable for positional welding.



Advantages

- TIG cold and hot wire welding with dynamic wire feeding system
- High process reliability and excellent welding results
- Higher welding speed and simple handling
- Dynamic wire feeding for more control in the weld pool, also in positional welding
- Lower risk of weld errors
- Up to 100% faster welding speed
- Up to 60% improvement in deposition rates
- Dilution reduced by up to 60%
- Perfect weld, no spatters
- spotArc and spotMatic functions
- 4-roller wire feed
- Can be used with any TIG welding machine
- Significantly lower fume generation than with MIG/MAG pulse welding





Specifications

Wire speed	0.5 m/min - 15 m/min
Mains voltage (tolerances)	230 V (-20 % - +20 %)
Hotwire Power range	70 A - 130 A
Oscillating frequency	1 Hz - 16 Hz
Wire feeder LxWxH in mm	624 x 342 x 480
Weight, wire feeder	29 kg



Options/accessories



/ 1



/ 2



/ 3



/ 4



/ 5

- / 1 **Function torches, 12-pole**
TIG welding torch, hot wire, up/down 30°
- / 2 **Function torches, 12-pole**
TIG welding torch, hot wire, up/down 42°
- / 3 **Options for retrofitting**
Wheel assembly kit with strain relief

- / 4 **Intermediate hose packages**
Intermediate hose package, water-cooled, additional wire
- / 5 **Drive rollers**
2 drive rolls, 37mm, 4 roll drive for steel
Spare rollers for steel wire (standard steel model)
Includes 2 drive rollers



SALES / CONSULTANCY / SERVICE



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