

Intermediary Wire Feeder

For working far away from the power source

The water cooled IWF for Sigma Select is a lightweight and durable alternative for carrying around heavy wire feeders. It extends the welders' working ranges, so they are free to work far from the power source.

Adding the IWF to a welding setup with long intermediary cables and a separate wire feeder, the welder can work as far as 30 meters from the power source.

Add a Smart Torch module to your torch to provide easy access to adjusting and finetuning welding parameter on the torch handle.

Applications

The IWF is designed for welders in onshore and offshore production where they carry out mounting or repair of tubes, pipes, jackets and containers etc. Use it for feeding of mild and stainless steel wires, aluminium and Flux Cored Wires.

Installation is plug and play

The welding machine automatically registers the IWF, so the user only needs to choose the preferred welding program. There are no settings to be modified or calibration to be done by the user.



All Sigma Select machines purchased since February 2021 supports the IWF.

MIGATRONIC



Article no.

80890710 IWF (Integrated Wire Feeder) push pull complete 10 m, 1.0 V, Fe 17 p

80890725 IWF (Integrated Wire Feeder) push pull complete 25 m, 1.0 V, Fe 17 p

The IWF is configured for welding in 1.0mm steel, but a wide range of wear parts are available for sale to fit each welding task.

Intermediary Wire Feeder	DC	PULSE
Maximum rated current CO2	400 A	280 A
Duty cycle CO2	80%	80%
Maximum rated current Mix gas	320 A	225 A
Duty cycle argon Mix gas	80%	80%
Wire Ø	0.8-2.0 mm	0.8-2.0 mm

Motor (IWF)

Type	Standard DC
Voltage [V]	48
Nominal power [A]	1.72
Rpm	7750
Ratio	1:20
Wire speed (m/min)	ca. 27
Wire force [N]	200

Welding process	Distance to workpiece	Total cable length in welding circuit
MIG - IAC and pulse	10 m	20 m
MIG - non pulse	30 m	60 m