

Kemppi WeldSnake™

Kemppi WeldSnake™ - Double length

Kemppi WeldSnake™ is a product range of extra long water cooled MIG guns for pushing Aluminium and Stainless Steel MIG/MAG wire.

The Kemppi WeldSnake™ gives more working distance and reduces your investment and maintenance costs compared to the traditional solution with Push Pull or with boom mounting. The lightweight Kemppi WeldSnake™ fits to your hand and has excellent access even to narrow places. WeldSnake™ revolutionizes Aluminium and Stainless Steel MIG welding. Forget how to bring your equipment close to the work, just take hold of WeldSnake™ and it crawls to the work site.

Kemppi WeldSnake™ – WS™ MIG Gun is a lightweight and economical solution for places where you need longer range and the wire feeder cannot be placed close to the weld site or the feeder cannot be moved along with welding. WS™ MIG Guns have Euro connector.

Kemppi WeldSnake™ products

Kemppi WS™ 30W 6m / 8m liquid-cooled 300 Amp
Kemppi WS™ 42W 6m / 8m liquid-cooled 400 Amp

WS MIG guns are suitable to be used with 1,2 (1,6) mm Aluminium and 1,0...1,2 mm Stainless Steel wires.



Technical Data and Order Information

	WS 30W	WS 42W
Loading capacity 100%	300 A	400 A
Filler wires		
	SS 1,0 ... 1,2	1,0 ... 1,2
	Al 1,2 (1,6)	1,2 (1,6)
Cooling	Liquid	Liquid
Order information		
	6 m Al 1,2 6253046A12	6254206A12
	6 m SS 1,0 6253046S10	6254206S10
	6 m SS 1,2 6253046S12	6254206S12
	8 m Al 1,2 6253048A12	6254208A12
	8 m SS 1,0 6253048S10	6254208S10
	8 m SS 1,2 6253048S12	6254208S12

The order number includes MIG gun + DL-Teflon liner and Contact tips (5 pcs) according to the material and wire size.

Note! 6 / 8 m WS™ MIG guns are not recommended for Flux cored or Fe wires.

Note! When using WS™ MIG guns with Pro Evolution MIG set, the Promig program version has to be DB0 or later.

Benefits of Kemppi WeldSnake™

- Unique 6m / 8m length gives extra work range and reduces the number of times the welding machine requires repositioning.
- Lightweight solution for long range - decreased weight of equipment improves occupational health and safety
- Economical compared to the same length Push Pull
- Euro connector
- Smooth feeding due to low friction Kemppi DL-Teflon liner
- New roughened handle surface, no strain on welder's wrist
- Ergonomic design means lightweight with a well-balanced grip
- Excellent access to narrow places due to small size
- Maintenance friendly due to simple construction
- Same consumable spares as in PMT and MMT MIG guns

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Consumable parts for WeldSnake™ MIG guns

Kemppi DL-Teflon liner

Kemppi DL-Teflon liner system reduces the force required to push wire (Al) through the feed line to about one sixth of normal in a process previously dependent on heavy and cumbersome motor-driven push pull torches.



DL-Teflon liner feed system has three major characteristics to virtually eliminate the most common difficulties with feeding Al/SS wire during welding:

- The double layered liner comprises a strong, yet flexible, polyethylene outer tube to protect and support an internal tube made of Teflon for its smooth feeding characteristics.
- At the front there is a contact spiral measured to an optimum length to ensure a current passes to the wire at all times in all weld conditions.
- Between this spiral and the conduit there is a length of pure Teflon to withstand heat and guard the DL-Teflon Liner

Consumable parts

	WS™ 30W	WS™ 42W
DL-Teflon liner 6 m		
1,0 mm SS	4304120	4304120
1,2 mm SS	4304140	4304140
1,2 mm Al	4304100	4304100
DL-Teflon liner 8 m		
1,0 mm SS	4304130	4304130
1,2 mm SS	4304150	4304150
1,2 mm Al	4304110	4304110
Neck part		
1,0 mm SS	4302740	4302740
1,2 mm SS	4302750	4302750
1,2 mm Al	4302150	4302150
Contact tip M8		
1,0 mm SS	9580123SS	9580123SS
1,2 mm SS	9580124SS	9580124SS
1,2 mm Al	9580124A	9580124A
Gas nozzle		
Standard	4295760	4300260
Long	4295760L	4300260L
Conical	4295760C	4300260C
Contact tip adapter	4295740	4295740
Gas diffuser	4294880	4298290
Neck	3146800	3149600

NOTE! Neck part (spiral + teflon) is available also as a spare part:

Contact tips have been made longer for larger contact surface and with larger internal hole diameters. Also the base material of the contact tip has been studied to determine the best possible contact tip for this demanding application.

