

# X8 MIG Guns

ERGONOMICALLY DESIGNED INDUSTRIAL MIG WELDING  
GUNS WITH GREAT PERFORMANCE



## X8 MIG Guns



### ERGONOMICALLY DESIGNED INDUSTRIAL MIG WELDING GUNS WITH GREAT PERFORMANCE

**X8 MIG Guns** are a powerful combination of ergonomic and technical welding performance for industrial MIG welding. The X8 MIG Guns are available in both gas-cooled and water-cooled models, and feature consumables that are easy to fit and maintain. Their innovative neck technology guarantees precise operation of the wire line and better cooling compared to standard MIG guns.

Designed with superb balance, the X8 MIG Guns reduce wrist loading and welder fatigue. The detachable pistol grip handle provides stability and extra comfort for welding longer welds while ensuring perfect touch of the trigger. An additional remote control is also available for easy adjustment of welding parameters. For dimly lit work conditions, the X8 MIG Guns feature a handy LED work light to aid pre-weld positioning and post-weld visibility.

**X8 MIG Guns are compatible with X8 MIG Welder.**

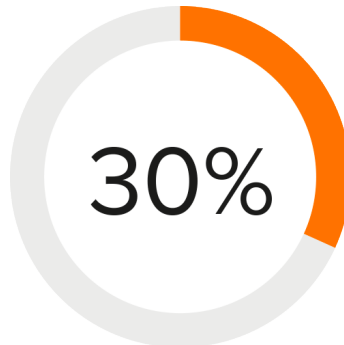


## KEY BENEFITS



### PRECISE OPERATION

With improved wire line technology



### LOWER CONSUMABLE TEMPERATURES

For better performance and longer wear



### INTEGRATED LED WORK LIGHT

Enables quality welds in low light conditions

---

## BENEFITS

- Available in both gas-cooled and water-cooled models with interchangeable spare parts
- High quality consumables that are easy to fit and maintain
- Improved cooling and gas shield compared to standard MIG guns
- Excellent arc ignition with the Touch Sense Ignition feature
- LED work light for illuminating the area near the tip of the pistol
- Kempfi Gun Connector guarantees a firm connection to the wire feeder and offers enhanced mechanical and electrical properties together with real arc voltage measurement
- The cable's ball-and-socket joint balances the welding gun and reduces torque on the welder's wrist
- Detachable pistol grip handle improves ergonomics in different welding positions
- X8 Gun Remote Control is available as an accessory for adjusting welding parameters and managing memory channels
- The gas-cooled X8 MIG Gun range features replaceable necks



## PRODUCT OPTIONS



### X8 MIG Gun 200-g

Gas-cooled welding gun with threaded gas nozzle and fast-changeable rotating neck. Ergonomically designed to fit the welder's hand. Includes an easy-to-connect pistol grip handle and a work light. Available in 3.5 and 5 meters. Wire diameter 0.8–1.2 mm.



### X8 MIG Gun 300-g

Gas-cooled welding gun with threaded gas nozzle and fast-changeable rotating neck. Ergonomically designed to fit the welder's hand. Includes an easy-to-connect pistol grip handle and a work light. Available in 3.5 and 5 meters. Wire diameter 0.8–1.2 mm.



### X8 MIG Gun 400-g

Gas-cooled welding gun with threaded gas nozzle and fast-changeable rotating neck. Ergonomically designed to fit the welder's hand. Includes an easy-to-connect pistol grip handle and a work light. Available in 3.5 and 5 meters. Wire diameter 0.8–1.6 mm.



### X8 MIG Gun 420-w

Water-cooled welding gun that is easily connected to the X8 Wire Feeder. Perfect fit for the welder's hand. Includes a detachable pistol grip handle and a work light for dimly lit conditions. Available in 3.5 and 5 meters, and as a WeldSnake model in 8 meters. Wire diameter 0.8–1.6 mm (1.2–1.6 mm for WS model).



### X8 MIG Gun 420-w, 250 mm neck

Water-cooled welding gun with a 250 mm neck. Easy connection to the X8 Wire Feeder. Perfect fit for the welder's hand. Includes a detachable pistol grip handle and a work light for dimly lit conditions. Available in 3.5 and 5 meters. Wire diameter 0.8–1.6 mm.



### X8 MIG Gun 520-w

Water-cooled welding gun that is easily connected to the X8 Wire Feeder. Perfect fit for the welder's hand. Includes a detachable pistol grip handle and a work light for dimly lit conditions. Available in 3.5 and 5 meters. Wire diameter 0.8–1.6 mm.



### X8 MIG Gun 520-w, 250 mm neck

Water-cooled welding gun with a 250 mm neck. Easy connection to the X8 Wire Feeder. Perfect fit for the welder's hand. Includes a detachable pistol grip handle and a work light for dimly lit conditions. Available in 3.5 and 5 meters. Wire diameter 0.8–1.6 mm.



### X8 MIG Gun 600-w

Water-cooled welding gun with 250 mm neck length. Includes a detachable pistol grip handle and a work light for dimly lit conditions. X8 MIG Gun 600-w is a great choice for heavy duty manual and mechanized welding solutions. Available in 5 meters. Wire diameter 1.2–2.4 mm.

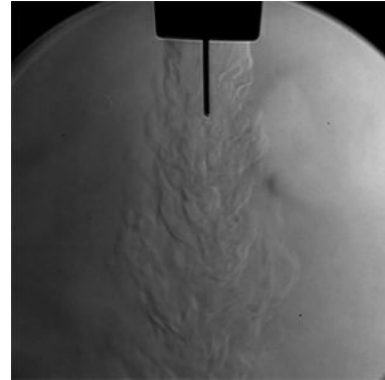


## FEATURES



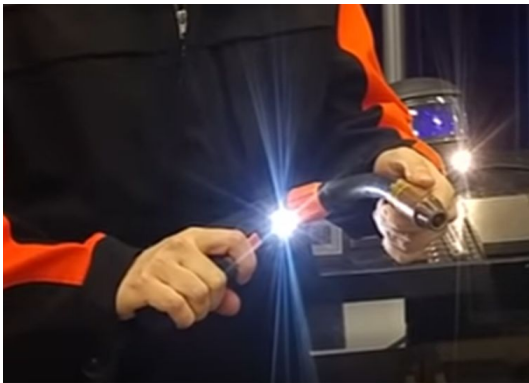
### Ergonomics to the max

With design, mobility and stability, X8 MIG Guns maximize ergonomics. Their innovative design reduces wrist loading and welder fatigue, while the cable's ball-and-socket joint balances the welding gun. Add a perfect touch on the trigger, and welding has never felt better.



### Excellent welding performance

The X8 MIG Guns are in their own league compared to standard MIG guns. Their innovative neck design and structure enable precise wire line operation, a stable shield gas flow, and better cooling. With 20% lower gas nozzle and 30% lower contact tip temperatures, X8 MIG Gun consumables last longer and stay in better shape. Less costs, better bottom line.



### Light it up

X8 MIG Guns are equipped with an integrated LED work light, which illuminates the area around the welding gun's tip whenever you need it the most. This feature is especially helpful when doing pre-weld positioning or post-weld inspections. Never again will dim lighting ruin your welds.



## ACCESSORIES



### X8 Gun Remote Control

Remote control compatible with the Kempfi X8 MIG Gun range.

The X8 Gun Remote Control enables easy and effortless adjustment of welding parameters during welding. Includes a function for selecting and storing memory channels.



### Consumables

High quality consumables for the wire feeder and welding guns. In order to find the right consumables to match your needs, please use the Consumable Kit Selector via My Kempfi.



## TECHNICAL SPECIFICATIONS

### X8 MIG Gun 200-g

Product code	X8 MIG Gun 200-g 3,5 m - X8301203500 X8 MIG Gun 200-g 5,0 m - X8301205000
Gun connection	Kemppi
Cooling	Gas
Filler wires, Ss	0.8/0.9/1.0/1.2
Filler wires, Al	0.8/0.9/1.0/1.2
Filler wires, Fe	0.8/0.9/1.0/1.2
Filler wires, Fe-MC/FC	0.9/1.0/1.2
Filler wires, Ss-MC/FC	0.9/1.0/1.2
Load capacity @ 60 % (Mixed gas)	200
Neck angles	50
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7

### X8 MIG Gun 300-g

Product code	X8 MIG Gun 300-g 3,5 m - X8301303500 X8 MIG Gun 300-g 5,0 m - X8301305000
Gun connection	Kemppi
Cooling	Gas
Filler wires, Ss	0.8/0.9/1.0/1.2
Filler wires, Al	0.8/0.9/1.0/1.2
Filler wires, Fe	0.8/0.9/1.0/1.2
Filler wires, Fe-MC/FC	0.9/1.0/1.2
Filler wires, Ss-MC/FC	0.9/1.0/1.2
Load capacity @ 60 % (Mixed gas)	300
Neck angles	50
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7



## X8 MIG Gun 400-g

Product code	X8 MIG Gun 400-g 3,5 m - X8301403500 X8 MIG Gun 400-g 5,0 m - X8301405000
Gun connection	Kemppi
Cooling	Gas
Filler wires, Ss	0.8/0.9/1.0/1.2/1.6
Filler wires, Al	0.8/0.9/1.0/1.2/1.6
Filler wires, Fe	0.8/0.9/1.0/1.2/1.6
Filler wires, Fe-MC/FC	0.9/1.0/1.2/1.6
Filler wires, Ss-MC/FC	0.9/1.0/1.2/1.6
Load capacity @ 60 % (Mixed gas)	400
Neck angles	50
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7

## X8 MIG Gun 420-w

Product code	X8300423500 - X8 MIG Gun 420-w 3,5 m X8300425000 - X8 MIG Gun 420-w 5,0 m X8300428000 - X8 MIG WS Gun 420-w, 8,0 m
Gun connection	Kemppi
Cooling	Liquid
Filler wires, Ss	0.8/0.9/1.0/1.2/1.4/1.6 (WS 1.2/1.4/1.6)
Filler wires, Al	0.8/0.9/1.0/1.2/1.4/1.6 (WS 1.4/1.6)
Filler wires, Fe	0.8/0.9/1.0/1.2/1.4/1.6 (WS 1.2/1.4/1.6)
Filler wires, Fe-MC/FC	0.9/1.0/1.2/1.4/1.6 (WS 1.2/1.4/1.6)
Filler wires, Ss-MC/FC	0.9/1.0/1.2/1.4/1.6 (WS 1.2/1.4/1.6)
Load capacity @ 100 % (Mixed gas)	420 (WS 300)
Neck angles	50
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7





## X8 MIG Gun 420-w, 250 mm neck

Product code	X8300423501 - X8 MIG Gun 420-w 3,5 m, 250 mm neck X8300425001 - X8 MIG Gun 420-w 5,0 m, 250 mm neck
Gun connection	Kemppi
Filler wire sizes (Ss)	0.8/0.9/1.0/1.2/1.4/1.6
Filler wire sizes (Al)	0.8/0.9/1.0/1.2/1.4/1.6
Cooling	Liquid
Filler wires, Fe-MC/FC	0.9/1.0/1.2/1.4/1.6
Filler wires, Ss-MC/FC	0.9/1.0/1.2/1.4/1.6
Filler wire sizes (Fe)	0.8/0.9/1.0/1.2/1.4/1.6
Load capacity @ 100 % (Mixed gas)	420
Neck angles	50
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7

## X8 MIG Gun 520-w

Product code	X8 MIG Gun 520-w 3,5 m - X8300523500 X8 MIG Gun 520-w 5,0 m - X8300525000
Gun connection	Kemppi
Cooling	Liquid
Filler wires, Ss	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Al	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Fe	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Fe-MC/FC	0.9/1.0/1.2/1.4/1.6
Filler wires, Ss-MC/FC	0.9/1.0/1.2/1.4/1.6
Load capacity @ 100 % (Mixed gas)	520
Neck angles	50
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7



## X8 MIG Gun 520-w, 250 mm neck

Product code	X8300523501 - X8 MIG Gun 520-w 3,5 m, 250 mm neck X8300525001 - X8 MIG Gun 520-w 5,0 m, 250 mm neck
Gun connection	Kemppi
Filler wire sizes (Al)	0.8/0.9/1.0/1.2/1.4/1.6
Cooling	Liquid
Filler wires, Ss	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Fe-MC/FC	0.9/1.0/1.2/1.4/1.6
Filler wires, Ss-MC/FC	0.9/1.0/1.2/1.4/1.6
Filler wire sizes (Fe)	0.8/0.9/1.0/1.2/1.4/1.6
Load capacity @ 100 % (Mixed gas)	520
Neck angles	50
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7

## X8 MIG Gun 600-w

Product code	X8 MIG Gun 600-w 5,0 m - X8300605000
Gun connection	Kemppi
Filler wire sizes (Ss)	1.2 - 1.6
Filler wire sizes (Al)	1.2 - 2.4
Cooling	Liquid
Filler wires, Fe-MC/FC	1.2 - 2.4
Filler wires, Ss-MC/FC	1.2 - 1.6
Filler wire sizes (Fe)	1.2 - 2.4
Load capacity @ 100 % (Mixed gas)	600
Neck angles	50
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7

[WWW.KEMPPI.COM](http://WWW.KEMPPI.COM)

---

**Kemppi** is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

