Flexlite GX

NATURAL EXTENSION TO YOUR HAND

26.06.2021

KEMPPI

And you know.

Flexlite GX

NATURAL EXTENSION TO YOUR HAND

Flexlite GX guns for MIG/MAG welding are designed to increase user comfort and welding productivity. Their innovative production methods, high-quality materials and strict quality control guarantee that you can rely 100 % on your Flexlite GX welding gun.

The pistol grip handle, anatomically designed shape and excellent balance reduce wrist loading, allowing the welder to concentrate on challenging tasks to achieve the perfect weld**.** This has a good effect on both welding quality and productivity.

If you calculate the total cost of ownership for a Flexlite GX gun for MIG/MAG welding, you will see that it stands out for its long-life consumables, for its efficiency and good ergonomics, and that it clearly improves your overall welding productivity.

The Flexlite GX welding guns are available in alternative power classes and lengths, including different neck versions.

In Kemppi Configurator, you are able to configure the MIG welding gun package suitable for your needs.

KEY BENEFITS

EXCELLENT ERGONOMICS

Lower fatigue has positive effect on welder's work and results in better quality and efficiency.

EFFICIENT WELDING

High-performance welding torch uses the power source capacity efficiently and helps create smooth and spatter-free welds.

LONG CONSUMABLE LIFE

Reliable and durable Kemppi consumable parts support welding quality and productivity.

BENEFITS

- Available in three value levels, each designed to serve special welding needs
- Gas-cooled and water-cooled versions available
- Ball-jointed cable protection reduces wrist loading
- Removable pistol grip handle included in every product package
- Up to 35 % lower contact tip temperature thanks to innovative gun neck structure
- The genuine Kemppi consumables are a guarantee of a long lifetime
- Less consumables means lower inventory costs
- K8 level GX welding guns have optional LED work lights
- On-torch remote controls are available for K5 and K8 level welding guns
- Anatomically designed handle gives a firm grip
- All models are equipped with a QR code that takes you directly to relevant information

PRODUCT OPTIONS

GX 203G

200 A, gas-cooled, 3.5 m or 5m, EURO connector

GX 253G

250 A, Gas-cooled, 3.5m or 5m, EURO connector

GX 303G

300 A, Gas-cooled, 3.5m or 5m, EURO connector

GX 303W

300 A, Water-cooled, 3.5m or 5m, EURO connector

GX 403G

400 A, Gas-cooled, 3.5m or 5m, EURO connector

GX 403W

400 A, Water-cooled, 3.5m or 5m, EURO connector

GX 503W

500 A, Water-cooled, 3.5m or 5m, EURO connector

GX 205G

200 A, Gas-cooled, 3.5m or 5m, EURO connector

GX 255G

250 A, Gas-cooled, 3.5m or 5m, EURO connector

GX 305G

300 A, Gas-cooled, 3.5m, 5m, 6m or 8m, EURO connector

GX 305GMN

300 A, Gas-cooled, Multi-neck, 3.5 m or 5m, EURO connector

GX 305W

300 A, Water-cooled, 3.5m, 5m or 6m, EURO connector

GX 405G

400 A, Gas cooled, 3.5m or 5m, EURO connector

GX 405W

400 A, Water cooled, 3.5m, 5m, 6m or 8m, EURO connector

GX 505W

500 A, Water-cooled, 3.5 m or 5m, EURO connector

GX 605W

600 A, Water-cooled, 5m, EURO connector

GX 208GMN

200 A, Gas-cooled, Multi-neck, 3.5m or 5m, KEMPPI connector

GX 308GMN

300 A, Gas-cooled, Multi-neck, 3.5m or 5m, KEMPPI connector

GX 408GMN

400 A, Gas-cooled, Multi-neck, 3.5m or 5m, KEMPPI connector

GX 428W

420 A, Water-cooled, Normal neck or N250, 3.5m, 5m, or 8m, KEMPPI connector

GX 528W

520 A, Water-cooled, Normal neck or N250, 3.5m or 5m, KEMPPI connector

GX 608W

600 A, Water-cooled, 5m, KEMPPI connector

FEATURES

Ergonomic handle design

Anatomically shaped handle with a firm grip reduces wrist loading while welding. The handle cover, trigger and gun remote control are quick and easy to change. The pistol grip handle is included in standard delivery specification in all Flexlite GX welding gun models. It allows a natural wrist position, which makes the work easier and more effortless, especially when doing long welds.

Smart cable design

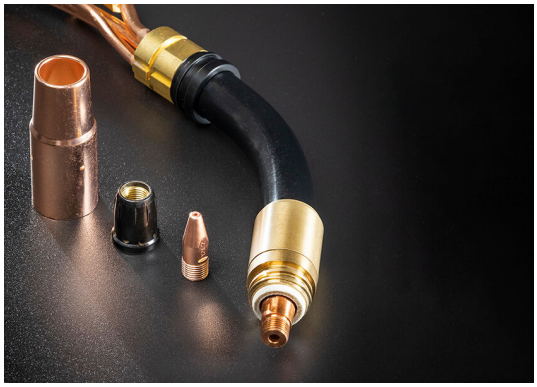
Flexible cable sets and ball-jointed cable protection reduce wrist torque, which makes the work easier and more effortless. The cable set features replaceable internal cables and hoses. Strong, spring-protected cable end prevents sudden bends and protects the hoses inside the cable.

Clean and spatter-free MIG welding

Separate shielding gas channels and the cooling circulation that is running to the end of the gun neck keep the neck cooler and enable cleaner welds, less spatters and reduced shielding gas consumption.

Innovative neck cooling system

According to the tests new Flexlite GX series has up to 35 % lower contact tip temperatures compared to a corresponding other welding guns. Innovative multi-channel cooling system extends the lifetime of contact tips and other consumables.



Less parts, lower costs

The number of changeable parts has been reduced by improving cross-matching across the models. This lowers inventory costs and makes Flexlite MIG welding guns perfect for workshop cost management.

Make adjustments right on the spot

Optional on-torch remote controls allow accurate and immediate welding current adjustment and memory channel selection at a distance. Available for K5 and K8 level welding guns.

Better visibility with work lights

K8 level welding guns feature optional LED work lights to aid pre-weld positioning and post-weld visibility. Work lights provide better visibility in low light working conditions.

Easy access to information

Every Flexlite GX welding gun is equipped with a QR code that takes you effortlessly to relevant ordering codes, consumables, product documents, and Kemppi contact info.

Wire feeder connectivity

K3 and K5 level welding gun models have a universal Euro connection to the wire feeder. This enables their connectivity with the most MIG/MAG welding equipment brands. K8 level welding guns have a special Kemppi connector, allowing accurate data collection from the welding arc.

ACCESSORIES

GXR10

On-torch remote control for Flexlite GX series 5 welding guns allows accurate and immediate welding current adjustment and memory channel selection.

Pistol grip handle for Flexlite GX guns

Standard accessory included in all Flexlite GX welding gun packages. Pistol grip handle for MIG welding guns allows a natural wrist position.

Gun necks

Gun neck carries the electrical current to the tip of the gun along with the shielding gas and cooling liquid. You can extend your welding gun lifetime by updating the neck.

MIG/MAG gas nozzles

Available as threaded or non-threaded and come in many different shapes and sizes for various applications. Available in copper material. Kemppi gas nozzles are easy to clean and change and provide better reachability for special applications (root passes, narrow gap).

Contact tips Kemppi LIFE+

Original Kemppi contact tips ensure optimized welding current transfer to filler wire. Kemppi LiFE+ contact tips last up to 5 times longer than standard copper tips, due to innovative alloying and hardening techniques.

Contact tips

Original Kemppi contact tips ensure optimized welding current transfer to filler wire. Kemppi contact tips are available for all wire materials in most common wire sizes from 0.6mm up to 1.6mm. Larger diameters up to 3.2mm are also available.

Contact tip adapters

Copper or brass contact tip adapters are available for all genuine Kemppi contact tips.

Wire liners

Kemppi wire liners are strong, durable and efficient, designed to suit specific filler wire materials and applications. Most of Kemppi's wire liners are color-coded the same way as the feed rolls in Kemppi wire feeders. This helps to select suitable material for your use. Kemppi liners support the filler wire and ensure its reliable delivery to the welding arc.

DL Chili Liner

Kemppi's patented teflon liner DL Chili is a two-component plastic liner type that represents the latest solution for reliable feeding of aluminum, stainless steel, acid-resistant and solid steel filler wires. DL Chili technology reduces the surface friction between the filler wire and the liner wall, reducing drag by up to six times compared to traditional plastic.

Wire guide tubes

Wire guide tube guides and focuses filler wire to the gun's wire liner when the wire moves from the wire feeder to the gun.

Neck wire liners

A short piece of wire liner inside gun neck, used in gas-cooled multi-neck MIG welding guns.

TECHNICAL SPECIFICATIONS

SERIES 3 WELDING GUNS

GX 203G

Product code	GX203G35 (3.5m), GX203G5 (5m)
Load capacity, Ar + CO2 (35%)	200 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	No
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2
Type of connection	Euro
LED option	No

GX 253G

Product code	GX253G35 (3.5m), GX253G5 (5m)
Load capacity, Ar + CO2 (35%)	250 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	No
Welding process	MIG/MAG
Contact tip	M6
Wire diameters (mm)	0.6-1.2
Type of connection	Euro
LED option	No

GX 303G

Product code	GX303G35 (3.5m), GX303G5 (5m)
Load capacity, Ar + CO2 (35%)	300 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	No
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2
Type of connection	Euro
LED option	No

GX 303W

Product code	GX303W35 (3.5m), GX303W5 (5m)
Load capacity, Ar + CO2 (100%)	300 A
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Remote control	No
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Euro
LED option	No

GX 403G

Product code	GX403G35 (3.5m), GX403G5 (5m)
Load capacity, Ar + CO2 (35%)	400 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	No
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Euro
LED option	No

GX 403W

Product code	GX403W35 (3.5m), GX403W5 (5m)
Load capacity, Ar + CO2 (100%)	400 A
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Remote control	No
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Euro
LED option	No

GX 503W

Product code	GX503W35 (3.5m), GX503W5 (5m)
Load capacity, Ar + CO2 (100%)	500 A
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Remote control	No
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Euro
LED option	No

SERIES 5 WELDING GUNS

GX 205G

Product code	GX205G35 (3.5m), GX205G5 (5m)
Load capacity, Ar + CO2 (35%)	200 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 255G

Product code	GX255G35 (3.5m), GX255G5 (5m)
Load capacity, Ar + CO2 (35%)	250 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Welding process	MIG/MAG
Contact tip	M6
Wire diameters (mm)	0.6–1.2
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 305G

Product code	GX305G35 (3.5m), GX305G5 (5m), GX305GS6* (6m), GX305GS8* (8m) *GS models 6m/8m delivered without a wire liner
Load capacity, Ar + CO2 (35%)	300 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2 (3.5m and 5m models) 1.0–1.2 (6m and 8m GS models)
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 305GMN

Product code	GX305GMN35 (3.5m), GX305GMN5 (5m)
Load capacity, Ar + CO2 (35%)	350 A
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 305W

Product code	GX305W35 (3.5m), GX305W5 (5m), GX305WS6* (6m) *WS model 6m delivered without a wire liner
Load capacity, Ar + CO2 (100%)	300 A (3.5m and 5m models) 250 A (6m WS model) 300 A (3.5m and 5m models) 250 A (6m WS model)
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6 (3.5m and 5m models) 1.0–1.6 (6m WS model)
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 405G

Product code	GX405G35 (3.5m), GX405G5 (5m)
Load capacity, Ar + CO2 (35%)	400 A
Changeable neck	No
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 405W

Product code	GX405W35 (3.5m), GX405W5 (5m), GX405WS6* (6m), GX405WS8* (8m) *WS models 6m/8m delivered without a wire liner
Load capacity, Ar + CO2 (100%)	400 A (3.5m and 5m models) 300 A (6m and 8m WS models)
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6 (3.5m and 5m models) 1.0–1.6 (6m and 8m WS models)
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 505W

Product code	GX505W35 (3.5m), GX505W5 (5m)
Load capacity, Ar + CO2 (100%)	500 A
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

GX 605W

Product code	GX605W5 (5m)
Load capacity, Ar + CO2 (35%)	600 A (40%)
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	1.2–2.4
Type of connection	Euro
LED option	No
GXR10 Gun Remote	Yes

SERIES 8 WELDING GUNS

GX 208GMN

Product code	GX208GMN35 (3.5m), GX208GMN5 (5m)
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	Yes
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2
Type of connection	Kemppi
LED option	Yes
Load capacity, Ar + CO2 (60%)	200 A

GX 308GMN

Product code	GX308GMN35 (3.5m), GX308GMN5 (5m)
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	Yes
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.2
Type of connection	Kemppi
LED option	Yes
Load capacity, Ar + CO2 (60%)	300 A

GX 408GMN

Product code	GX408GMN35 (3.5m), GX408GMN5 (5m)
Changeable neck	Yes
Rotating neck	Yes
Pistol grip handle	Yes
Type of cooling	Gas
Remote control	Yes
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Kemppi
LED option	Yes
Load capacity, Ar + CO2 (60%)	400 A

GX 428W

Product code	GX428W35 (3.5m), GX428W5 (5m), GX428WS8* (8m) *WS model 8m delivered without a wire liner
Load capacity, Ar + CO2 (100%)	420 A (3.5m and 5m models) 300 A (8m WS model)
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Remote control	Yes
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6 (3.5m and 5m models) 1.2–1.6 (8m WS model)
Type of connection	Kemppi
LED option	Yes (3.5m and 5m models) No (8m WS model)

GX 528W

Product code	GX528W35 (3.5m), GX528W5 (5m)
Load capacity, Ar + CO2 (100%)	520 A
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Remote control	Yes
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8–1.6
Type of connection	Kemppi
LED option	Yes

GX 608W

Product code	GX608W5 (5m)
Load capacity, Ar + CO2 (35%)	600 A (40%)
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Type of cooling	Water
Remote control	Yes
Welding process	MIG/MAG
Contact tip	M10x1
Type of connection	Kemppi
LED option	Yes

ACCESSORIES

GXR10

Description	Gun Remote
Product code	GXR10

Pistol grip handle for Flexlite GX guns

Product code	SP0118020

Contact tips Kemppi LIFE+

Product code	CT10C1SD001 - CONTACT TIP 1.0 C1 STD M10 CT12C1SD001 - CONTACT TIP 1.2 C1 STD M10 CT10C1SD003 - CONTACT TIP 1.0 C1 STD M6

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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.

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