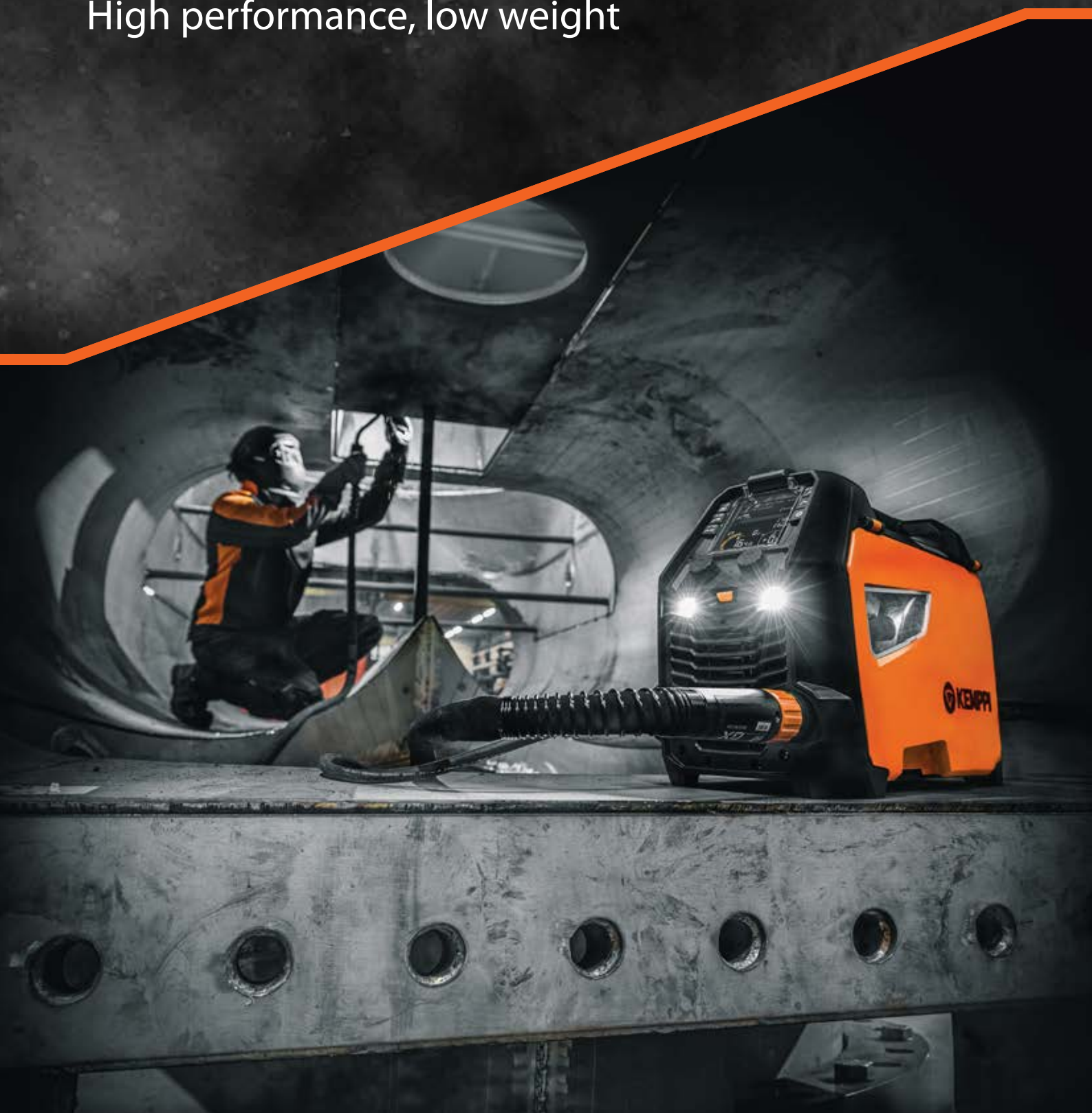


# MASTER M 323

High performance, low weight



# Master M 323 is a powerful lightweight welding machine for big jobs anywhere on site.

With 320 amps of welding power at a 40% duty cycle, the **Master M 323** is perfect for high-performance industrial welding. If you're working in tight spaces, the 7" LCD screen is bright and easy to read, while self-charging LED lights can be turned on to improve safety. They work with or without mains power.

**Master M 323** is easy to use. It comes with Weld Assist, which offers automatic parameter settings that help you start welding quickly. It's a simple solution that welders can also use with minimal experience. Just select the material thickness, joint type, welding position, and start welding. In addition, **Master M 323** comes with 28 factory-installed MIG/MAG welding programs for Fe, Ss, AlMg5, AlSi5, CuSi3, CuAl8, and FC-CrNiMo filler materials.

- Premium MIG/MAG performance, plus DC TIG and MMA process options as standard
- MAX Cool arc welding process as a standard
- Can be connected to either 3ph 220-230 or 380-460V power supplies
- Weight without accessories only 18,5 kg





## MASTER M 323 VALUE FEATURES



### EXPERIENCE PORTABLE POWER

with 320 amps and 40%  
duty cycle.



### HIGH-QUALITY WELDING RESULTS

with wide ranging  
materials and  
thicknesses.

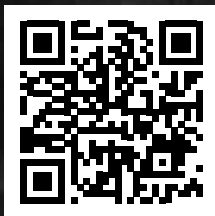


### INTUITIVE USER INTERFACE

including Weld-Assist,  
supporting welders in  
all situations.

# Technical specifications

FEATURE		MASTER M 323 GM
Mains connection voltage 3~ 50/60 Hz		220 - 230 V $\pm$ 10 % 380 - 460 V $\pm$ 10 %
Output at +40 °C	40% [380 - 460 V] 40% [220 - 230 V]	320 A (MMA 300 A) 280 A (MMA 255 A)
	60% [380 - 460 V] 60% [220 - 230 V]	250 A (MMA 220 A) 230 A (MMA 205 A)
	100% [380 - 460 V] 100% [220 - 230 V]	200 A (MMA 175 A) 175 A (MMA 150 A)
Welding current and voltage range	MIG [380 - 460 V] MIG [220 - 230 V]	15 A/10 V...320 A/34 V 15 A/10 V...280 A/32 V
	MMA [380 - 460 V] MMA [220 - 230 V]	15 A/10 V...300 A/34 V 15 A/10 V...255 A/33 V
	TIG [380 - 460 V] TIG [220 - 230 V]	15 A/1 V...320 A/34 V 15 A/1 V...280 A/33 V
Gun connection		Euro
Wire feed mechanism		2-roll, single-motor
Diameter of feed rolls		32 mm
Filler wires	Fe	0.8 - 1.0 mm
	Ss	0.8 - 1.0 mm
	Mc/Fc	1.2 mm
	Al	0.8 - 1.2 mm
Fuse	Slow type	16 / 32 A
Wire feed speed		0,7...25 m/min
Wire spool weight (max)		5 kg
Wire spool diameter (max)		200 mm
Shielding gas pressure (max)		0.5 Mpa
Operating temperature range		-20...+40 °C
Storage temperature range		-40...+60 °C
EMC class		A
Degree of protection		IP23S
External dimensions	LxWxH	520 x 250 x 379 mm
Weight without accessories		18,5 kg
Rated power at max current		13 kVA
Recommended generator power (min)	400V	20 kVA
Standards		IEC 60974-1, -10



**SCAN TO LEARN MORE**  
of the benefits, features,  
product codes and options.  
**Check the videos!**

