

MIG/MAG

ewm[®]
WE ARE WELDING

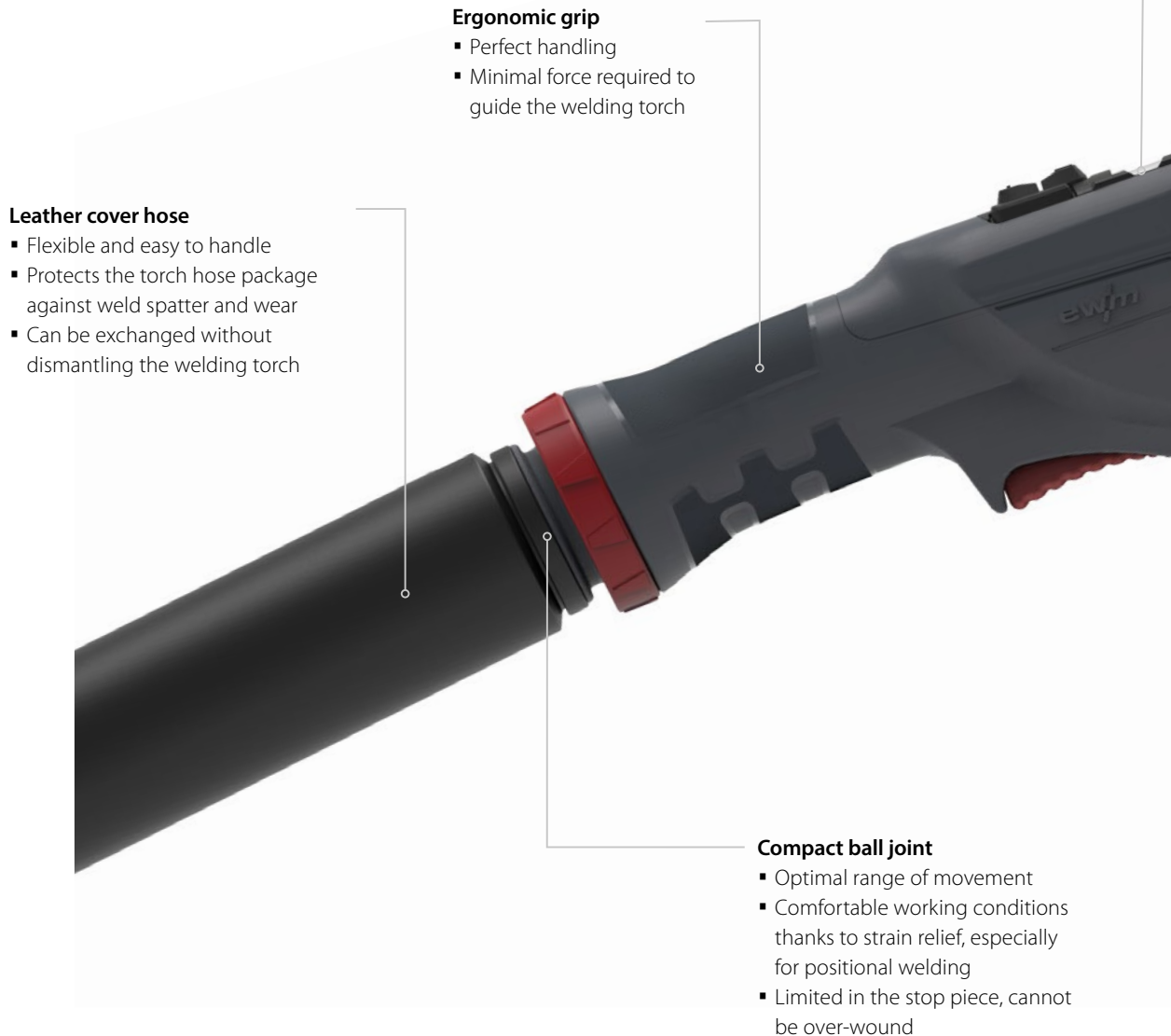
WELDING FUME EXTRACTION TORCHES

PROTECT YOUR HEALTH WITH EWM



PM WELDING FUME EXTRACTION TORCH.

More convenient to work with, increased safety and consistently high-quality weld seams – fume extraction torches from EWM provide effective protection for your workstation. They ensure a pleasant working environment by immediately filtering harmful substances from the air during welding and ensuring the quality of your welding results. Our PM fume extraction torches fulfil the strict quality and safety standards of the BS EN ISO 21904 standard and reliably protect your health.



Ergonomic grip

- Perfect handling
- Minimal force required to guide the welding torch

Leather cover hose

- Flexible and easy to handle
- Protects the torch hose package against weld spatter and wear
- Can be exchanged without dismantling the welding torch

Compact ball joint

- Optimal range of movement
- Comfortable working conditions thanks to strain relief, especially for positional welding
- Limited in the stop piece, cannot be over-wound

YOUR BENEFITS +

- Direct extraction of harmful substances guarantees increased health protection
- Available in various control variants
- Perfect handling thanks to ball joint
- Optional ergonomic pistol grip makes working easy on the joints
- Integrated wear part magazine for storing consumables and torch keys (with installation of the optional pistol grip)

Control variants



Standard



RD2 X



2U/D X



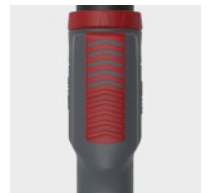
RD3 X

Controls ex works:

Options for retrofitting:



Torch trigger at the top



Bypass-Schieber



Extraction nozzle

- Maximum accessibility to a wide range of components

LED-lighting

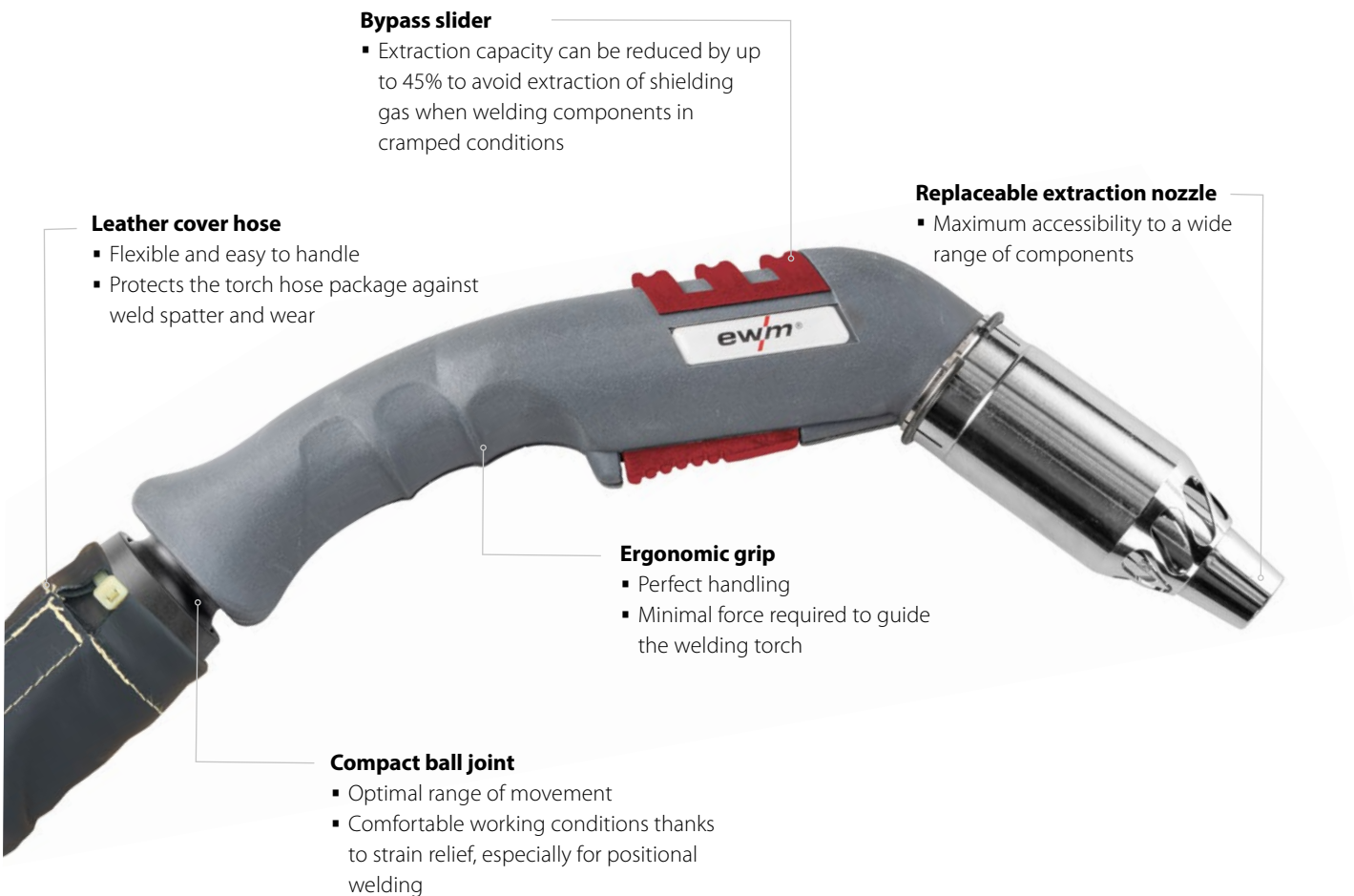
- in conjunction with the corresponding control unit



Pistol grip with magazine for storing torch key and two contact tips.

WELDING FUME EXTRACTION TORCH.

Our fume extraction torches extract harmful emissions and toxic gases where they arise: right at the arc. And they do so without affecting the weld seam's shielding gas coverage. The bypass slider, which also facilitates positional welding thanks to its adjustment options, ensures that they are maintained. Thanks to the well-balanced design and a compact ball joint, the torch is comfortable to handle.



YOUR BENEFITS +

- Direct extraction of harmful substances guarantees increased health protection
- Maximum accessibility to a wide range of components thanks to replaceable extraction nozzles (conical, cylindrical)
- Perfect handling thanks to ball joint
- Ergonomic handle reduces strain on joints



WELDING FUME EXTRACTION TORCH KIT.

Do you already have a MIG/MAG welding torch from the MT or PM series? Our kit makes it quick and easy to retrofit your torch and transform it into a welding fume extraction torch. This gives you a host of benefits that protect your health and make your workplace even safer. Harmful substances are extracted directly in the weld seam area before they have a chance to spread.



YOUR BENEFITS +

- Can be combined with any EWM PM and MT welding torch
- Quick and easy (dis)assembly
- Assembly tool is included in the supply package
- Attractively priced option for retrofitting existing workstations
- The LED lighting of the PM welding torch remains fully intact because the extractor nozzle can be turned to the side as required



EXTRACTION SYSTEM

EWM XQvac

The EWM XQvac high-vacuum extraction system with cleanable filter is specially designed to ensure an efficient and clean working environment. It enables pollutants to be extracted at the point of origin, minimising the spread of harmful particles in the air. EWM fume extraction torches can also be connected directly.

Applications:

- Extraction of large volumes of fumes/dust
- Continuous use in industry and trade
- Mobile in use when changing work sites thanks to its compact design with large bow handle and convenient wheels (two guide castors)



YOUR BENEFITS +

- Integrated EWM automatic start/stop mechanism saves time and conserves energy:
 - For all EWM MIG/MAG welding machines with 7-pole system bus connection
 - Extraction starts automatically upon gas pre-flow before the arc is ignited, and extraction switches off automatically following gas post-flow
- Continuously variable extraction power pre-selection
- Optimal adaptation of the flow rate to the welding process thanks to continuously variable extraction power control
- Extraction power control for a constant flow rate, even with increasing filter saturation (optional)
- Convenient one-knob operation, even while wearing gloves



EWM automatic start/stop mechanism – required accessories

Digital 7-pole cable

- Mandatory for automatic start/stop mechanism for welding machines with a 7-pole system bus connection

RMT WELDING FUME EXTRACTION-KIT

High-quality fume extraction torches are also essential for automated welding processes so you can work in a safe environment. Our RMT welding fume extraction kit is compatible with all RMT robot welding torches and enables the pollutants to be extracted directly at the point of origin without straining the entire robot cell. Suitable for high-vacuum extraction systems and centralised hall extraction systems, the kit can be easily attached and removed thanks to the included assembly tool.



YOUR BENEFITS +

- Minimal contamination of the welding cell
- Maximum utilisation of the work area reduces the required extraction capacity
- Saves expensive, time-consuming extraction of an entire robot cell where there are large components and long processes
- Suitable for all industrial robotics solutions
- Can be retrofit to existing workstations at low cost
- +/- 180° rotatable extractor nozzle for optimal accessibility (alternatively, the extractor nozzle can be secured axially)
- Replaceable extraction nozzle



WE ARE WELDING

We're happy to help: sales@ewm-group.com

EWM is your partner for the best welding technology. With EWM, you'll weld more efficiently, more reliably and produce higher-quality results. EWM's innovative systems, high-performance welding procedures, digital technologies and services as well as expert consultation all support you in achieving perfect results from your welding tasks.



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