

Product overview

New products 2017



3 Years // **5 Years**
transformer
and rectifier
ewm-warranty*
3 shifts / 24 hours / 7 days

*For details visit www.ewm-group.com

Allow us to introduce: Titan XQ Welding 4.0 – the future of welding

Conquer the new dimension - welcome to the world of welding 4.0 by EWM.

The future of professional welding is networked, digital and paperless. These are the challenges of "Industry 4.0" and every company must face these sooner or later. The EWM group delivers welding companies the ideal solution

with the new Titan XQ multiprocess MIG/MAG welding machine and the Welding 4.0 welding management system ewm Xnet first-class future-proofability, for even more efficient, qualitative-certifiable welding.

All innovative welding procedures and characteristics are included in the purchase price of the welding machine.

Welding consistently at the highest levels of quality and efficiency, as all innovative welding processes from EWM are available as standard

all in

Display WPS and welding data via mobile device – one view tells you everything

Easy parameter control directly in the welder's workplace thanks to availability of all current welding data

Welding 4.0 –
ewm Xnet welding management system



Titan XQ

Create paperless WPS – assign WPS to component parts and welders

Efficiently create WPS and conveniently assign from the office according to quality assurance

ewm		Schweißanweisung (WPS)		WPS Nr.	Datum	Seite 1 - 1
				278		
				Barcode		
Hersteller	EWAG AG	Schweißrost		Querschnitt		
Druck	Version 1	Schweißdraht		entsprechend der Schweißanweisung		
Art	WPS	Art der Vorbereitung und Feinigung		Platte		
WPS-Nr.	278	Bearbeitung der WPS		WPS		
Profil oder Produkt	278	Spezifikation Grundmaterial 1		S 355 JR		
		Spezifikation Grundmaterial 2		S 355 JR		
		Verstärker 1 [mm]		20		
		Verstärker 2 [mm]		20		
		Außendurchmesser [mm]		20		
		Schweißposition		20		
		Baujahr/Modell		20		
				Druck / Druck		
Schweißverfahren		Schweißlage				

Component management for efficient manufacturing – step-by-step to perfection

Minimised risk of welding defects thanks to convenient and component-based allocation of WPS for each individual run/seam



Drive 4X IC D200 for 5 kg wire spools

Your sturdy companion for tough applications

The perfect companion for when things get tough. Thanks to the especially robust casing, you can use the Drive 4X IC D200 without problems even in the most challenging conditions.

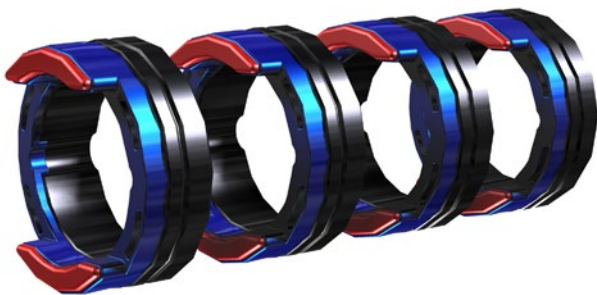


- / Very robust casing
- / Specially developed for use in harsh environments, e.g. shipyards and construction sites
- / D200 spool
- / Small, lightweight, compact
- / Easy accessibility for roll change
- / Interior lighting
- / 4-roll eFeed drive
- / Captive roll fastener
- / **Available in three variants:**
 - / Drive 4 IC HP/LP compatible with alpha Q, Phoenix and Taurus Synergic S
 - / Drive 4 IC Basic compatible with Taurus Basic

UNI rolls for two wire diameters

Saves you exchanging rolls

Two in one – no need to exchange rolls when you change the wire rolls. The UNI rolls for the eFeed drive are designed to be used safely with rolls of two different diameters.



- / All EWM welding machines and wire feeders with eFeed drives are factory-fitted with UNI rolls for steel and stainless steel
- / Two versions are available: diameter 0.8 + 1.0 mm and diameter 1.0 + 1.2 mm
- / The coloured marking prevents the rolls being accidentally mixed up
- / Suitable for all welding machines and wire feeders with eFeed drive

Taurus 400 + drive 4L Basic

Mobile MIG/MAG power for the toughest tasks

It just keeps going where others would give up – **in dust and dirt, heat or cold, rain or snow.**

The Taurus 400 Basic has been developed and built for use under the toughest conditions. The separate wire feeder and the innovative inverter technology provide you with full MIG/MAG power at 400 A on any construction site.



- / Mixed gas or CO2 characteristics – simply press button to change over
- / MMA: electrodes up to 6 mm diameter
- / Hot start and Arcforce function
- / Infinitely adjustable: welding current and arc dynamics – hard to soft
- / Digital display
- / Optional dust filter

UM welding torches

Robust welding torches for daily use

The gas and water cooled welding torches in the UM welding torch series provide maximum work comfort and excellent characteristics for daily use.



- / Robust, ergonomic grip
- / Safe, precise operation thanks to rubber inserts and a ball joint on the grip
- / Time-tested consumable concept – standard M6 and M8 threads
- / Consumables compatible with many commercially available welding torches
- / Seven different performance classes:
 - / **UM 15 G:** 150 A (M21) / **UM 240 W:** 270 A (M21)
 - / **UM 25 G:** 200 A (M21) / **UM 401 W:** 350 A (M21)
 - / **UM 24 G:** 220 A (M21) / **UM 501 W:** 450 A (M21)
 - / **UM 36 G:** 270 A (M21)

Tetrix 230/300 Smart 2.0 puls

The ideal solution for every application

Whether in the food or chemicals industry, in pipe construction, mechanical engineering or metalworking – the new, mobile Tetrix generation is as equally at home in industry as it is in trade. Thanks to its modular casing design it can be operated as both a water and a gas cooled machine, enabling it to meet the requirements of any application.

Available in two performance classes – DC and AC/DC.



Tetrix 230 DC Smart 2.0 puls 3–230 A

Tetrix 300 DC Smart 2.0 puls 5–300 A

- / TIG DC welding (with and without HF)
- / activArc and spotArc
- / TIG average value pulsing
- / Adjustable pulse frequency and balance
- / Spot welding/tack function (spotArc/spotmatic)
- / MMA welding
- / MMA average value pulsing
- / Antistick



Tetrix 230 AC/DC Smart 2.0 puls 3–230 A

Tetrix 300 AC/DC Smart 2.0 puls 5–300 A

- / TIG AC/DC welding (with and without HF)
- / activArc and spotArc
- / TIG average value pulsing
- / Adjustable pulse frequency and balance
- / Spot welding/tack function (spotArc/spotmatic)
- / MMA welding
- / MMA average value pulsing
- / Antistick
- / Adjustable AC waveform, sine, trapezoidal, square current
- / Adjustable AC frequency between 50 Hz and 200 Hz
- / Adjustable AC balance



Maximum ease-of-operation

- / Intuitive operation using click wheel and intelligent up/down menu. Welding sequence parameters set with LED user guidance
- / Optimum control and simplified documentation thanks to two displays
- / Function display with simple symbol indicators
- / ewm Xnet welding management system (only Tetrix 300)

TIG Little welding torch

Comfortable welding in confined spaces

We finally have them – the TIG 150/TIG 260 and TIG-SR 20 welding torches are now also available in the popular Little Grip size.

Welding in confined spaces is no longer a problem thanks to the especially compact design.



- / Very compact design for welding tasks in hard-to-reach places
- / Excellent HF safety
- / Light and flexible hose packages
- / Ergonomic GRIP handle for a secure grip
- / Standard version has double push-button or up/down control

New cold/hot wire welding torches

Optimally tuned to the EWM tigSpeed system

The TIG 260, TIG-SR 18 and our comfyTIG welding torches have been added to our cold/hot wire welding torch range.



- / Excellent HF safety
- / Light and flexible hose packages
- / Ergonomic GRIP handle for a secure grip (except comfyTig)
- / **TIG-SR 18 and comfyTig** compatible with welding torches in the SR series
- / **TIG 260** maximum accessibility in cramped spaces thanks to its compact construction
- / **TIG 260** factory-equipped with multi-layer gas diffuser – guarantees optimum shielding gas coverage
- **TIG 260 and TIG-SR 18 series available in four variants:**
Available as cold or hot wire welding torches with built-in wire feeding and with external wire feeding
- **comfyTig available in two variants:**
Cold or hot wire welding torches with built-in wire feeding

Pico 160 cel puls and Pico 160

Highly effective welding – wherever needed

Small, light, robust and versatile – the perfect description of our Pico 160. This compact inverter power source is your ideal companion for construction sites and assembly work.

It's your choice: choose between the standard and the pulse variant.



Pico 160 cel puls
5–160 A

- / MMA and TIG lift arc welding
- / Cellulose electrodes: 100% safe for vertical-down welding
- / Welding of stick electrodes up to 4 mm
- / MMA pulsed welding
- / Pulsed TIG welding with up to 2 kHz
- / Arcforce, hot start, antistick



Pico 160
5–160 A

- / MMA and TIG lift arc welding
- / Welding of stick electrodes up to 4 mm
- / Antistick



ewm Xnet welding management system

A step towards more efficient welding technology that saves resources

Intelligent and productivity-boosting networking of man and machine for an automatic flow of data in the production chain: Industry 4.0 is now becoming established in welding production thanks to the new and innovative ewm Xnet Welding 4.0 welding management system.

The advantages are obvious: the improved networking of products and people increases efficiency and quality, reduces costs and saves resources at the same time. Intelligent monitoring and transparent processes, from planning and production through to the final costing of weld seams, allow you to maintain an overview at all times.

Bring the future into your company today.



- / Recording of welding data
- / Save, review and analyse at a central point
- / Online monitoring – control and monitor the welding process for any number of welding machines
- / Analysis, evaluation, reporting and documentation of welding parameters recorded online
- / Option of transferring to all welding machines in the network
- / Convenient, easy-to-create graphical layout of all network participants

Xnet modules and components

- **Starter set**
Record and manage welding data and transmit consumption values in real time
- **WPQ-X Manager**
Create, manage and assign welding procedure specifications to welders yourself
- **Xnet component management**
Manage components, create welding sequence plans, assign WPS
- **Xbutton**
Access authorisation and WPS assignment for welders via the robust hardware key

Order information material now or simply get in touch with us.
We will be happy to advise you!

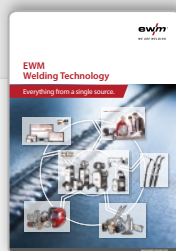
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Brochure
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and technology consulting



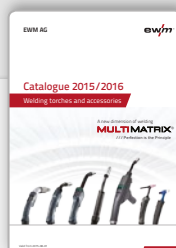
Brochure
Product range, services



Brochure
Titan XQ puls



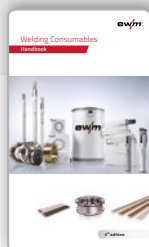
Catalogue
Welding machines and accessories



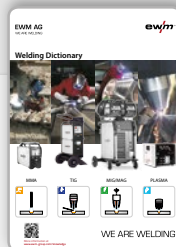
Catalogue
Welding torches and accessories



Catalogue
Welding accessories



Handbook
Welding consumables



Handbook
EWM welding dictionary

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