MTec

·INNOVATION WORKING FOR YOU·



TurnXpert – the versatile welding turntable for the highest demands!

Whether digital high-tech solution, robust all-rounder or flexible analogue model – the TurnXpert is the answer to your welding and automation requirements!

Compact, powerful and extremely versatile: in addition to welding work, the TurnXpert is perfect for grinding, drilling, polishing and more. Thanks to its lightweight design (only 25 Kg), it can be used on the move – even for demanding robotics applications.

Innovation in welding technology & automation – our three models at a glance

TurnXpert – All in One



TurnXpert – Division



TurnXpert – Basic



Your advantages at a glance:

- **Innovative welding turntable:** digital or analogue control, high precision, suitable for MIG / MAG, TIG, plasma cutting, electrode and laser welding.
- **Intuitive operation:** touchscreen, rotary knob with touch function or with a membrane keypad as well as visible start / stop and emergency stop buttons.
- **Powerful & flexible:** loadable up to 400A, operation via battery or stationary via mains connection, mobile with 25 Kg weight.
- **Versatile mounting options:** adaptable to perforated and welding tables (system 16/22/28), compatible with various fixtures.
- **Full automation & networking:** EtherCAT technology for synchronization with multiple devices.
- **Advanced welding programs:** Various cycle modes, memory function, overlap function for precise results.
- **Smart interfaces & automation:** control of robotics, storable programs, analogue & digital inputs / outputs.
- **Connectivity:** USB & RJ45 interfaces, controllable valves for forming gas / compressed air, optional rotary feed-through, optional foot pedal analogue or digital
- **Safety & comfort:** Torque control, home position function, precise positioning options.
- **Master-slave-operation:** no external software or control cabinet required, hybrid cable technology for data and power.
- **Expandability:** Additional axes (e.g. linear axes) for automation tasks in master-slave operation.
- **Payload:** up to 150 Kg



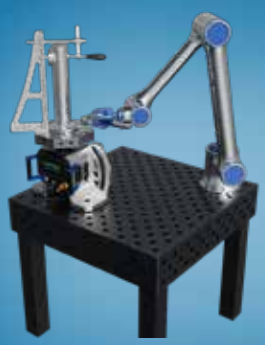




Product specifications

TurnXpert – All in One / TurnXpert – Division / TurnXpert – Basic

	All In One	Division	Basic
Weight	25 Kg	23 Kg	20 Kg
Compatibility	yes	yes	yes
I / O interface	optional	optional	no
Robot integration	optional	optional	no
Touch display	yes	yes	no
Battery operation	optional	optional	optional
Networking / Master-Slave	optional	optional	no
Teach mode	yes	yes	yes
Position mode	yes	yes	yes
Payload	up to 150 Kg	up to 150 Kg	up to 150 Kg
Rotary union	optional	optional	optional
Hollow shaft	no	optional	no








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Important note

Please observe the relevant safety features for using the welding turntable and the information in the operating instructions. Your specialist advisor can also provide you with extensive information and further details.

Errors, typesetting and printing errors excepted. The technical data and potential savings are approximate values. We reserve the right to make changes to the design and equipment, as AK Industry machines are subject to continuous further development. All illustrations are non-binding.