



Cordless Portable Valve Actuators

torcbraintm cordless portable valve actuators were designed to exceed the industry requirements for a mobile, reliable and accurate valve actuation tool.

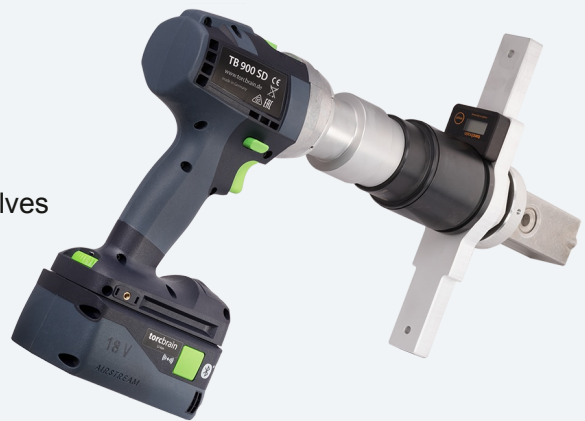
A range of application-engineered accessories allows the tool to be used safely by a single operator on a number of different types of handwheels and applications.

Increased mobility

- Low weight due to the use of Li-Ion batteries and the elimination of electric cables or air supply hoses
- Drive unit can be swivelled, ideal for hard to reach valves
- Comfortable operation and excellent ergonomics

Higher productivity

- Flexible and mobile due to cordless drive system
- Lightweight, fast, accurate and reliable
- Max. valve protection with adjustable torque control (4 speed gearbox with 44 torque settings) and up to 950 Nm
- Safe operation, auto shut-off once selected torque is reached
- Fingertip controls on, off, forward - reverse
- Easy one man setup and operation - no operating tools required
- Tool design allows for good operator-feedback on the valve, allowing repetitive back and forth motion required for proper valve cleaning
- Maintenance free, brushless EC-motor
- Made in Germany



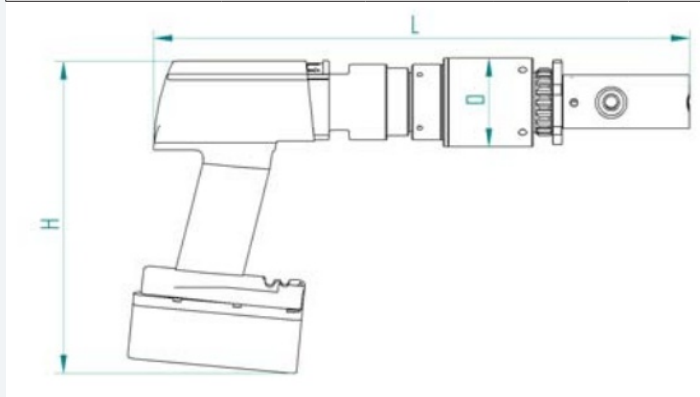
Efficient and cost effective

torcbraintm portable cordless valve actuators are an efficient and cost effective alternative to a dedicated valve actuator. Wherever there are manually operated valves that have high operating torques, hundreds of handwheel turns to open/close or are just difficult to operate then here is your solution.



Model	Max Torque Nm	No of Torque Settings	Max speed rpm	Dimension L = mm	Dimension D = mm	Dimension H = mm	Weight kg incl. battery
EIT-TB300 SD	400 Nm	44	140	365	58	250	4.0
EIT-TB900 SD	950 Nm	44	52	400	68	250	5.7
EIT-TB300 SD RC	400 Nm	44	140	365	58	250	4.0
EIT-TB900 SD RC	900 Nm	44	52	400	68	250	5.7

Models ending with "RC" include an integrated Revolution Counter.



torcbrain® cordless valve actuators

torcbrain® cordless valve actuators can be used where valve size, pressure rating or work environmental conditions would normally demand a permanent dedicated actuator or would require a work crew.

- Low cost alternative to permanent dedicated actuators
- No requirement for a permanent power supply
- Ideal for minimum facilities installations
- Wide band torque capability with variable torque adjustment
- Ideal for moving tight or partially-seized valves
- Adaptable to most sizes/types of valve
- Eliminates operator fatigue and greatly reduces the risk of injury
- Reduces work crew tasks to one-man operation

44 different torque settings

Each tool offers 44 different torque settings available through the high quality 4 speed mechanical gearbox and 11 available torque settings. Once the selected torque is achieved, an acoustic signal is given and the tool automatically shuts off. No clutch, no ratcheting, no variances.

torcbrain® Cordless Torque Wrenches in a set

All torcbrain® Cordless Valve actuators wrenches come fully calibrated and complete with:

- Torque Reaction arm
- Two 18V 5,2 Ah Li-Ion batteries
- Battery charger
- Operating manual
- Sturdy plastic transport box

System Accessories:

Telescopic Drive Extensions

The Vario-telescope is completely made of stainless steel and allows the ergonomic height adjustment of the drive to the position of the operator and is ideal for operating valves in pits etc.

The integrated quick-change system allows the height adjustment and the change of valve head or socket drive adaptors with one hand and without any tools required. Available for both tools with a max. torque range of 400 or 950Nm, and in 3 different lengths, 800-1400, 1200-1900 and 1400-2600mm.



Torque Reaction Arms - Side Handles

The torque reaction arms can be fitted to the tool to take up the torque transmitted from the tool to the valve. The torque reaction arm for the Model TB300SD is made from lightweight Aluminium, 1 x arm is suitable for the torque transmitted.

The torque reaction arms for the Model TB900SD are made from stainless steel and 2 x arms are required to take up the much higher torque for this model. The side handles can be fitted easily and quickly to the tool when required and removed for tool storage.



Hand wheel adaptor (hara300sys, hara900sys)

Allows the operation of handwheels (not rising). The quick-change driving pins can be changed for 3/5 spoked handwheels with just one hand and without additional tools (diameter adapter: 150mm).



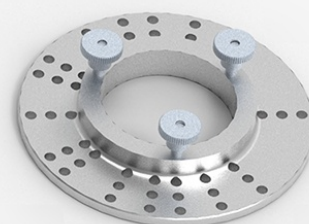
Hand wheel adaptor for rising spindles (hara900Lxxx, hara300Lxxx)

Allows the use on handwheels with rising spindles. The quick-change driving pins can be changed for 3/5 spoked handwheels with just one hand and without additional tools (diameter adapter: 150mm).



Extension for hand wheels with large diameter (hara250)

Increases the diameter of the standard handwheel adaptor (D150mm) to 250mm. This extension can be used with rising and non-rising spindles. The quick-change driving pins can be repositioned for 3/4/5 spoked handwheels with just one hand and without additional tools. The extension is plugged onto the standard handwheel adaptor and fixed with knurled screws.



System Accessories:



Revolution Counter (zaehler300bikplt) (zaehler900bikplt)

Allows the monitoring and recoring of the number of revolutions, using a contactless module. Ideal for valves where a high number of revolutions are required and ideal for exercising valves accurately.



12V Inverter (MI5300)

This mains inverter is perfect when you're where a standard mains outlet isn't available.

Simply plug it into the 12V socket in your car and plug in the battery charger to the mains socket on the inverter.



Twin Charging Station (Tgl-duo)

The DUO rapid charger charges two battery packs at the same time - saving time on work sites, in workshops and in vehicles.

The separate LED indicators for charging progress on the two charging spaces indicate the current charge status of each battery pack at any time.

System Sockets and Adaptors:

1. Square Drive Adaptors, to convert tool to 3/4" square output drive, allows the use of standard sockets or existing tooling



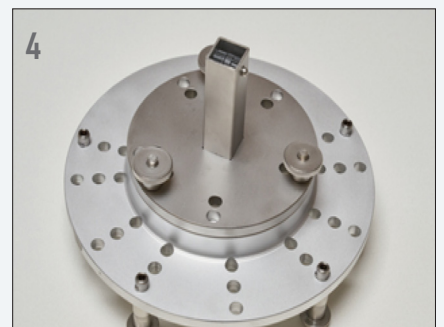
2. Conical Adaptors to fit valve stems, models to fit sizes from 27-54mm



3. Universal Joint Adaptor to access difficult to reach valve stems or handwheels



4. Handwheel Adaptors to suit handwheels with 3, 4 or 5 spokes, for rising or non-rising spindles



Part numbers - Tools

Model	Description	Torque Range	Price RRP excl. GST
EIT-TB300 SD	Cordless Valve Actuator	400 Nm	
EIT-TB900 SD	Cordless Valve Actuator	950 Nm	
EIT-TB300 SD RC	Cordless Valve Actuator with Revolution Counter	400 Nm	
EIT-TB900 SD RC	Cordless Valve Actuator with Revolution Counter	950 Nm	
All tools supplied in sturdy plastic transport box, complete with charger and two batteries			

Part numbers - System Accessories

Model	Description	To suit tool Type	Price RRP excl. GST
Vario 300 Tele	Telescopic Drive Extension (800-1400mm) SS	EIT-TB300	
Vario 300 Tele 120	Telescopic Drive Extension (1200-1900mm) SS	EIT-TB300 <i>new</i>	
Vario 300 Tele 140	Telescopic Drive Extension (1400-2600mm) SS	EIT-TB300 <i>new</i>	
Vario 900 Tele	Telescopic Drive Extension (800-1400mm) SS	EIT-TB900	
Vario 900 Tele 120	Telescopic Drive Extension (1200-1900mm) SS	EIT-TB900 <i>new</i>	
Vario 900 Tele 140	Telescopic Drive Extension (1400-2600mm) SS	EIT-TB900 <i>new</i>	
Handle300	Side handle Aluminium (1 pc)	EIT-TB300	
Handle900	Side handle Stainless Steel (set of 2)	EIT-TB900	
Hara300sys	Hand Wheel Adaptor	EIT-TB300	
Hara300sysL650	Hand Wheel Adaptor for rising spindles	EIT-TB300	
Hara900Sys	Hand Wheel Adaptor	EIT-TB900	
Hara900sysL	Hand Wheel Adaptor for rising spindles	EIT-TB900 <i>new</i>	
Hara250	Adaptor for large handwheels	EIT-TB300/900	
KOS27/32-300	Conical Adaptor 27-32mm	EIT-TB300	
KOS27/32-900	Conical Adaptor 27-32mm	EIT-TB900	
KOS32/36-300	Conical Adaptor 32-36mm	EIT-TB300	
KOS32/36-900	Conical Adaptor 32-36mm	EIT-TB900	
KOS48/54-300	Conical Adaptor 48-54mm	EIT-TB300 <i>new</i>	
KOS48/54-900	Conical Adaptor 48-54mm	EIT-TB900 <i>new</i>	
RZ300-900	System Adaptor for TB300 Accessories	EIT-TB900 <i>new</i>	
RZ900-300	System Adaptor for TB900 Accessories	EIT-TB300 <i>new</i>	
Sys300-34M	Square Drive Adaptor 3/4"	EIT-TB300 <i>new</i>	
Sys900-34M	Square Drive Adaptor 3/4"	EIT-TB900 <i>new</i>	
Kardan300	Universal Joint Adaptor	EIT-TB300 <i>new</i>	
Kardan900	Universal Joint Adaptor	EIT-TB900 <i>new</i>	
300bikplt	Revolution Counter - Bi-Directional	EIT-TB300	
MI5300	Power Converter 12V - 150W	Chargers	
BP1852air	Battery 18V 5.2 Ah	all	
TBLG6	Charger 18V	all	
TGL-Duo	Twin Battery Charger 18V	all	
Prices are excl. GST, ex warehouse Cairns / Kuranda QLD, Australia, and subject to change without prior notice			