ValveTex – Low profile 90° Cordless Portable Valve Actuator

Engineered for rapid, controlled actuation of manual valves in confined spaces, underground valve boxes, and dense pipe racks—combining cordless mobility with low-profile 90-degree access and superior operator leverage.







Low-Profile 90° Drive Head:
Slips easily into narrow valve chambers, trenches, and low-overhead racks where straight inline tools cannot fit.

Ergonomic Waist-Height Operation:
Enables upright, natural posture when operating underground street valves and hydrants via telescopic drive extensions.

Built-In Torque Leverage:
Extended horizontal motor housing provides natural counter-leverage and integrates seamlessly with side handle support systems

Precision Torque & Speed Control:
Very accurate torque control and low speed protect aging valve stems, gearboxes, and handwheels from over-torquing.

Cordless Field Portability:
High-capacity lithium-ion battery power eliminates trailing pneumatic hoses or external power packs.

ValveTex – Engineered for Access, Leverage, and Control

Manual operation of stiff, high-turn, or corroded valves slows down maintenance schedules and increases the risk of operator strain. The 90° Angle-Head Portable Cordless Valve Actuator delivers controlled, repeatable rotational power exactly where space is tightest and ergonomics matter most.

Compact Right-Angle Geometry

Traditional inline or pistol-grip actuators require substantial unobstructed space directly behind the valve stem or handwheel. The perpendicular 90-degree drive head minimizes axial clearance requirements, allowing operators to engage valves mounted close to walls, bulkheads, floor grates, or adjacent pipelines

Natural Posture – Reduced operator Fatigue

When operating vertical stems—such as below-grade water mains or floor-level isolation valves—the angle-head design keeps the tool body horizontal at waist height. Operators stand comfortably off to the side of the valve axis rather than bending over or supporting heavy motor weight overhead.

Superior Torque Reaction Management

High-torque valve actuation generates significant rotational kickback. Instead of twisting directly against the operator's wrists, the 90-degree angle-head converts torque reaction into a predictable sideways force along the length of the motor housing. Operators can easily brace the tool against a nearby structural member or pair it with one or two dedicated side handles for increased reaction stability.

Universal Adaptor Compatibility

A quick-change square drive system supports a full range of field accessories:

- Handwheel Adapters with quick-lock drive pins for multi-spoke handwheels
- Conical Valve Key & Stem Adapters for square operating nuts and tapered stems
- Universal Joint Adaptors for access to difficult to reach areas
- Universal Impact Sockets for hex nuts and gearbox input shafts

Built for Demanding Field & Plant Environments

Water & Wastewater Utilities:
Rapid exercising of underground isolation valves, gate valves, sluice gates, and fire hydrants using telescopic valve keys—cutting valve-exercising program times while preventing crew back and shoulder injuries.

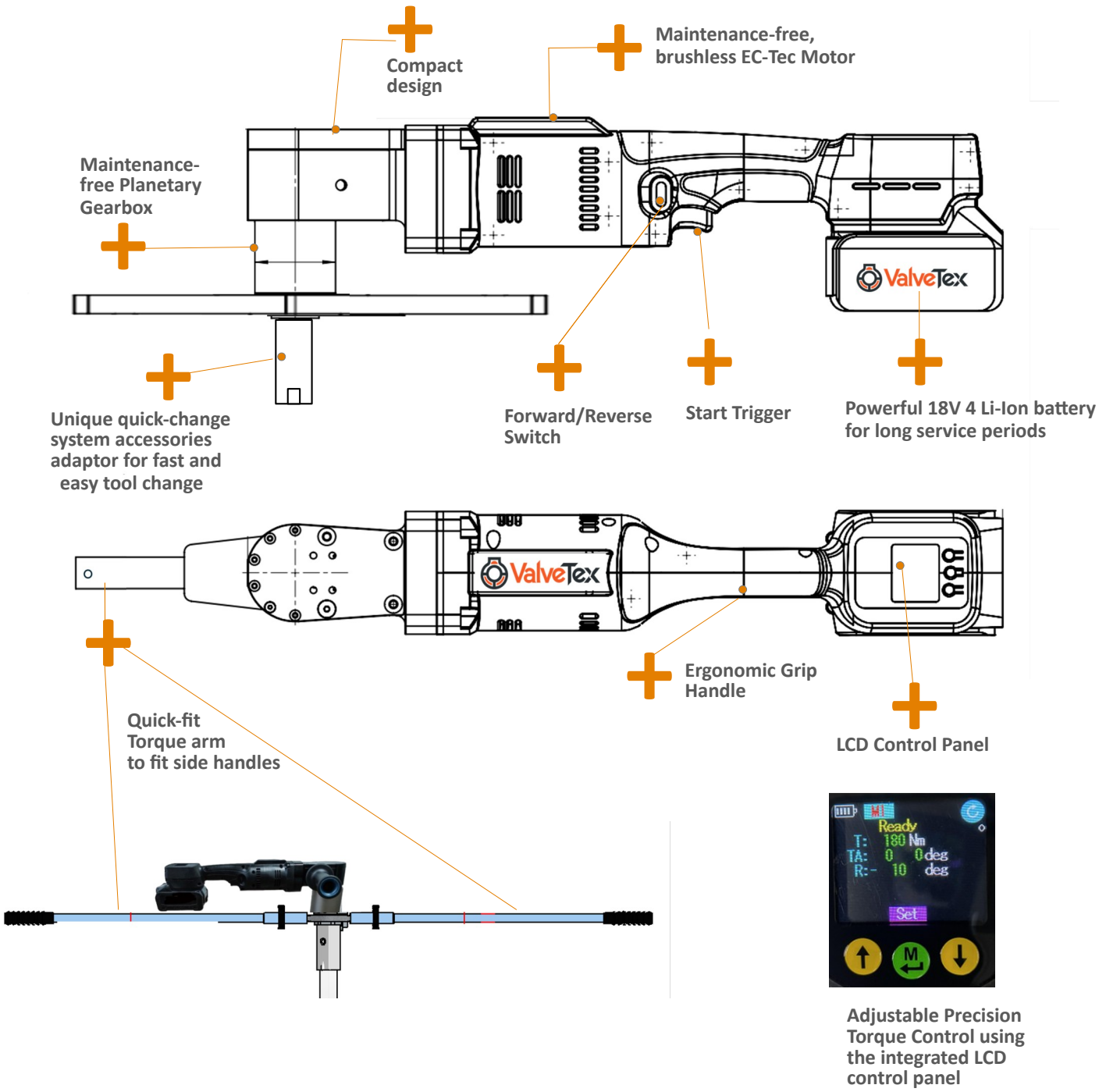
Oil, Gas & Petrochemical Plants:
Safe, spark-free cordless actuation of congested manifold valves, tank farm isolation valves, and under-deck piping where axial clearance is restricted.

Power Generation & Heavy Industry:
Reliable operation of high-turn cooling water valves, steam isolation valves, and gearbox-driven dampers during planned shutdowns and emergency maintenance.

Marine & Shipbuilding:
Compact right-angle access for ballast valves, bulkhead penetrations, and engine-room piping networks with tight overhead clearances.

ValveTex – System details

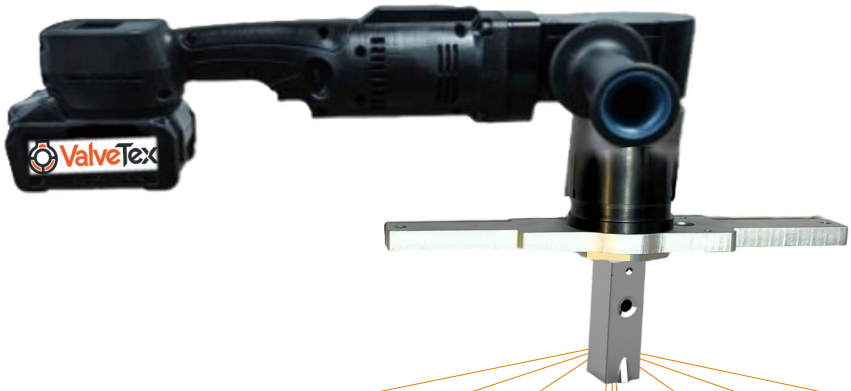
The 90° Angle-Head Portable Cordless Valve Actuator delivers controlled, repeatable rotational power exactly where space is tightest and ergonomics matter most.



Adjustable Precision Torque Control using the integrated LCD control panel

Overload Shut-Off: Electronic and mechanical torque limiting protects both the operator and delicate valve internals when encountering seized stems or end-of-travel stops.

ValveTex – A complete system solution





Adaptors for Handwheels



Extensions for large Handwheels



Adaptors for Handwheels with rising spindle



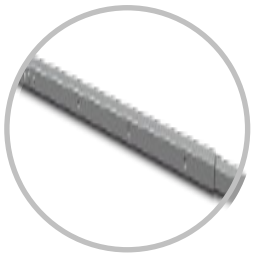
Conical Valve Stem Adaptors & Valve Key Adaptors



Universal Drive Adaptors for difficult to reach areas



Square Drive Adaptors to suit standard sockets



Telescopic Drive Extensions, 800mm —2400mm



Side support Handle



Fast charging 18V Li-Ion battery system

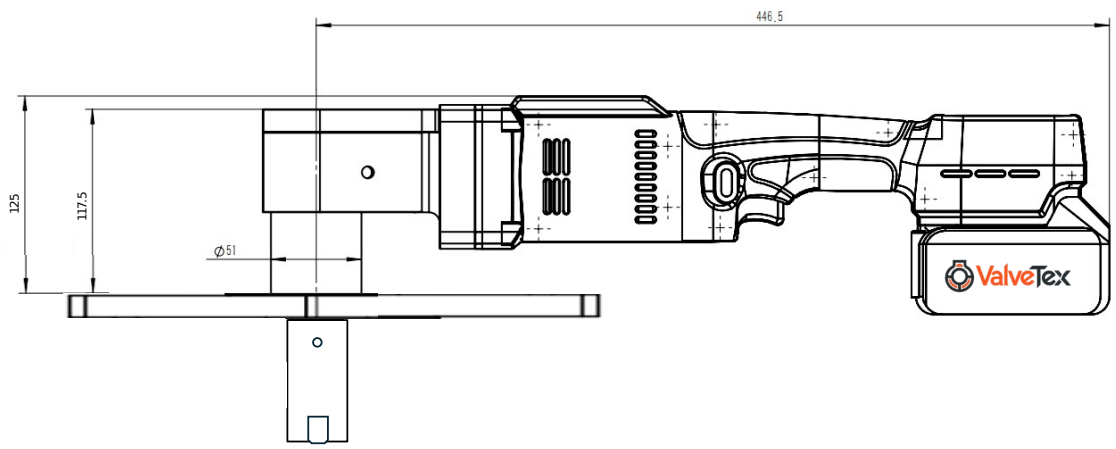
Sturdy tool storage & transport case



Portable Valve Actuator Tools

Model	Torque Range Nm	No. of Torque settings	Max. speed rpm	Length mm	Angle Head Dia. mm	Height mm	Weight incl battery kg
EIT-VTA120	20 – 120	Fully variable	32	475	58	130	3.2
EIT-VTA240	40 - 240	Fully variable	32	475	58	130	3.2
EIT-VTA360	60 - 360	Fully variable	32	475	58	130	3.2

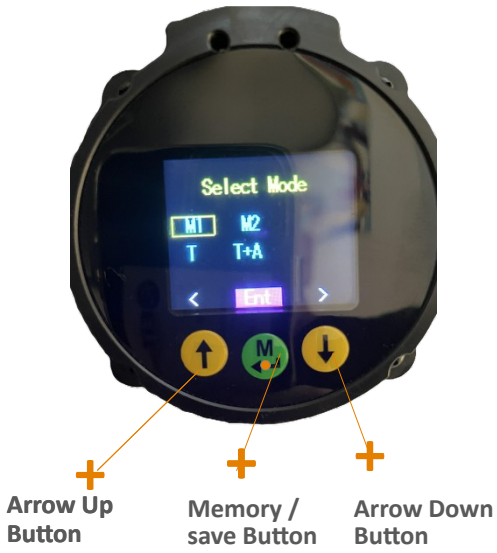
All tools are supplied with 1 x charger, 2 x 5.0Ah Batteries, and complete with a sturdy transport– & storage box.



ValveTex – Easy torque selection and control

Starting the tool / selecting the Torque method

- Briefly press the Trigger to activate the tool
- Select the operation Method Torque and rotations or Torque and Angle Method
- Press the Memory button and confirm then entered the desired torque value, torque angle and retraction angle
- Press M to confirm and start the operation
- Torque Accuracy +/- 2%



System Accessories / Telescopic Drive Extension

Side Handle - Torque Reaction Arm

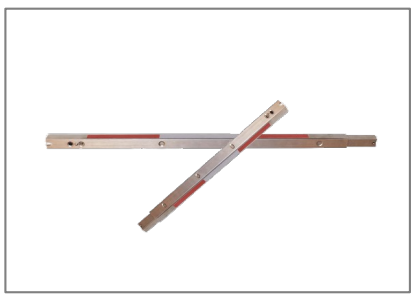
Torque reaction arms are attached to the tool to absorb the torque transferred from the tool to the valve. The side handles can be easily and quickly fitted to the tool when required and removed for tool storage. The torque reaction arm is constructed from lightweight Aluminium. One side handle is sufficient for torques up to 250 Nm, but for increased operator comfort two handles can be fitted to the tools.



Model	Description	Length mm	Material	Weight ea. kg
Handle 300	Torque Reaction arm - 1 pce	800	Aluminium	0.3

Telescopic Drive Extensions

The Vario-Tele, made entirely of stainless steel, enables ergonomic height adjustment of the drive to match the operators position, making it ideal for operating valves in pits, overhead, or a distance away from the operator.
The integrated quick-change system allows for height adjustment and swapping of handwheel– or conical drive adaptors with one hand, without needing any tools. Three different lengths of extensions are available. The length adjustments can be made in increments of 200mm.



Model	Description	Adjustable length mm	Material
Vario300Tele	Telescopic Drive Extensions	837 - 1437	Stainless Steel
Vario300Tele120		1137 -1937	
Vario300Tele140		1437 - 2637	

Universal Joint Adaptors

Universal Joint Adaptors are designed to allow easier access to hard to reach valves. They fit between the tool and the system adaptors or onto the end of the telescopic drive extension and the system adaptors.



Model	Description	Material
Kardan300	Universal Joint Adaptor	Stainless Steel

Conical Valve Stem Adaptors

Designed to operate the valve directly via the valve stem.



Model	Description	To suit stem dia. mm	Material
KOS17/19-300	Conical Adaptor	17-19	Stainless Steel
KOS19/22-300		19-22	
KOS24/27-300		24-27	
KOS27/32-300		27-32	
KOS32/36-300		32-36	
KOS40/50-300		40-50	
KOS48/54-300		48-54	

System Accessories / Operation of Handwheels

Handwheel Adaptor for Valves with Non-Rising Spindles

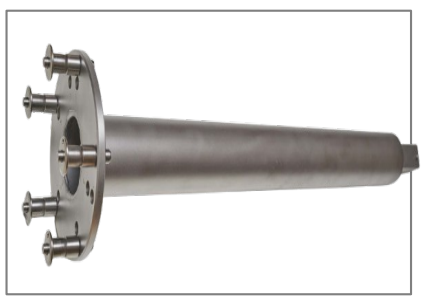
For the operation of valves with handwheels. The quick-change driving pins Dia 10mm can be adjusted with 1 hand, without requiring any tools. To suit hand wheels with 3, 4 and 5 spokes.



Model	Description	Dia mm	Material	Weight ea. kg
Hara300sys	Adaptor for 3, 4 & 5 spokes	150	Stainless Steel	1.5

Handwheel Adaptor for Valves with Rising spindles

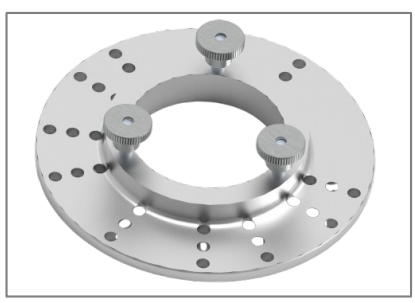
Enables the operation of handwheels with rising spindles,. The standard length is 650mm and custom lengths are also offered. The quick-change driving pins Dia 10mm can be adjusted single-handedly and without tools, to accommodate 3 or 5 spoked handwheels. The Inner diameter of the tube extension is 56mm and is suitable for spindles up to 50mm in Dia.



Model	Description	Dia mm	Length mm	Material
Hara300sysL650	Handwheel Adaptor	150	650	Stainless Steel
Hara300sysL xxx	Handwheel Adaptor made to order at custom length	150	50 - 1000	

Adaptors plate for Large Handwheels

The extension plate increases the diameter of the standard handwheel adaptors shown above from 150 to 250mm. It is secured using three knurled screws onto the standard handwheel adaptors type Hara.



Model	Description	Dia mm	Material	Weight ea. kg
Hara250	Extension plate - 3/4/5 spokes	250	Stainless Steel	1.8

Li-Ion Battery Packs

The standard 18V, 4.0 Ah ValveTex Battery packs, are designed to meet the demands of professional uses. This robust power source, in conjunction with our high-efficiency brushless Tool motors, delivers exceptional performance, maximizing both power output and run time per charge.

For applications requiring extended run times, optional 6.0 Ah battery packs are available.



Model	Description	To suit Tool	Power	Battery type	Weight kg
VT-1840Li	Battery Pack	VTA120 VTA240	18V 4.0Ah	Li-Ion	0.7
VT-1860Li			18V 6.0Ah		1.0

Battery Chargers

Fast charging - charges Li-Ion Compact series batteries in only 15 mins. Built-in CPU - gathers information from the battery's memory chip to determine optimum charging method. Forced air cooling fan - cools the battery to minimise charging time. Digital power display identifies the condition of the battery and charging condition.



Model	Description	Voltage	Weight kg
VT-18VCH	Battery Pack Airstream	220V - 240V	1.1

Built for demanding Field- and Plant Environments



Mining & Resources



Oil, Gas and Refining



Water & Wastewater Utilities



Power Generation & Electrical



Agriculture, Large Scale Irrigation



Marine, Ports & Shipping

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