

Portable actuators

A cost effective and efficient solution for manual valve operations

Portable valve actuators present multiple benefits compared to fixed actuators, particularly when valves are utilized infrequently.



Installation



Costs: CAPEX



Costs: OPEX

Fixed actuator

- **Limited** to ISO flanges
- **Only during shutdowns and isolation**, to set open and closed positions of the valve
- Complex, requiring specialized personnel

- **Cost varies** depending on type and size of actuators

- **Additional infrastructure required** for wiring, tubing, and infrastructure

- **Regular maintenance and check-ups** – recalibration, sealing, stroke testing, by trained personnel

Portable actuator

- **Flexible:** on almost any handwheel operated valve

- **Any time**, also during normal plant operations

- Fast and easy – installation of valve adaptors, can be carried out by site personnel

- **Cost per valve reduces significantly** with the number of valves operated – can be operated on numerous valves with fixed or temporary adaptor

- **No additional infrastructure required** – only existing compressed air utility for pneumatic torque tools

- **Minimal maintenance**, only visual inspection of valve kits, recalibration of torque tools depending on usage



Sustainability

Fixed actuator

- **Standby energy supply needed**
- **Extensive use of materials** - Actuator and infrastructure are constructed of variety of materials, mostly metal and plastics

Portable actuator

- **No standby energy supply needed**
- **Minimal use of materials** per valve - portable concept



Dimensions and weight

- **Added size and weight** to valve – must be taken in consideration when restriction apply (vertical lines, vessels)
- **Additional impact** due to Infrastructure and support components - must be considered in plant design

- **Minimal added weight** – in case of completely portable solution: no added weight when valve is not operated
- **No additional impact** on plant layout

Learn more about Sofis portable actuator solutions EasiDrive and Power Wrench at www.sofisglobal.com or contact us directly via marketing@sofisglobal.com.



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