



YOUR PARTNER WORLDWIDE

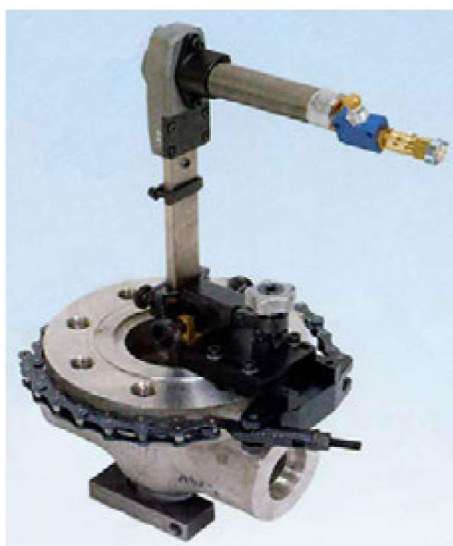


SL Series

Portable machine for grinding and lapping of sealing faces in gate valves, gates and flanges

DN 20 – 2000 mm

3/4" - 80"



SL – 05

SL – 1

SL – 15

SL – 2

SL – 3



Employing tomorrow's technology to machine today's valves

THE PREMIUM-PRODUCTS – MADE BY EFCO – MADE IN GERMANY



EFCO – SL - AN IMPRESSIVE CONCEPT

- **Wide-ranging** use in conventional power stations, nuclear power stations, refurbishment companies, refineries, chemical plants, shipyards, sugar mills, paper mills, on ships, by valve manufacturers and many others.
- **Long life due to the use of:**
 - High-quality materials
 - Powerful drives
 - Wear-resistant tools
 - Stable light-weight design
- **Good price/performance ratio**
- **Flexible use** of machine by means of various tool sets and accessories
- **Use independent of:**
 - Width and hardness of sealing faces to be machined
 - Installation position of fitting (horizontal, vertical)
 - Type of fitting (with or without sealing flange, oval or round)
- **Universal installation systems** enable:
 - Safe installation
 - Simple handling
 - Fast adjustment
 - Drives can be fitted on both sides and replaced quickly
 - Any insertion depth can be set.



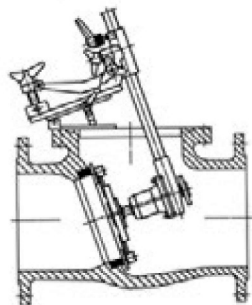
- **The rocker** - precision element to:
 - Mount the machine arm
 - Set the insertion depth
 - Easy to install
 - Fast fine adjustment at side
 - Setting of working pressure
 - Easy repeatability of optimum working pressure by fitting the digital display (optional)
 - Worldwide patent.



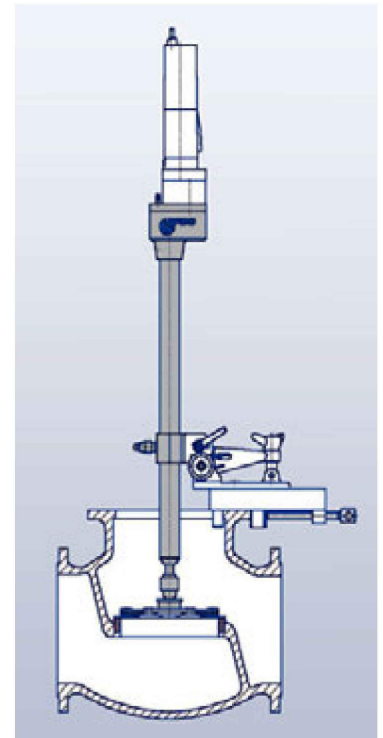
- **Swing-Check Adapter**
Accessory for machining the sealing faces of non-return valves with large angle.
- **VB Device**
Additional arm for grinding and lapping sealing faces in valve housings.
- **EFCO-SLA**
Planetary gear with driven grinding spindles. Significantly increased performance - thus shorter machining times.



EFCO-SLA



Swing-Check Adapter



SL-15 with VB Device

WELL THOUGHT-OUT MACHINING TECHNOLOGY

Grinding (dry grinding)

- Using hardened and lapped grinding spindles and self-adhesive grinding paper or grinding film rings.
- On rotation of the planetary gear, the grinding spindles, which are guided in ball bearings, rotate around their own axis => optimum cross-hatch grinding.
- GSS - high-performance grinding disks for the removal of large-scale damage and use in hot valves.
- Optimum material removal.

Lapping

- With grey iron lapping spindles.
- Lapping pastes in various grain sizes.



Optimum material removal due to:

- High quality, self-adhesive, water-proof grinding papers and grinding films.
- Oil soluble lapping pastes based on boron carbide.



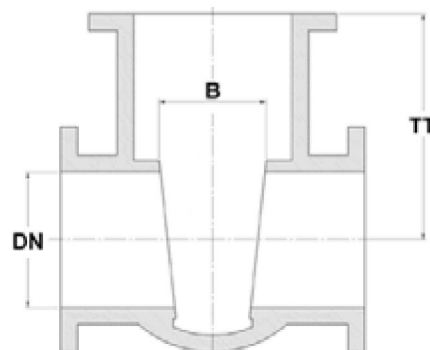
EFCO-SL - The Complete Solution

The SL machines, as do all EFCO products, provide a complete repair system.

Specification	SL-05	SL-1	SL-15	SL-2	SL-3
Nominal bore (DN - mm)					
Standard	20-65 (3/4"-2 1/2")	32-150 (1 1/4"-6")	40-300 (1 1/2"-12")	200-700 (8"-28")	500-1600 (20"-64")
Special up to	80 (3")	200 (8")	450 (18")	900 (36")	2000 (80")
Immersion depth (mm) TT					
Standard	250 (9.8")	400 (15.7")	600 (23.6")	1000 (39.4")	1200 (47.2")
Special up to	400 (15.7")	600 (23.6")	1200 (47.2")	1600 (62.9")	2200 (86.6")
Min. spacing B	15 (0.59")	28 (1.1")	41 (1.6")	69 (2.7")	102 (4")
Drive	electric 230/110 V, 50/60Hz or pneumatic 6-7 bar				



EFCO SL-2



SL-15 machine case

Authorize Trading Partner / OEM



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