



LS

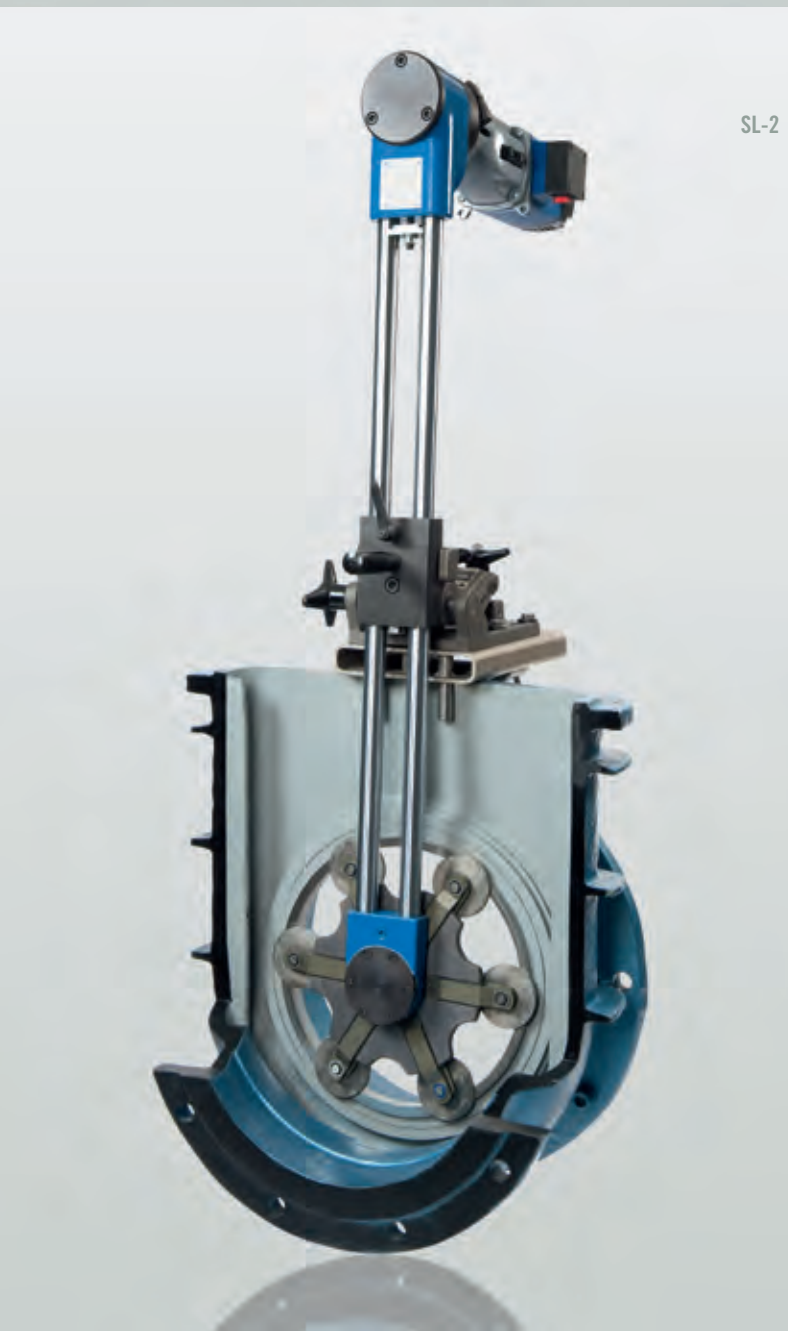
## LS SERIES

Special tools for grinding flanged pipe ends with metallic lenticular gaskets 140° as per BASF- and DIN 2696 standard from DN 6-200 mm (¼"-8").

Drive: electric 230/120 V, 50/60Hz or pneumatic 6-7 bar

LS	1	2
DN	6-90 (¼"-3½")	6-200 (¼"-8")

Dimensions in mm (inch)



SL-2

## SL SERIES

Portable grinding and lapping machine for the repair of sealing surfaces in gate valves and non-return valves and on wedges and flanges of DN 20-2000 mm (¾"-80").

Drive: electric 230/120 V, 50/60Hz or pneumatic 6-7 bar

	SL-05	SL-1	SL-15	SL-2	SL-3
DN					
Standard	20-65 (¾"-2½")	32-150 (1¼"-6")	40-300 (1½"-12")	200-700 (8"-28")	500-1600 (20"-64")
Special up to	80 (3")	200 (8")	450 (18")	900 (36")	2000 (80")
Immersion depth					
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					
	15 (0.59")	28 (1.1")	41 (1.6")	69 (2.7")	102 (4")

Dimensions in mm (inch)

Other immersion depths can be supplied on request.

Option:

- Digital rocker (for the exact reproduction of the set contact pressure)
- Swing-check-adaptor (for machining the sealing surfaces in non-return valve housings with large inclination)
- VB device:  
additional arm for grinding and lapping flat sealing surfaces in valve housings.



# SLA SERIES

Planetary gears with driven high-speed spindles for the machining of hard sealing surfaces ( $\geq 35\text{HRC}$ ) for SL-15 and SL-2 machines (patented).

Time saving up to 90%.

Available as option for new machines and for retrofitting to existing SL machines.

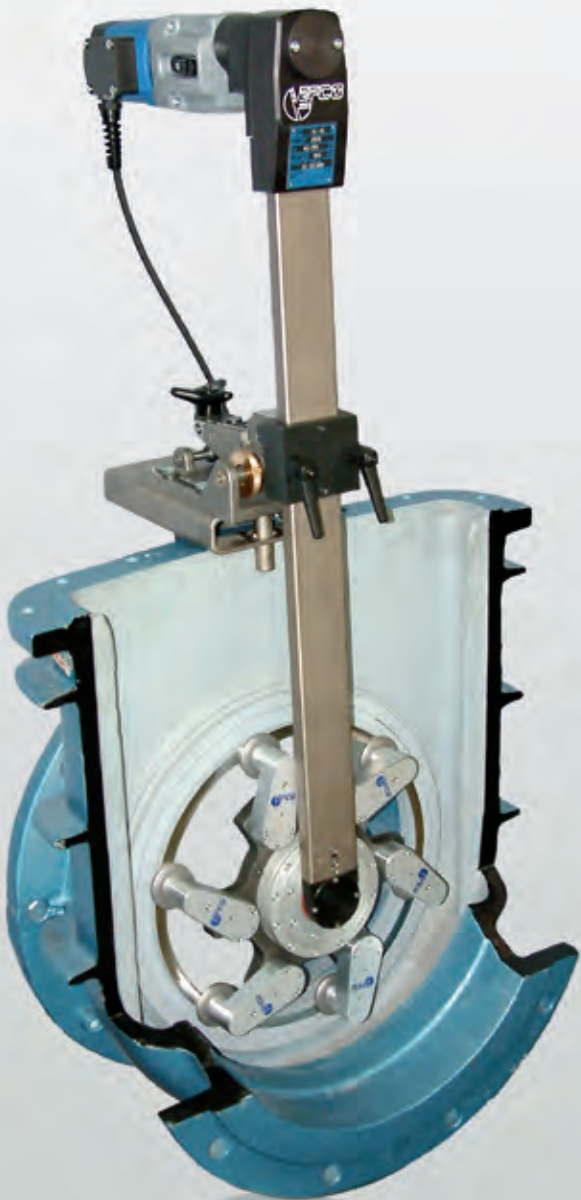
## Driven planetary gears

Type	SLA-15*	SLA-2**
AS-1	DN 125-175 (5"-7") (Option)	
AS-2	DN 175-225 (7"-9")	DN 200-225 (8"-9") (Option)
AS-3	DN 225-400 (9"-16")	DN 225-400 (9"-16")
AS-4		DN 400-600 (16"-24")

Dimensions in mm (inch)

\* for SL-15 machines \*\* for SL-2 machines

AS-3



HSL-15



# HSL SERIES

Portable machine for high-speed grinding of hard sealing surfaces ( $\geq 35\text{HRC}$ ) in high-pressure gate valves and wedges of various design.

Fitted with SLA series planetary gears for use with driven GSS grinding spindles.

Drive: electric 230/120 V, 50/60Hz or pneumatic 6-7 bar

Type	HSL-15	HSL-2
Working range	DN 175-400 (7"-16")	DN 225-600 (9"-24")

Dimensions in mm (inch)

- Grinding speed up to 21 m/s (826.8"/s)
- Very high material removal of up to 2 mm/h /0.08"/h (for Stellite 6/21 dia. 350/300 (13.8"/11.8"))
- Time saving up to 90%!
- Patente