



Industrial Valve Grinding & Repair Systems



Model G

Strategic Partner for Valve-Related Solutions & Training

The patented LarsLap® system includes a wide range of industrial valve grinding machines with individually driven grinding heads providing valves with fast and efficient maintenance so you can feel confident with the performance of your valves.



Model FL

Competition

Other valve grinding machines on the market tend to use either single grinding plates or friction driven grinding heads. While they provide a simple setup, this method frequently produces uneven results.

Most machines on the market use friction driven grinding heads, giving the operator no control over the individual grinding heads. The rotation may slow down or even stop altogether, potentially damaging the valve seat.

LarsLap®

Better results can be achieved with individual grinding heads arranged around a central driving head. The movement of the individually controlled grinding heads produces a perfectly flat surface with a microscopic crosshatch pattern that prevents leakage from capillary action.

Using individually driven grinding heads, the speed of individual discs can be controlled. Controlled grinding heads produce excellent results while minimizing the risk of damage to the valve seat.

Model	Valve Type	Valve Seat	Valve Size
Model G	Gate, Gate Wedges, Check, Swing Check, Globe, Safety, Control	Flat	6"-52" (150 mm-1300 mm)
Model FL	Gate, Gate Wedges, Check, Swing Check, Globe, Safety, Control	Flat	2"-12" (50 mm-300mm)
Model D	Globe, Safety, Control	Flat or Angle	2"-32" (50 mm-800 mm)
Model SC	Gate, Parallel Slide, Discs, Wedges	Flat	1"-4" (25 mm-100 mm)
Model K	Globe, Safety, Control	Flat or Angle	1/4"-6" (8 mm-150 mm)
Model C	Globe, Safety, Control	Flat or Angle	3 Different Size Machines
Model FL-H	Gate, Globe, Check, Safety, Control	Flat	2"-8" (50 mm-200mm)
Model STC	STC Table works with LarsLap models S, FL and G		

Model G

- Valve Seat: Flat
- Check Valves
- Safety Valves
- Control Valves
- Gate Valve Wedges
- Range: 6"-52" (150-1300 mm)



Model FL

- Valve Seat: Flat
- Gate Valves
- Globe Valves
- Check Valves
- Safety Valves
- Control Valves
- Gate Valve Wedges
- Range: 2"-12" (50-300 mm)



Model D

- Valve Seat: Flat or Angle
- Globe Valves
- Safety Valves
- Control Valves
- Range: 2"-32" (50-800 mm)



Model SC

- Valve Seat: Flat
- Gate Valves
- Parallel Slide Valves
- Discs and Wedges
- Range: 1"-4" (10-150 mm)



Model K

- Valve Seat: Flat or Angle
- Globe Valves
- Control Valves
- Safety Valves
- Flat Seat Range 1/4"-6" (8-150 mm)
- Angled Seat Range 1/4"-2 1/2" (8-65 mm)



Model C

- Valve Seat: Flat or Angle
- Control Valves
- Flanges
- Range: 1/4"-32" (10-800 mm)



Model F-LH

- Valve Seat: Flat
- Gate
- Globe
- Check
- Safety
- Control
- Range: 2"-8" (50-200 mm)



Model STC

- Gate
- Globe
- Check
- Safety
- Control
- Range: 2"-8" (50-200 mm)

