

Tools with the cutting edge

LarsLap Model FL

Suitable for gate, globe, check, safety, control valves and gate valve wedges

Range: 50-450mm (2" - 18")



Tools with the cutting edge

LarsLap . the optimal grinding system



Repairing leaking valves in industrial pipelines is a laborious operation involving extended downtime, production losses and substantial, unwanted costs.

Losses are minimized if valves can be reground *in situ*, precluding the need to dismantle and remove defective valves from the pipeline.

LarsLap Portable, industrial valve grinders with their patented design concept are the proven solution for in-line valve reconditioning.

Available in overlapping sizes, LarsLap grinders combine unsurpassed versatility with exceptional ease of handling and operation.

A combination guaranteed to give LarsLap grinders cutting edge performance, whatever the valve location.

Welcome to the world of LarsLap

LarsLap model FL

The best way to a perfect result

In-line grinding for fast results

LarsLap model FL's unique, lightweight universal clamping system allows rapid, accurate mounting for grinding valve seats or wedges.

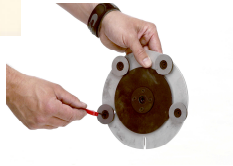
Operating checks and replacement of abrasive discs can be carried out without disturbing the assembly. No realignment is necessary when repositioning the grinding head.



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Individually driven grinding heads for perfect results



Driving heads on LarsLap model FL incorporate individually gear driven grinding discs, permitting rapid and efficient grinding of exceptionally smooth, flat surfaces for tightest possible seats.

Versatile

The Model FL can be mounted easily to grind the flanges on the valves, we also supply a 3 degree kit for gate valves, this reduces the risk of cutting damages to the seat.

To cover your needs the FL can be equipped with a range of driving and grinding heads permitting numerous combinations within the 40-450 mm range (1,6ö-18ö).



Horizontal or vertical grinding

With the model FL you have the option to grind globe valves (model FL-B), gate valves and wedges (FL-C) or both (FL-BC).

Wedges

The model FL valve grinder is easily set up for wedge grinding using the existing clamping system.



Complete with carrying case

Every LarsLap model FL is supplied with a rugged, customized carrying/storage case complete with accessories.

The case is fitted with specially designed compartments molded to the shape of each component, allowing operators to confirm at glance that all items are in place before and after grinding.

Unique flexibility

All LarsLap grinders are designed for operational compatibility. They can be run from bench-mountings and driven by pneumatic or electric powered motors. Equipment purchased initially for relatively small diameter ranges can be conveniently upgraded to deal with larger ranges at a later date.

This unique degree of flexibility means that grinders can be readily adapted to suit a wide variety of customer needs.



LarsLap Grinding paper

Get the most out of your machine by using LarsLap original grinding paper. LarsLap grinding paper is tested, proved and perfectly fitted to suit your machine under the conditions it will be working in.

Larslap model FL

A selection of standard models
Other configurations and
accessories are available on
request

	FL B 200 50-200mm (2+8+) Globe, control and safety valves	FL B 300 50-300mm (2+12+) Globe, control and safety valves	FL C 200 50-200mm (2+8+) Gate, check valves and wedges	FL C 300 50-300mm (2+12+) Gate, check valves and wedges	FL BC 200 50-200mm (2+8+) Gate, check, globe, control, safety valves and wedges	FL BC 300 50-300mm (2+12+) Gate, check, globe, control, safety valves and wedges
Base unit	“	“	“	“	“	“
Bottom plate for grinding gate valve wedges	option	option	“	“	“	“
Drive shaft for gate valves	option	option	“	“	“	“
Drive shaft for globe valves	“	“	option	option	“	“
Electric drive unit 110 or 220V	option	option	option	option	option	option
Pneumatic drive unit (6-7 bar)	option	option	option	option	option	option
Regulator for pneumatic drive unit	option	option	option	option	option	option
Holder for drive shaft. Maximum depth 600mm (24+)	“	“	“	“	“	“
Holder for drive shaft. Maximum depth 900mm(36+)	option	“	option	“	option	“
Driving plate FL Ø 50mm (2+)	“	“	“	“	“	“
Driving head FL ø 65mm (2,5")	“	“	“	“	“	“
Driving head FL ø 80mm (3+)	“	“	“	“	“	“
Driving head FL ø 100mm (4")	“	“	“	“	“	“
Driving head FL ø 125mm (5")	“	“	“	“	“	“
Driving head FL ø 150mm (6")	“	“	“	“	“	“
Driving head FL ø175mm (7")	option	option	option	option	option	option
Driving head FL ø 200mm (8")	“	“	“	“	“	“
Driving head FL ø 225mm (9")	option	option	option	option	option	option
Driving head FL ø 250mm (10")	option	“	option	“	option	“
Driving head FL ø 300mm (12")	option	“	option	“	option	“
FL grinding head ø28mm (1,1")	“	“	“	“	“	“
FL grinding head ø35mm (1,4")	“	“	“	“	“	“
FL grinding head ø 40mm (1,6")	“	“	“	“	“	“
FL grinding head ø 50mm (2")	option	option	option	“	option	“
FL grinding head ø 70mm (2,8")	option	option	option	option	option	option
Conical segments in different angles Ø65 . 200mm (2 ½+. 8+)	option	option	option *	option *	option	option
Transport and storage case with tools required to operate the FL	“	“	“	“	“	“
Grinding discs rough, medium and fine ø 28/35/40mm	“	“	“	“	“	“

*Requires B drive shaft

Possible range for model FL

- A= 40-450 mm (1,6"-18+)
- B= 39 mm (1,56") min
- C= 100mm (4+) min
600mm (24+) standard
1000 mm (60") max (option)
- D= 80- 507 mm (3,20"-14,8")
- L= 570 mm (22,8") min

Carrying case Model FL-BC 200:
760x560x280mm (30,4"x22,4"x11,2")
Total weight Model FL-BC 200:
39 kg (87,8 lb)

