

Tools with the cutting edge

# LarsLap Model SC

Suitable for gate, check valves and  
gate valve wedges  
Range: 10-150mm (1/4" - 6")



# 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 SC

The best way to a perfect result

#### In-line grinding for fast results

LarsLap model SC'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.



Shown on the pictures is the clamping system of a G machine. The SC system is the same but much smaller

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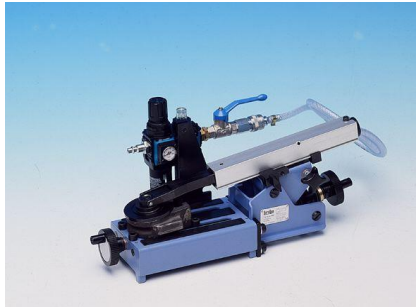
## Keep the noise down

All SC machines are equipped with a silencer for your comfort. In every detail we have it as our goal to make your working environment as good as possible.

## Versatile

The Model SC drive head is equipped for 3° angle grinding located on the opposite side of the flat grinding head.

The SC can be equipped with a range of grinding heads, permitting numerous combinations within the 10-150 mm range (1/4ö-6ö).



## Wedges

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

## Complete with carrying case

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

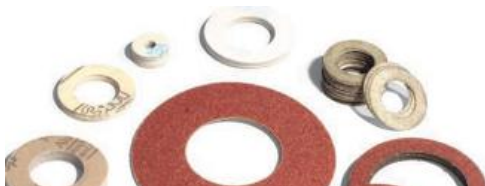
The case is fitted with specially designed compartments molded to the shape of each component, allowing operators to confirm at glance that all items are in place before and after grinding.



## 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, proven and perfectly fitted to suit your machine under the conditions it will be working in.

### LarsLap model SC

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

### SC 100

10-100mm  
(1/4+4")

Gate, check valves and gate valve wedges

### SC 150

10-150mm  
(1/4+6")

Gate, check valves and gate valve wedges

Mounting plate	"	"
Adjustable mounting frame	"	"
Wedge plate	"	"
Drive shaft for gate valves	"	"
Pneumatic drive unit for gate valves (6-7 bar)	option	option
Regulator for pneumatic drive unit	option	option
Silencer for pneumatic drive unit	option	option
Electric drive unit 110 or 220V	option	option
S grinding plate Ø25mm (1") for flat and 3° seats	"	"
S grinding plate Ø32mm (1 ¼") for flat and 3° seats	"	"
S grinding plate Ø40mm (1 ½") for flat and 3° seats	"	"
S grinding plate Ø50mm (2") for flat and 3° seats	"	"
S grinding plate Ø65mm (2 ½") for flat and 3° seats	"	"
S grinding plate Ø80mm (3") for flat and 3° seats	"	"
S grinding plate Ø100mm (4") for flat and 3° seats	"	"
S grinding plate Ø125mm (5") for flat and 3° seats	"	"
S grinding plate Ø150mm (6") for flat and 3° seats	"	"
Rough, medium and fine grinding discs Ø17, 20, 25mm (0,67", 0,79", 1")	"	"

### Possible range model SC 100

- A= 25-100 mm (1"-4")
- B= 19 mm (0,74") min
- C= 40mm (1,6") min  
350 mm (13,8") max
- D= 35-120 mm (1,38"-4,72")
- L= 320mm (12,6") min  
440 mm (17,3") max

Carrying case Model S-C:  
600x470x230 mm (23,6"x18,5"x9")

Total weight Model SC:  
15 kg (33,75 lb)

