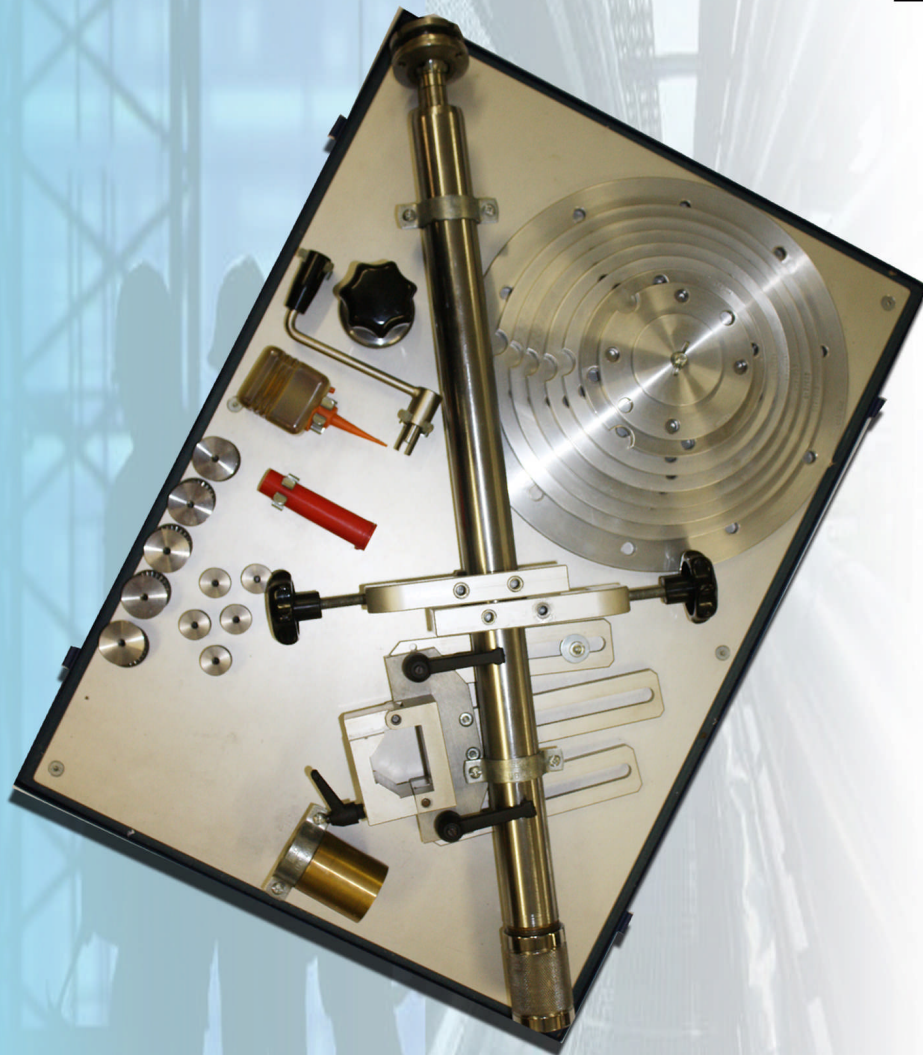


# Valve Grinding Systems



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Simple

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Easy to use

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Portable

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Reduce Labour costs

---

In-situ

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Unislip - Valve grinding solutions

Simple, Efficient, and cost effective



# Unislip Valve Grinding Solutions

*Simple, efficient, and cost effective*

The Unislip range of valve grinding machines provides a total valve maintenance solution providing our customers with an efficient, simple, cost effective and easy to use machine.

Valve grinding is an essential part of valve maintenance that often interrupts production and costing companies across the world sometimes millions of dollars due to downtime.

The Unislip range of valve grinding machines cuts the valve grinding process time by up to 90% compared with conventional grinding equipment. Furthermore by using the Unislip machine it provides a more high quality finish and is extremely portable at a competitive price.

## How it works

The Unislip valve grinding machine consists of a holding plate which has a number of grinding heads that are fitted with self abrasive discs. When the holding plate rotates the grinding heads move in the opposite direction to grind and polish the sealing surface.



## In heat and or cold the UNISLIP machine operates perfectly

The UNISLIP range of valve grinding machines are so divisible that since no grinding paste is needed this piece of unique equipment can operate in temperatures from -30 Deg C up to 100 deg C (212 deg f) making it suitable for a whole range of environments.



## Producing perfect surfaces

Since the small grinding heads rotate many times during one rotation of the holding plate the surface is perfectly ground. To produce the best results operators start off with a coarse grinding paper and moving down to a more fine grinding paper providing an outstanding finish.



# Unislip Valve Grinding Solutions

*Simple, efficient, and cost effective*

- **Unsurpassed Quality**
- **Fast mounting**
- **Easy to Use**
- **Portable and IN-SITU**
- **On the spot operation**
- **Suitable for 97% of all valves**

## Exact Angles

The UNISLIP valve grinding machine automatically sets itself to the correct sealing angle which provides maximum precision

## Ease of use

The UNISLIP machine saves our clients time since the machine is extremely portable and is fitted directly on the valve housing and driven manually or by a air motor (optional). The machine is supplied in a metal durable case which makes the machine ideal out in the field or in confined spaces.

## Suitable for 97% of all valves

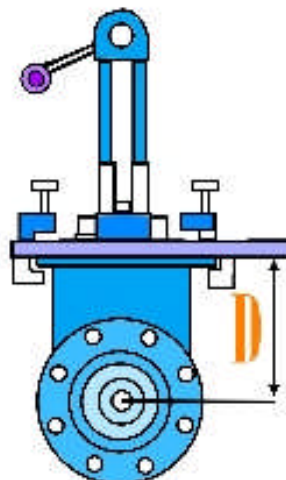
We offer a full range of grinding machines to suit our client's various requirements and ever changing demands and we can offer grinding machines for gate , safety and parallel valves of various sizes ranging from 18mm to 1300mm. We also can provide non standards sized machines on request. When enquiring about our range of machines please provide the inner diameter of the seat to be ground and we will tailor make a holding plate to grind your valve.

## Fast mounting and grinding

One of the main benefits of the UNISLIP grinding machine is that it can easily be set up by one operator within 15 minutes reducing downtime and saving our client's valuable time and money.

Over time since the UNISLIP machines are very durable it will pay for itself.

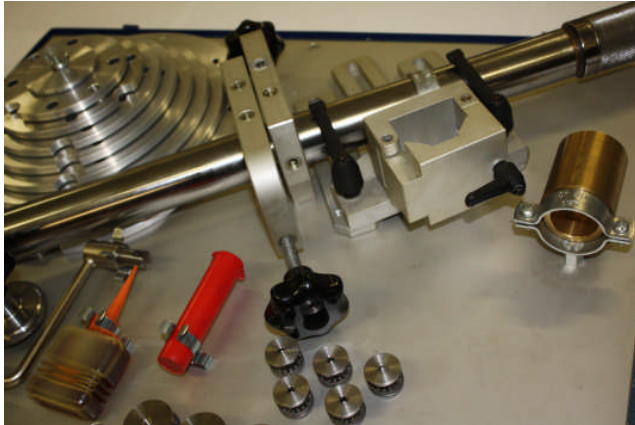
All machines sold are supplied with a simple to follow instructional video on CD-ROM and full maintenance guides.



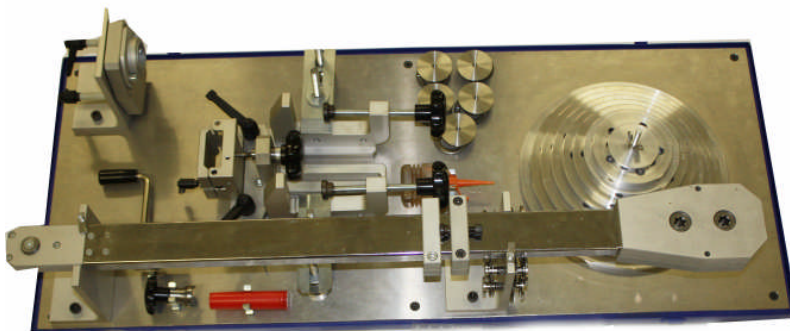
- Choose the correct holding plate
- Mount the correct grinding heads
- The only measurement required for correct setting is depth (D) As shown on the diagram across

# Unislip Valve Grinding Solutions

*Simple, efficient, and cost effective*



**UNISLIP Y Valve Grinding Machine**  
Suitable for globe and safety valves  
4" to 12"



**UNISLIP SA Valve Grinding Machine**  
Suitable for gate and parallel slide valves  
75mm to 250mm

# Unislip Valve Grinding Solutions

*Simple, efficient, and cost effective*

## Our range of Valve grinding Machines— For gate & parallel slide valves

Desc	S.A.M	S.A	S.B
<b>Valve sizes</b>	18—25mm 3/4" - 5"	75mm—250mm 3" - 10"	150mm—500mm 6" - 20"
<b>Submersible depth</b>	300mm (12")	550mm (21")	1400mm (57")
<ul style="list-style-type: none"> <li>• All Models are fitted with a gearbox to provide speed and grinding power</li> <li>• Air motors are provided at an extra cost</li> <li>• All equipment supplied in durable case</li> <li>• To change grinding paper do not remove the machine supply remove the drive with the holding plate and renew the adhesive grinding disc and replace the unit</li> <li>• Special securing mechanism ensures easy attachment of the machine to the valve flange, as well as valves without flanges</li> </ul>			

## Our range of Valve grinding Machines— For globe and safety valves

Desc	X	Y
<b>Valve sizes</b>	40mm—125mm 1 1/2" - 5"	100mm-300mm 4" - 12"
<b>Submersible depth</b>	300mm (12")	750mm—300"
<ul style="list-style-type: none"> <li>• All equipment supplied in durable case</li> <li>•</li> </ul>		

## Other UNISLIP insitu machines

UNISLIP TYPE "H" - For globe and safety valves with tapered seats of 15-30-45 degrees 6—65mm

UNISLIP TYPE "W" - For globe, safety and control valves with flat seats 8-50mm (5/16" - 2")



[www.unislip.net](http://www.unislip.net)

For more information

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