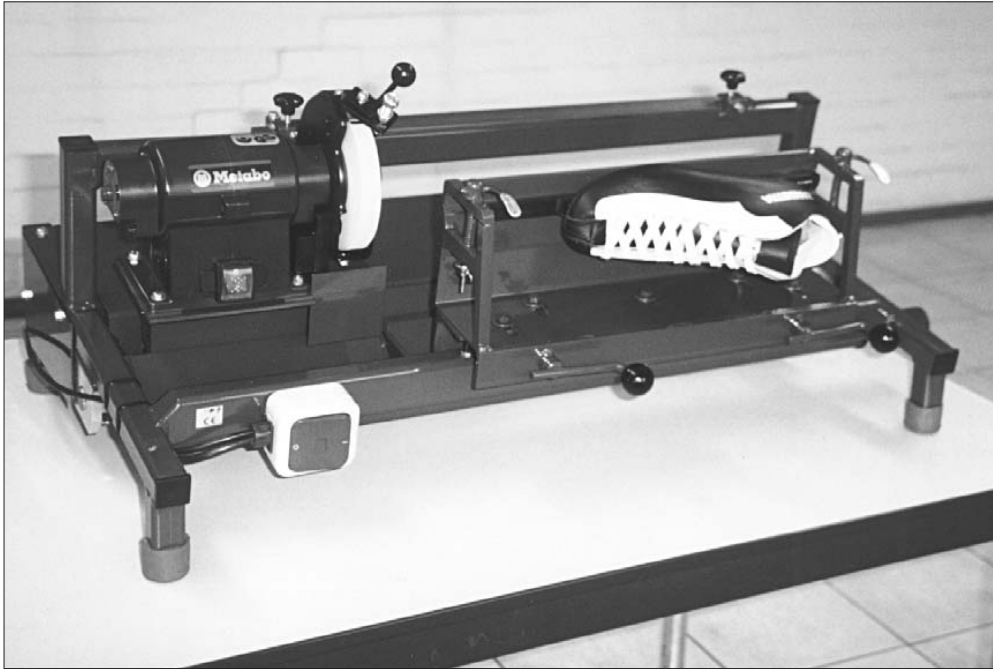


# RADIUS SHARPENING MACHINE



*Through the development of the sport many skaters know exactly what radius they want. The skater no longer asks for the blades to be sharpened. They ask for a specific radius.*

*To play a part in this development there is now a reliable, accurate and simple to handle radius machine available.*

*Over recent years hundreds of these Zandstra radius machines have been installed all over the world.*

*During the last two Olympic Winter Sports (Nagano and Salt Lake City) this machine was used by the competitors to give the runner the correct radius.*

## R.S.M.

With this machine all blades (short track and long track) can be given the correct and accurate radius. The most important specifications of the RSM are:-

1. The radius is achieved by use of templates. The radius in the template is the same as the radius given to the runner.
2. Because of the accurate sharpening the honing is kept to a minimum.
3. In principle there is no limit to the radius desired. This applies to short track as well as long track.
4. The machine has a diamond dresser. This means that the stone can be easily cleaned. A clean and open stone provides an accurate radius.
5. There is a vibration damper on the sharpening motor, thus making the stable sharpening possible.
6. There is a discharge chute on the machine. One only has to connect the tube of the dust collector with the trough.
7. The machine complies with all CE rules.
8. The changing of the templates is simple and quick.
9. The machine works on 220 V. Adaptors to 110 are available.

The machine now has an extra long holder. Thus it is possible to get the desired radius in any blade on the market. The RSM machine gives the required radius to the blade. It is not designed to sharpening blades quickly. For this we would draw your attention to the SSM machines. It is advised to polish the blade by hand after sharpening.

Templates available have the following sizes:

**Short Track:** 4, 6, 7, 8, 9, 10, 11, 13 and 15 meters

**All Round or Long Track:** 17, 19, 20, 21, 22, 23, 24, 25, 27, 30, 35 and 40 meters

At this moment new models of short track boots are being developed. As soon as they are available we will publish this information on our Internet site.

## Sharpening of the Short Track Tubes

The Zandstra Radius Sharpening Machine is also equipped to sharpen short track tubes. In order to give the desired radius one can use a template. The specially milled short track templates are available in sizes 4, 6, 7, 8, 9, 10, 11, 13 and 15 meters.

## Accessories:

1. RSM Stone
2. Dresser (diamond)

## Aluminium Radius Checking Device

Sharpening the blades by hand can influence the radius. Therefore it is wise to check your radius after hand sharpening.

Radius Checking Devices are in:  
8, 17, 18, 19, 20, 21, 23, 25 and 27 meters.



# SHARPENING EQUIPMENT

## NEW - Joha Pro Sharpening Jig

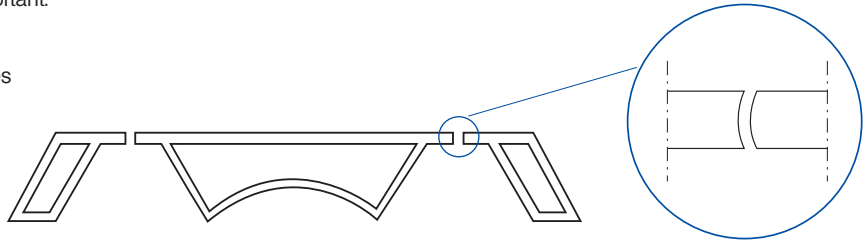
For many years the JOHA Jig has been famous with competition skaters. A completely new JOHA Jig has now been designed for the professional skater. The new model meets all requirements.

Because of the specially designed profiles (see 1) the runners are accurately and securely clamped (see 2). This is contrary to existing sharpening jigs which mostly have a standard aluminium slab.

### JOHA PRO specifications are:

- The design in combination with the most modern technique of high pressure casting have resulted in a very stable sharpening jig. The two sides are unique in shape and strength.
- The 2 top stoppers, the so-called precision spacers, can be set in three places.
- Because of the large knobs (M-6) the jig is quickly ready for use. This is a great advantage whenever many pairs have to be sharpened.
- Special anti-slip rubbers. Although many skaters secure their sharpening jig to the work bench, others bring the jig with them to competitions. Good anti-slip is important.
- Almost all speed skates fit into the JOHA PRO
- Because of the special design of the two aluminium profiles, during the clamping of the blades the runners are exactly 90 degrees in relation to the sharpening stone (see 2).
- Because of the front stopper one can accurately position the blades before sharpening.

**NEW**



## Aluminium Sharpening Jigs

### One piece - 7130/7135/7139

These aluminium sharpening jigs are made out of one piece of special extruded profile. The jigs are stable. The precision spacers have a so-called \_ fast locking system. The jigs are natural anodized.



**Item 7130 Aluminium Sharpening Jig – High**

A "high" sharpening jig has been specially designed for the ice Speedskates with moulded boots. Not only has the height of the boot been taken into consideration but also the width.

This jig is 10 cm higher than a standard jig. Also suitable for short track skates.



**Item 7135 Aluminium Sharpening Jig – Standard**

This is suitable for all speed blades with leather boots.



**Item 7139 Aluminium Sharpening Jig – Low**

This extra low and long jig is specially made for the sharpening by hand of skates such as easy gliders, cross-country, and odd sizes skates. In other words, all blades that are not suitable for placing in a "normal" jig.

### Item 7100 Ving Sharpening Appliance

A simple but excellent sharpening appliance.



# SHARPENING STONES

## Item 7205 FOSS combination stone

Foss Sharpening stones are of excellent quality.  
The stone has a ruff side for sharpening and a smooth side for polishing.  
An ideal stone for skaters who expect the best sharpening results

Size: 25 x 7,5 x 2,5 cms

*Tip: For optimal smooth surface see polishing system Zandstra 3-M*



## 7215 Norton India Polishing Stone

Aluminium oxide is used to make this one of the best honing stones.  
Especially with quick steel (?) the polishing result is very smooth.  
The extra length (29 cms) gives a better grip during sharpening.

Size: 29 x 6 x 2,5 cms,



## 7210 Stone Medium

Combination stone for a reasonable price. Quality: Silicone Carbon.

Size: 25 x 5 x 2,5 cms



## 7201 Pocket Stone (in case) (Quality: Silicone Carbon.

## 7301 Pocket Stone Arkansan (natural stone)

Very handy for the skater to treat the runner just before of after the race.

Size: 7,5 x 2,5 x 0,7 cms in case



All the Arkansas Stones that we sell are natural stones from America

## Item 7310 Arkansas Combination Stone extra large

Size: 25 x 5x 1,5 cms (white/grey)

## Item 7316 Stone – Large Black (extra fine)

Size: 20 x 5 x 1,5 cms

## Item 7305 Stone – Medium (white/fine)



## Item 7309 Honing Oil

Prevents the stone becoming clogged.

