

# KIRJES® Drum Sander KJ140

US pat. 6.685.547B2. Made in Sweden  
Dia=42mm (1 9/16"), H=44mm (1 9/16")  
Tot.H=64mm (2 3/8")



**Sands your work into art!**

The Kirjes Sanding and Polishing System includes a range of flexible inflatable sanders that actually conform to the shape of the material they are pressed against.



Long life sanding cloth sleeves to fit our sanders are available in different grits to create a smooth velvet finish.



[www.kirjes.se](http://www.kirjes.se)

**Make sanding fun, and eliminate hours of laborious hand sanding!!**

## KIRJES® Sanding and Polishing System



Inflatible Sanders in 5 sizes

Sanding Sleeves  
grit 60-400

Kirjes Organic Oil-Wax

Brush Sleeves

Cloth Sleeves

Flexible Shaft

Kirjes Sanding and Polishing Motor  
3000/3600 rpm

Other products:  
Hand Pump, Belt Cleaner,  
Dust Extractor. Booklet:  
"The Velvety Wood Surface".

Please note that not all dealers carry the complete system.



# Kirjes Drum Sander mod.140

## Preparation, Assembly, Mounting and Inflating

1. Wipe the rubber bulb and the inside of the sleeve with a slightly damp cloth to ensure a good grip for the sleeve.

2. Check that the rubber bulb is centered under the cap washers so that there will be no air leakage and then check that the Allen cap screw is tight on with the Allen key provided.

3. Install the desired sanding sleeve on the drum, making sure the slightly higher side of the lapped edge is heading into the work first. This is usually in a clockwise direction. NOTE - if using a flex shaft, DO NOT operate it in a counterclockwise direction, as this will damage the shaft unless the manufacturer specifically states that their shaft can be run in reverse.

4. It's important to have some of the sleeve projecting past each end of the drum, to protect the rubber, and also to take advantage of one of the main features of our drums - the ability to soft sand even on the corners of the drum.

5. TIP 1 - When fitted with a sanding sleeve, place a 1/16" spacer/flat washer on a firm surface. Place the flat end of the drum on the spacer. This will allow the sanding sleeve to project past the end of the drum. Inflate as follows.

*TIP 2 - Another tip is to hold the sander and pump in the same hand while pumping with the other hand. Grip the sander with your thumb, index finger and middle finger. Insert the pump on the drive shaft and then grip the pump using your ring-finger and little finger. Pump with small thrusts.*

6. Pump carefully until you are used to the amount of air required to inflate. These drums need very little air. For example, on our small hand pump, one upstroke and one downstroke is all that's usually needed. *The strokes should be made with a small distinct thrust, especially when the sander is new. A simple pliancy test is to press the sander together using your thumb and index finger. It should be easy to press the rubber and sanding sleeve against the*

*inner spindle.* Again, it's much faster to get the required firmness while inflating, than to pump the drum firm, and then try to release just the right amount of air by loosening the bottom nut. Often, especially if the drum has been pumped up quite firm, the air escapes much too quickly to tighten the nut in time.

7. Test the drum on a smooth scrap piece to make sure you have the right speed and that everything is tight.

8. To deflate the sander use the Allen key and untighten the Allan screw.



**Note:** Always wear proper eye protection when using the Kirjes drums, and make sure you are using an adequate dust collection/prevention system.