

# Floor sanding with a HUMMEL belt sanding machine

## TEST CUTTING

In order to avoid deep sanding marks it is better to start with a fine grit. Do your first pass with grit 50 or 60. If you are satisfied start working. If you are not either go down one step or consider to do two fast cuts with your fine grit.

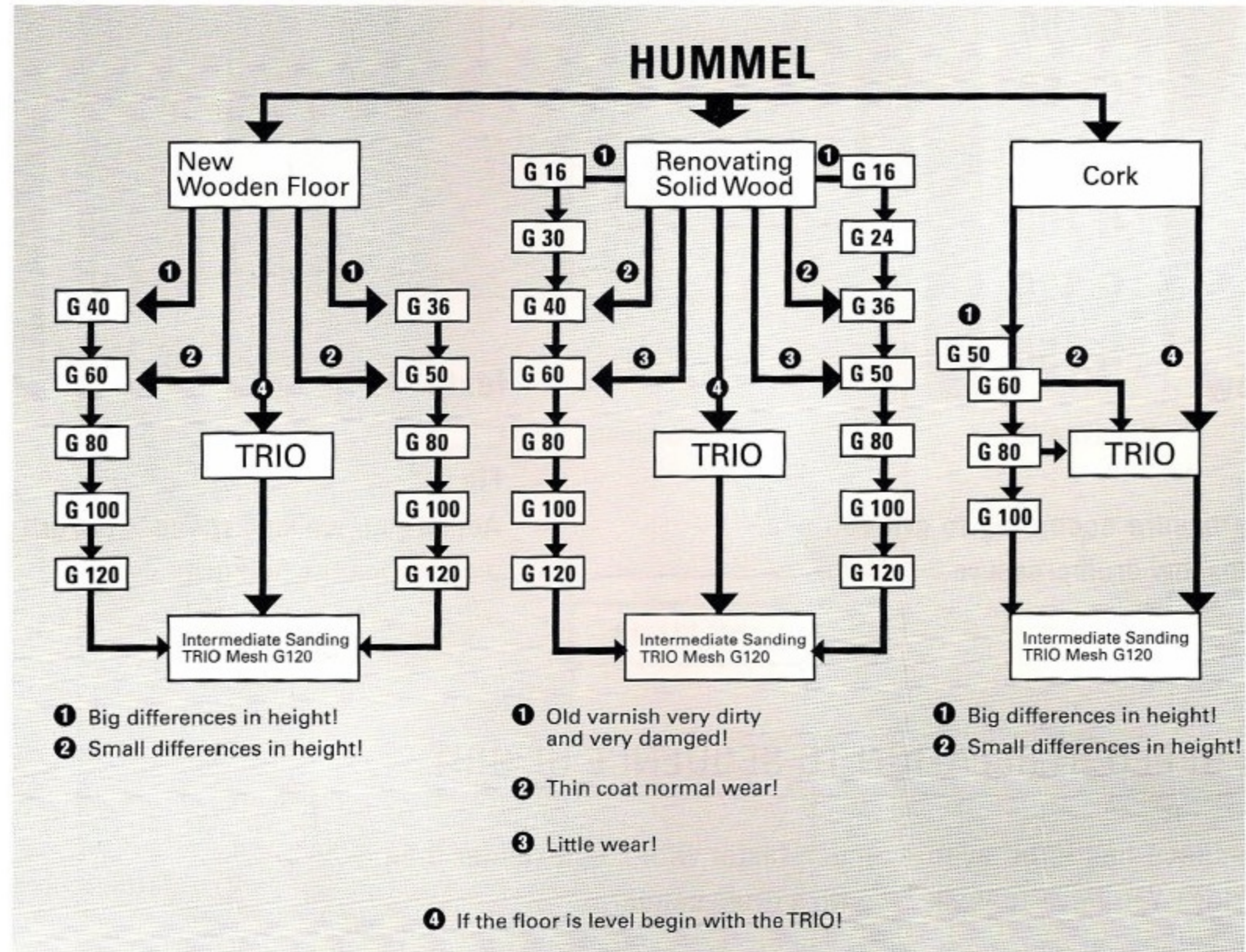


Fig. 10 Working plan for the HUMMEL

## STARTING

As you see in figure 11 always start on the left and offset to your right. If you do it the other way your left hand side wheel will always run on the uneven floor and transfers all the waves directly to the drum. You will not get an even floor!

One pass means forward and backward in the same track (see fig. 7). Never offset more than 85% of your drum.

Try to have your starting and turning points in areas with less light. Starting and turning points of your second cut should be in another area than the ones of your first cut. Never stop with a lowered drum.

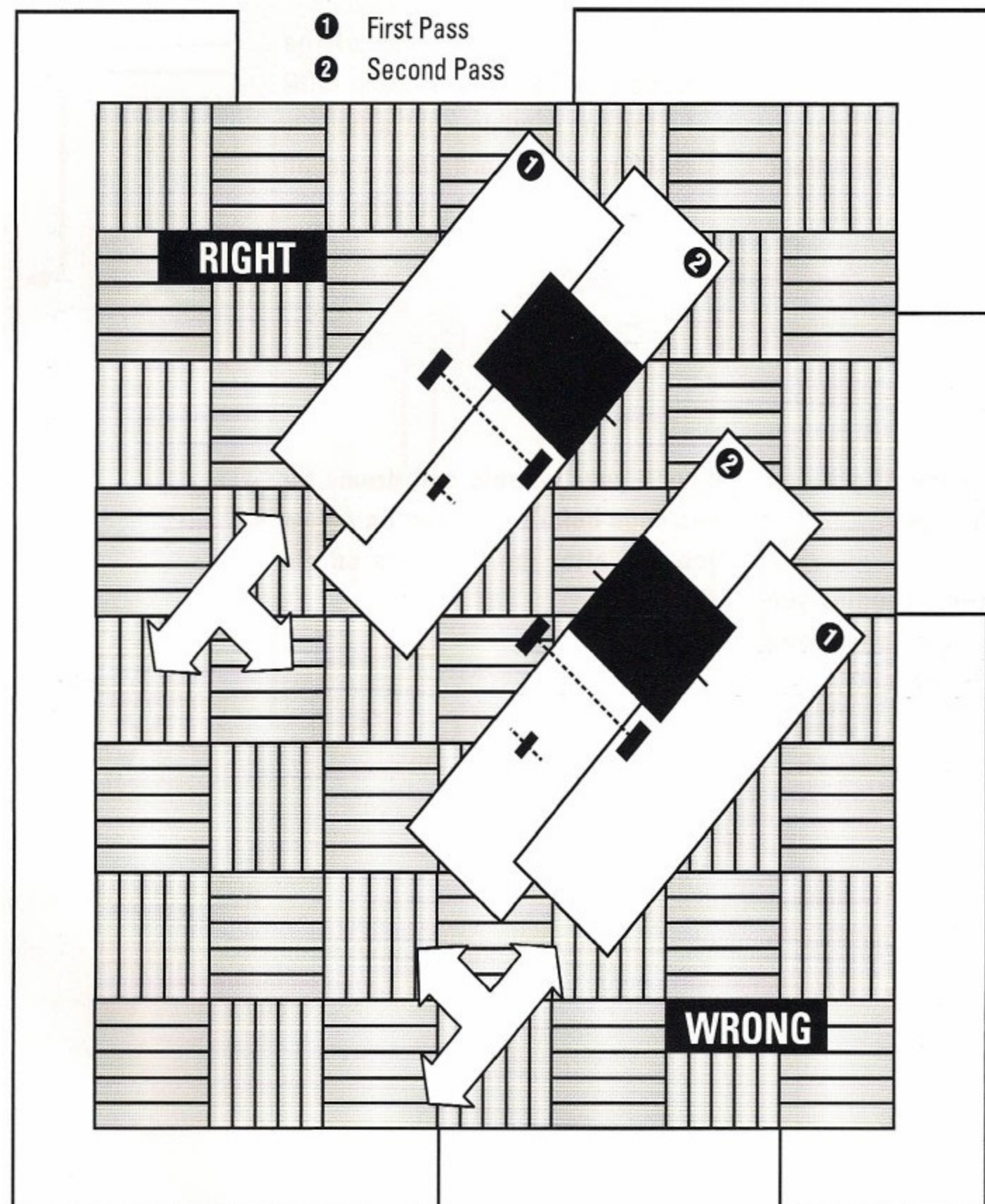


Fig. 11 Always offset to the right so your left hand side wheel runs already sanded part all time.

# SANDING ACCORDING TO SEQUENCE OF GRIT

DIY TRAT

Each square in figure 12 symbolizes one cut. In every symbol you have

two choices of grit, left hand and right hand bottom side. If you opted

for the right one in the first square, stick to it in the second square.

## HOW TO WORK THE DIAGRAM

- Check your kind of floor (strip, mosaic or else).
- Do a test sanding with grit 50/60 and then decide which way to go.
- Your advancement in the diagram depends on the looks of the floor after the cut.

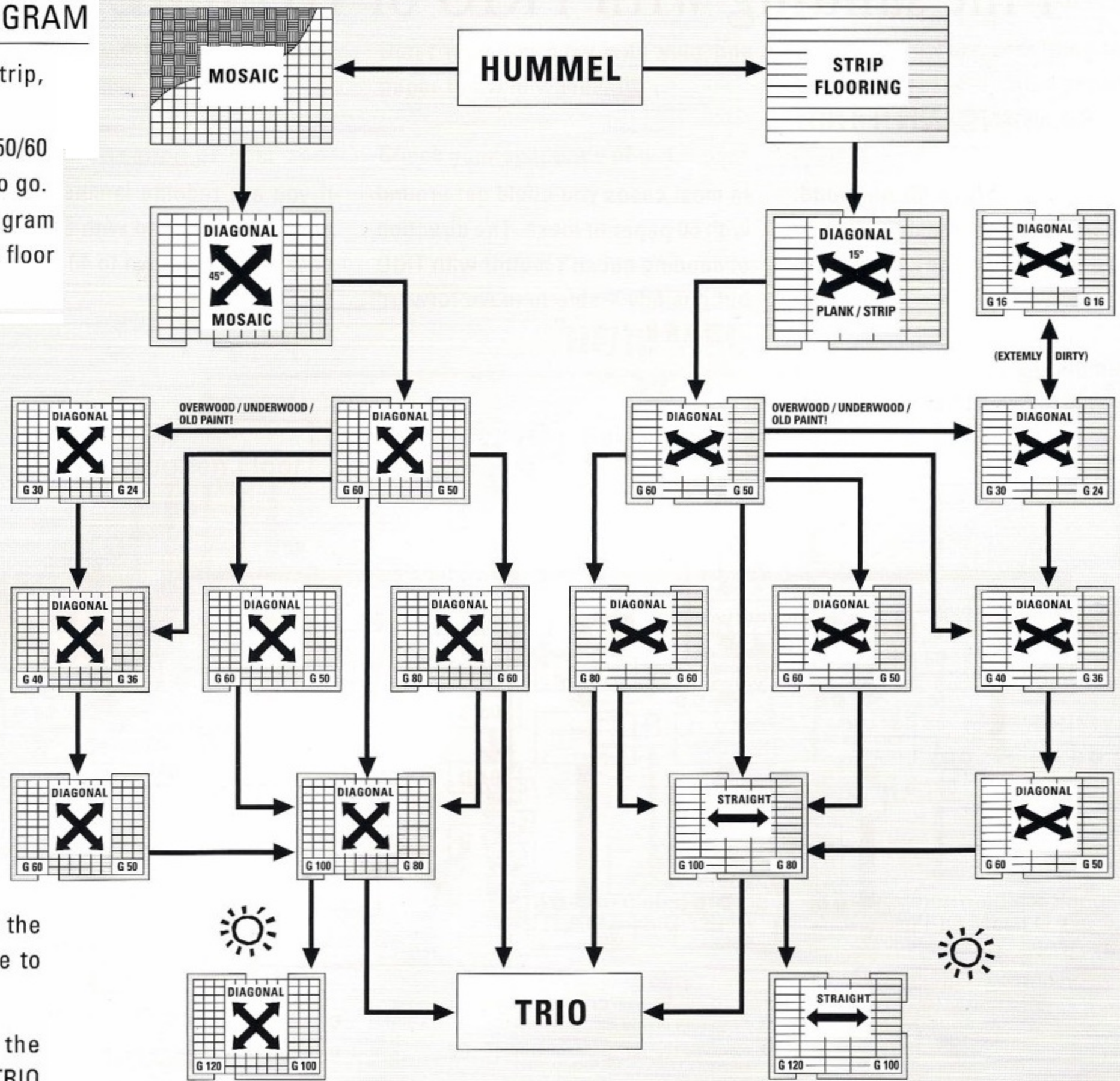


Fig. 12 Diagramm for use of HUMMEL

- If you are not satisfied with the result of one cut it's possible to repeat it.
- We recommend the use of the three-disc sanding machine TRIO for the fine sanding. That is the only machine that guarantees an even floor without sanding marks.
- If you use a HUMMEL for fine sanding you have to consider the main direction of the wood.

## ATTENTION

Stick to your sequence of grit and don't jump more than one.

To ensure good quality sanding you have to clean your floor after each cut.

Check your wheels and drums for residues before you start on a new job and after the first cuts on old floors.

## FINE SANDING WITH HUMMEL

Fine sanding with HUMMEL is similar to rough sanding.

Don't walk too slow with your fine paper to avoid waves.

Set your pressure according to grit. Use less pressure, finer paper and walk faster on soft wood.

Check the direction of your sanding.

Check your sequence of grit.

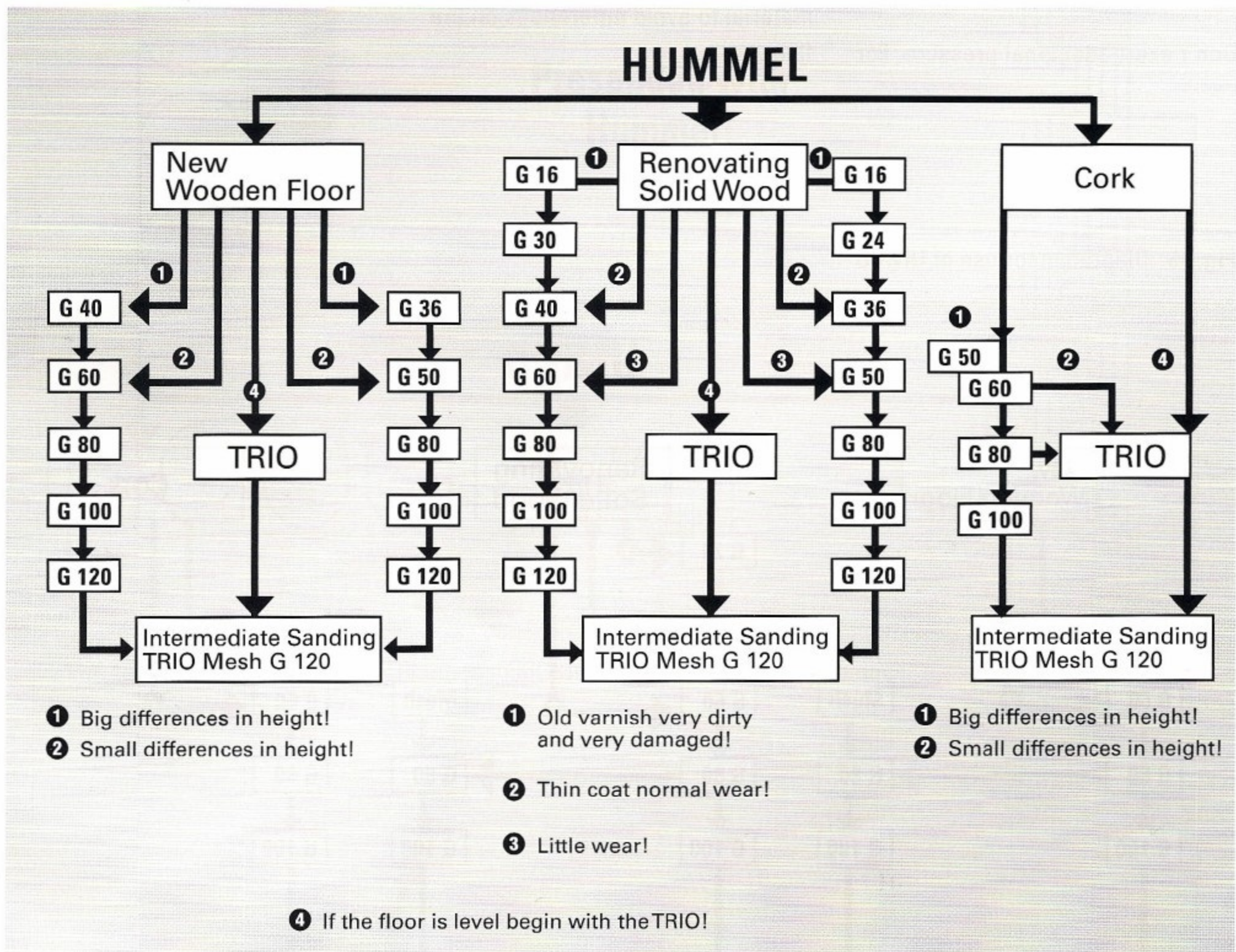


Fig. 14 Diagram for use of HUMMEL