

TECNIMETAL INTERNATIONAL Srl

Assembly instructions and maintenance

TELESCOPIC WAY COVERS

1. Dangers and Safety warnings

Telescopic Way Covers cannot be normally walked on , except for those covers having the largest box provided with antiskid plate located on top which somehow allow to step on it, and which is expressly stated in the drawing we provide. Walking on the largest box has to be peremptorily effected when the machine is switched off and on conditions of machine safety, checking presence of oils, lubricants or coolants, which are typically used on machine tools.

2. Set up into operation of telescopic way covers

Before removing the way cover from the package box please make sure the machine rails surface where the cover will roll on, will be clean, straight and smooth without gaps or scales. Please check also the fastening surface will be perfectly perpendicular to the rail surface. The covers have to be lifted up using those hook up devices which are provided (just in case the cover weight is more than 60 kgs.), parallel to the ground, avoiding the cover weight will stand only on a few rollers/sliders. That would be cause of deformation of the way cover and functionality could be affected.

The enclosed plate wich is part of the smallest box has to be fastened to the machine fixed point. Then proceed by opening up the larger boxes, making sure the smallest and the largest box will be parallel to the railings. Then proceed with fastening the flange located on the largest box to the machine carriage with proper screws without brute force. The screw heads should not force the flange or enlarge screw passage holes for instance. Once fixing is complete and machine can be started up it is advisable to perform some strokes at low speed. The cover will then adapt to the machine and best positioning will be self arranged. At this point fastening screws can be firmly tightened. Check again the cover will be opening and closing without blocks and frictions. Otherwise repeat the whole procedure until you get a proper operation.

3. Lubrication

Before shipment way covers are always lubricated with protective oil and covered with oiled paper in addition of a protective plastic film. In case the cover has been stored for long it is advisable to spray some protecting oil on its surface or by means of an oil soaked cloth.

4. Manteinance

Usually way covers do not require a lot of mainteinance, but keeping them clear off chips and working residues will prolong their life dramatically. In any case it is

advisable to inspect the cover providing every single box is opening and closing smoothly without blockings or unusual frictions. Otherwise identify the reason and reset the cover.

Monthly inspection of the wipers, sliders and rollers should be effected. Our company has the equipments for quick reparings and cover reassessments.

Using high speed covers with jack springs it is advised to perform six-monthly checking of jack springs, in particular inspection of end hook points, shafts, springs and tubes etc..

In case of accidental shock with metal plate deformation please provide with immediate replacement of damaged parts and boxes.