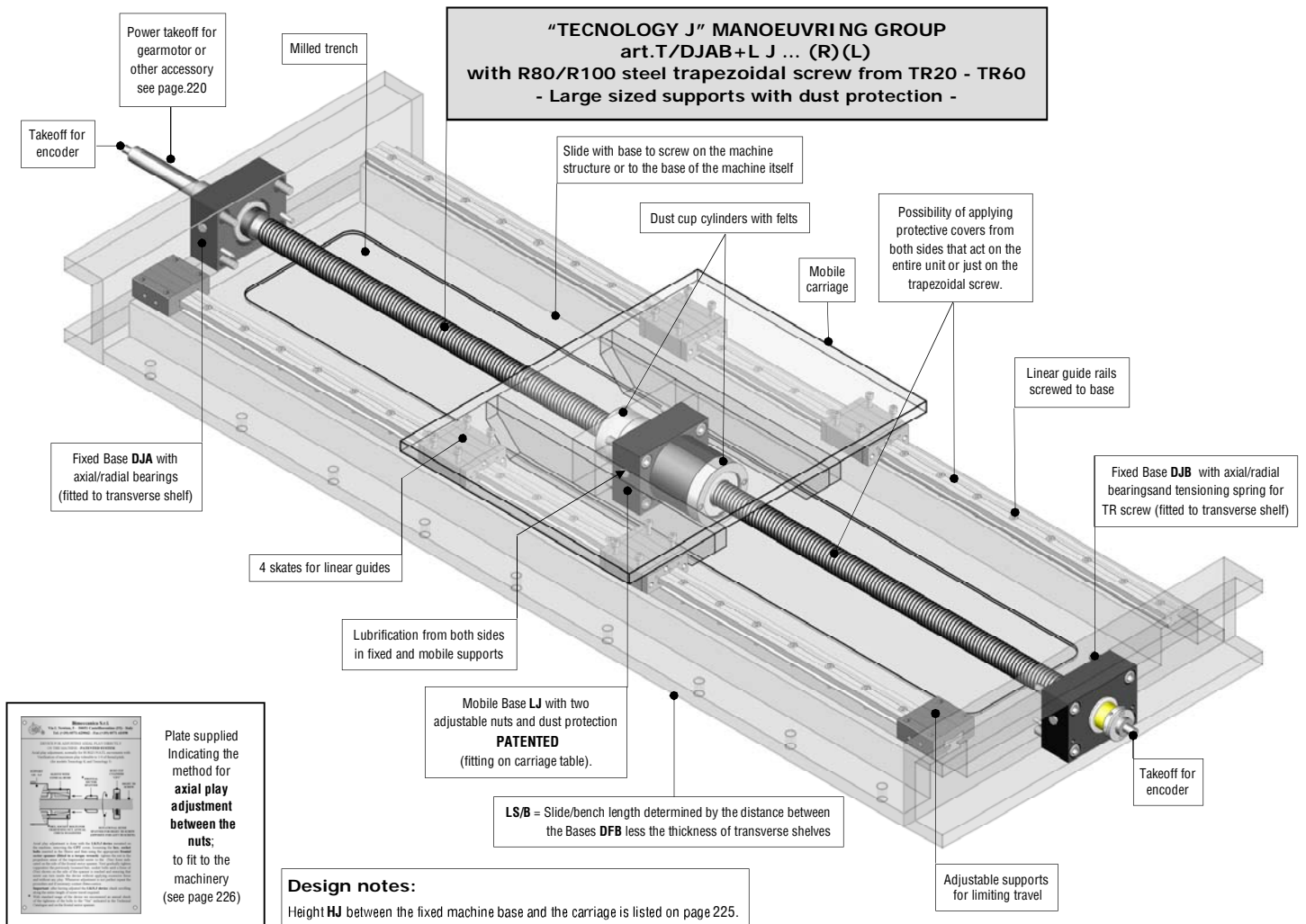


- **GROUP WITH FLANGE BASES, DUST PROTECTION CYLINDERS AND MULTIPLE NUTS FOR HEAVY LOADS.**
- Use with single screw or double screw in parallel with single drive.
- **Group with large flange bases in nitrided steel for fitting to transverse shelves on the machine table using longitudinal fitting hardware for the support, multiple bronze flange nuts for axial play adjustment on the trapezoidal screw, dust protection cylinders on the mobile Base and conical roller bearings in the fixed bases.**
- The "Tecnology J" mod.T/DJAB+LJ is ideal for movements of **heavy loads**, allowing **axial play adjustment** and is different to the "Tecnology K" model only for the shape of the supports (called Bases) and subsequent fitting to a shelf. It, too, is mainly used **horizontally**, however it can also be used vertically/obliquely with prior risk assessment in relation to the specific application. The system, in addition to the significant amount of thread being held, allows control of the maximum nut wear, **tolerable to 1/4 of pitch**, so that, with due attention and adequate protection of the machine, the risk from eventual breaking of the nuts is contained. All this thanks also to notable dimensions of the bases and the possibility of increasing the thread being held using our **patented system of sleeve with conical bush MCB** that allows movement of a **load 25% greater** than the **Compact Steel** and **Excellent Steel Groups**. The axial play adjustment system together with the plate supplied to apply to the machinery are illustrated on page 227.  
For use with maximum safety vertically/obliquely we recommend the **Tecnology safety JS** Groups.
- The **CFB/M** nut together with the **CFB/HL** "long series" nut are used in the "Tecnology J" Groups, as in the "Tecnology K", and **dust felts** are fitted at the edges of the of **L J mobile bases** to protect the thread profiles from external agents whilst also containing the lubricating grease within the nuts themselves. For vertical use with **gearmotor** (or other) **above** the supports are arranged in the sequence shown in the diagram.
- In cases where the **gearmotor** (or other) is **positioned below** the supports arrangement remains the same (always with the arrows facing downwards) but the **screw is made with special terminals and a "/B" should be added to the article reference when ordering. For example art."/DJAB+LJ/B .... (R)(L)".**
- **The guarantees of functionality and safety are determined by the proper use of the group together with perfect fitting on the machinery with the tabs inserted and the engraved arrows facing the same direction which, if used for vertical/oblique movements, should face downwards.**
- Unlike the Tecnology K models, that can be used pre-assembled and screwed directly to the Manoeuvring Unit, these models have to be fitted using the Bases individually and in the following sequence: **1)** Screw the mobile Base LJ to the carriage. **2)** Screw the trapezoidal screw into the Mobile Base LJ until it is aligned with the transverse shelves. **3)** Screw the fixed Bases DJA and DJB on the transverse shelves (see diagram below). **4)** Adjust all the rings on the fixed Bases DJA and DJB. **5)** Tighten all the fitting bolts after having manually checked the alignment of the Group. **6)** Complete the operation by folding the teeth of the safety rosette into the load bearing ring.
- Our Groups are ready for the fitting of accessories such as **gearmotors, handwheels, position indicators** and others. These items defined as "complementary accessories" are normally available from us, preselected according to the specially machined screw terminal, preassembled together with the supports that form the Group itself (**Group ready for rubber protective covers and complementary accessories detailed on page 265**).  
**For the correct use of this Group we also recommend reading the technical instructions on pages 181 - 183.**
- **Indicative diagram of Manoeuvring Unit using "Tecnology J" • Group with trapezoidal screw and axial play adjustment.**

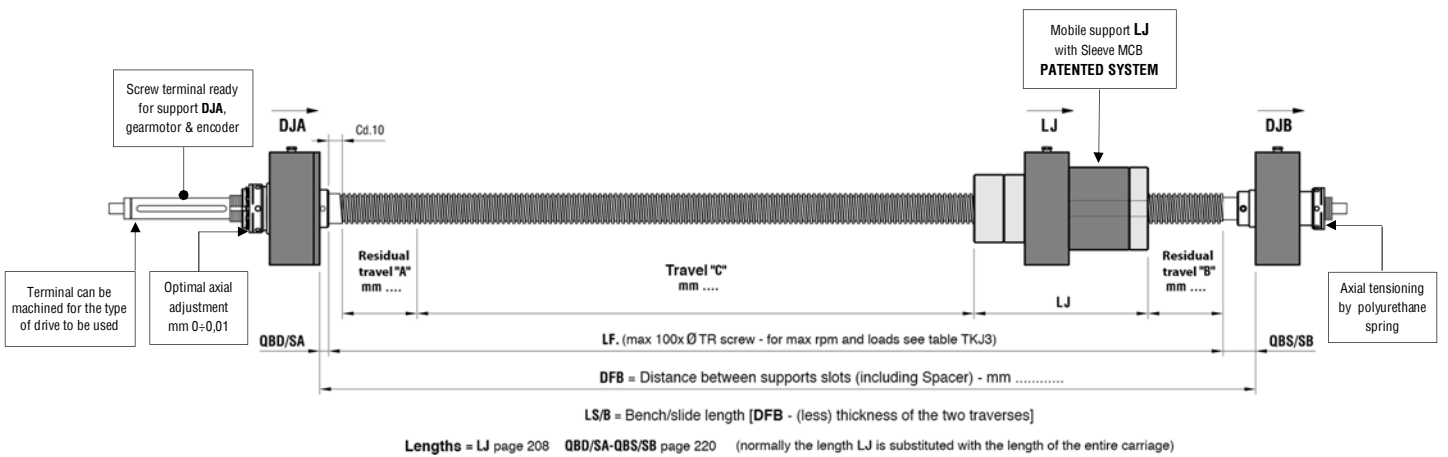


Group with right threaded components available from stock; with left threaded components made to order.

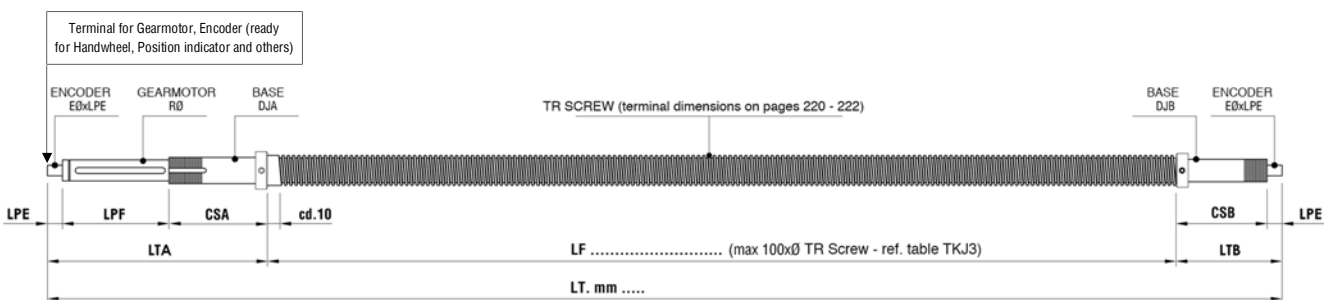
Photos, diagrams and technical data are the exclusive property of Bimeccanica srl. All rights reserved.

- TRAPEZOIDAL SCREW MANOEUVRING GROUP mod. "TECNOLOGY J" - art.T/DJAB+LJ ... (R)(L) series 20/60
- Steel R80/R100 Trapezoidal screw with maximum length of 100 times its diameter, ready for Tecnology J Bases and accessories.

|  |  |   |
|--|--|---|
| <p><b>COMPOSITION OF GROUP WITH THE RELATIVE BASES:</b></p> <ul style="list-style-type: none"> <li>- R80/R100 Steel trapezoidal screw (length to be defined).</li> <li>- art.DJA Fixed steel Base with axial/radial bearings.</li> <li>- art.DJB Fixed steel Base with axial/radial bearings.</li> </ul> | <ul style="list-style-type: none"> <li>- art.LJ Steel mobile Base assembled with:                     <ul style="list-style-type: none"> <li>• Bronze "long series" flange nut CFB/HL.</li> <li>• Sleeve with conical bush MCB + nut CFB/M.</li> <li>• Dust cup BP with spacer DDG.</li> </ul> </li> </ul> | <p>Fitting diagram of the Group on the slide "Tecnology Application J" on page 231.</p> |
|--|--|---|



- TRAPEZOIDAL SCREW DESIGN of our FC threaded bar FC in R80/R100 steel ready for the Tecnology K supports, gearmotor and encoder. Trapezoidal screw terminal: for specific details please see page 220, for general details please see pages 48 - 56.



- For sizing the Manoeuvring Group screw and consequent gearmotor, consult tables TKJ3/TKJ4 on pages 220 - 223 with subsequent compilation of this page quoting the Group in the points indicating "Travel A - Travel B - Travel C" together with the Questionnaire found on pages 64-65.
- Please send everything to our technical department for optimizing. For the dimensions of single supports and spare parts please see the following pages.