IKO C-Lube Maintenance-free series

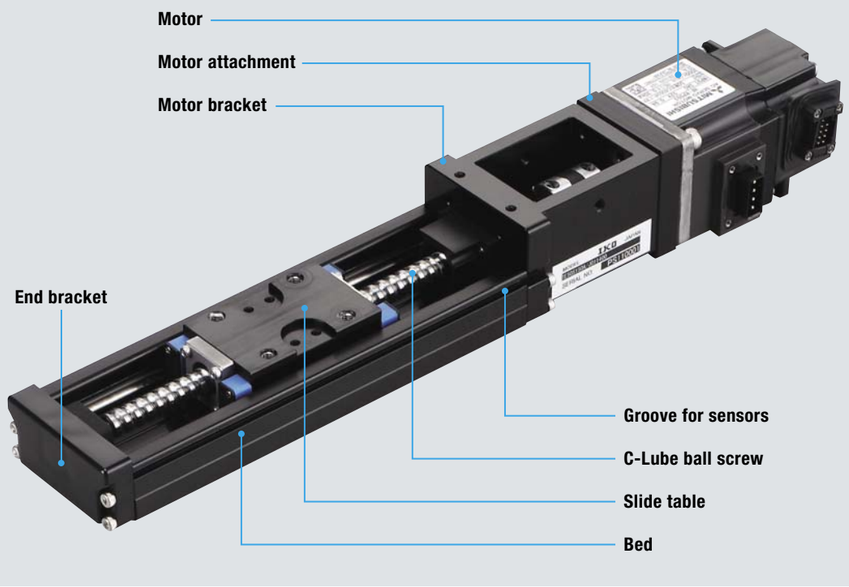
Patent pending

CAT-57182

Precision Positioning Table TE
TE50

Precision Positioning Table TE is a light-weight compact positioning table featuring that its main components are made of high-strength aluminum alloy and the slide table is placed inside a U-shaped bed. Its driving mechanism adopts a precision-ground ball screw to assure high reliability high-precision positioning. A C-Lube lubrication part built in the linear motion tolling guide and the ball screw enables long-term maintenance-free operation. This can reduce your time-consuming for lubrication.

Structure of TE



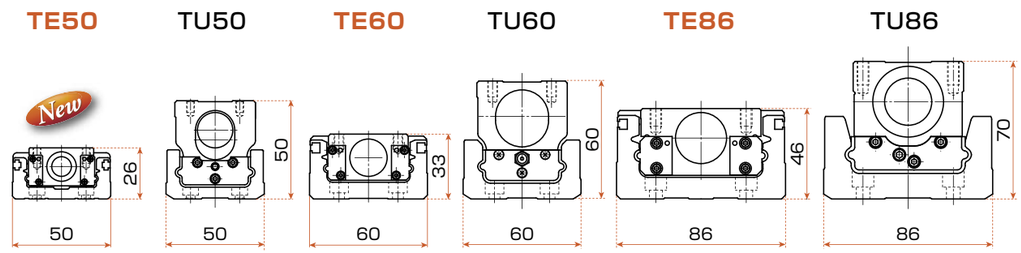
Features

1 Light-weight, Low-cross section, and Compact!

Light-weight and compact positioning table using high-strength aluminum alloy for its main components.
Low cross-section (26 mm high for TE50, 33 mm high for TE60 and 46 mm high for TE86) due to optimum designing of linear guides and ball screws.
No sensor rail for mounting sensors, which contributes to space saving.

Comparison with IKO Precision Positioning Table TU

Sectional height



Mass

Model and size	Stroke length mm	Overall length mm	Mass (1) kg	Mass/100mm kg
New TE50	60	218	0.52	0.24
TU50	60	226	1.8	0.80
TE60	100	269	1.0	0.37
TU60	100	298	3.3	1.11
TE86	300	523	3.7	0.71
TU86	250	498	10.9	2.19

Note (1) The mass of whole table with single slide table is shown. The mass of motor is not included.

2 High positioning accuracy!

Higher precision positioning by one rank due to a combination of IKO unique linear motion rolling guide technology and precision-ground ball screws.

3 Maintenance free!

Long-term maintenance free operation due to IKO unique C-Lube lubrication part built in the linear motion rolling guide and the ball screw. This can reduce labor time for lubrication and increase the reliability of the equipment.

4 Amazing low prices!

Excellent cost performance thanks to adoption of less components and improvement in parts shapes.