



Positioning of heavy loads with minimal force

“Magical slide (PAT.)”

Today we are very pleased to announce the release of ***Magical slide***, a positioning jig for heavy loads. This unique tool works on the principle of simple hydraulic pressure to move heavy loads with only minimal feed force.

So far, a positioning job of heavy load has been depending on workers with sophisticated intuition with long-term experience. The men would hammer the corners of heavy loads to be on the right position.

Magical slide changes that and reduces burden of such a strain job by making it to be a standardized procedure for higher productivity. It can micro-feed heavy loads on an oil film with minimal force bit by bit. Therefore, positioning of heavy loads may be completed even in a stand-alone site and requires only one person.

At the very beginning, please check the video presentation via Youtube:

<https://www.youtube.com/watch?v=KbaXT8pixMU>

Feature:

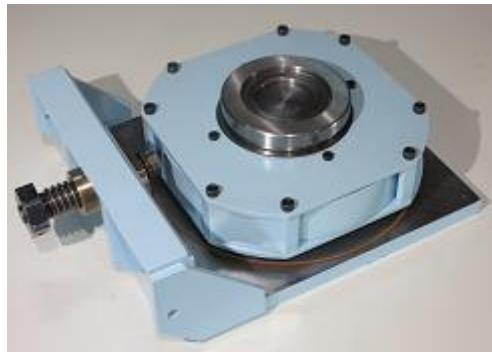
- A maximum load of 220,462lbs (100ton) is able to be supported on the principle of an oil pressure of ***Magical slide***.
- It is a brand-new concept to position heavy loads precisely in 1/100th mm and so a long-expected special tool in the industries of Cast Iron, Steel Engineering, Stamping & pressing dies and molds, Heavy electric machinery, Power plant equipment, Shipbuilding and Aligning production lines in Semi-conductors fab.
- The compactness of this jig makes (weighs only 13 kg) it suitable for a setup work in a confined space and only one person is required.
- No need to be connected to any external supplies and can be used even in a stand-alone job site.
- It is a sealed structure and is, therefore, maintenance-free.
- Positioning of heavy loads was believed not to be rationalized, but will

change to be a standardized work.

- Moving radius is ± 12.5 mm to Omni-directions. It can be moved on a hydraulic film with a small force.
- Contact us for other details, special specifications and dimensions.

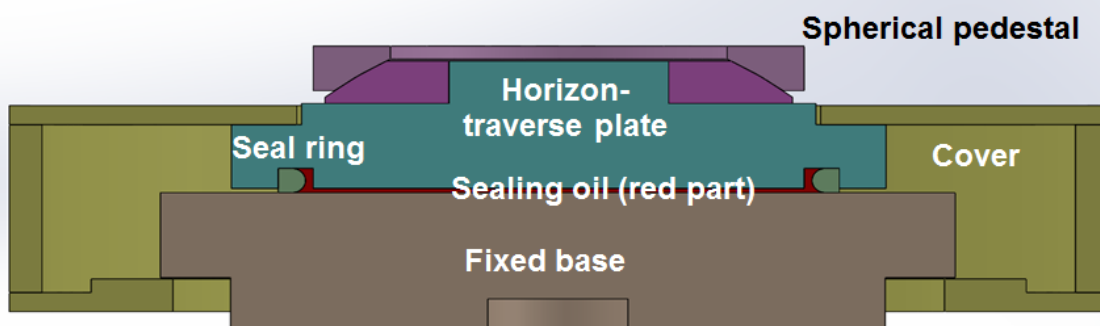
(Major specifications)

Model name & No. :	Magical slide MS-25T (PAT.)
Max. load per unit :	55,115lbs or 25 ton (250KN)
Max. load per 4 corners:	220,462lbs or 100 ton (1,000KN)
Moving radius:	± 12.5 mm (Range : 25 mm)
Moving directions:	360° Omni-direction (Zero returns w/o load)
Product weight:	13kg/ea.
Product size:	205 mm x 205 mm x 66.5 mm



Magical slide w/Side jack

Cross-section of *Magical slide*



Horizon-traverse plate slides on Fixed base through contact with Sealing oil.
Spherical pedestal is subjected to heavy loads securely.



Magical slide is subjected to 40ton weight as demonstration.