Motorised positioning system for dust free loading chute installations. Neatly engineered and compact in size.

The unit enables the outlet to be precisely positioned in any horizontal direction up to a maximum of 500 mm out from the centre point of the loading chute. Vertical positioning is by a conventional lifting/lowering wires arrangement.

A support frame structure is fitted to the standard outlet attachment flange on the base section of the bellow.

The outlet is fed by a hopper which runs in a sliding track way on the underside of the frame. The funnel can be traversed a maximum distance of one meter along the structures length. The beam can also be rotated through 90° to the left and to the right, giving a 360° rotation.

Hopper sealing is maintained through a sealing plate against a sealing surface with automatic wear adjustment. Hopper seals are quickly and easily replaced, while the positioning unit remains completely assembled and installed in its normal operation position.

1. **Product inlet**
   Inlet with Ø300 mm connecting flange, fitting DIN 300 PN 10.

2. **Support frame**
   Manufactured in painted (RAL 9010) mild steel as standard.

3. **End stops**
   Includes 4 electro mechanical limit switches mounted and factory preset. Provides end of travel control and control of the drive motor as well as end of rotation control.

4. **Hopper**
   Hopper with 60° inclination. Running on precision ball bearings.

5. **Outlet**
   Outlet with Ø300 mm with connection flange, fitting DIN 300 PN 10.

6. **Motor for hopper shuttling**
   With direct drive motor 0,18 kW, gear 40:1 ratio –34 rpm.

7. **Connection plinth**
   Factory pre-wired connecting plinth.

8. **Rotation joint**
   The positioning unit rotates up to 360°.

9. **Motor for rotation joint**
   Chain drive motor 0,18 kW, 7 RPM, 100:1 gear ratio.

10. **Vent kit (optional)**
    Includes 100 or 150 mm rubber hose assembly to connect exhaust connection on loading chute to a stationary point on the positioner main support frame.

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**Product Specifications**

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<th>Model</th>
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