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 1000 mm out from the centre point of the chute. Vertical positioning is by a conventional hoisting/lowering wires arrangement.

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

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 two meter along the structures length.

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 Ø400 mm connecting flange, fitting DIN400 PN 10.

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

3. **End stops**
   Includes 2 electro mechanical limit switches mounted and factory preset. Provides end of travel control and control of the drive motor.

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

5. **Outlet**
   Outlet with Ø400 mm with connection flange, fitting DIN 400 PN 10.

6. **Motor for hopper shuttling**
   With direct drive motor 0,25 kW, gear 40:1 ratio –34 rpm.

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

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