

# FLEXPOSITIONER P300HR

## GENERAL

Brand	Cimbria
Designation	Moduflex Flexpositioner
Model	P300HR
Use	Designed for dust-free out-loading of dry bulk material.



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 bellow. Vertical positioning is by a conventional lifting/lowering wires arrangement.

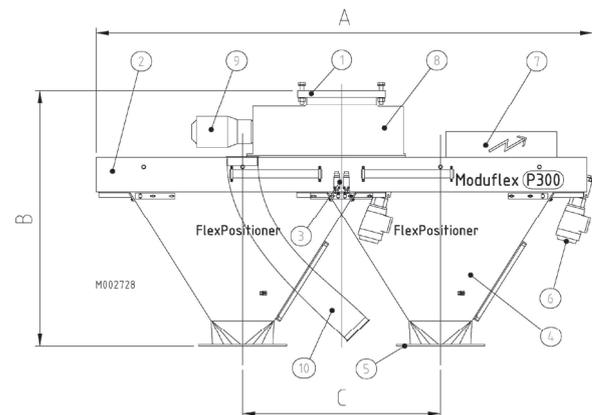
A support frame structure is fitted to the standard outlet attachment flange on the base section of the bellow.

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 two 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.

- Product inlet**  
Inlet with Ø300 mm connecting flange, fitting DIN300 PN 10.
- Support frame**  
Manufactured in painted (RAL 9010) mild steel as standard.
- End stops**  
Includes 4 electro mechanical limit switches mounted and factory preset. Provides end of travel control and control of the drive motor.
- Hopper**  
Hopper with 60° inclination. Running on precision ball bearings.
- Outlet**  
Outlet with Ø300 mm with connection flange, fitting DIN 300 PN 10.
- Motor for hopper shuttling**  
With direct drive motor 0,18 kW, gear 40:1 ratio –34 rpm.
- Connection plinth**  
Factory pre-wired connecting plinth.

- Rotation joint**  
The positioning unit rotates up to 360°.
- Motor for rotation joint**  
Chain drive motor 0,18 kW, 7 RPM, 100:1 gear ratio.
- 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.



	P300HR-1000
A	2 509
B	1 287
C	1 000

