

OUR BUSINESS SECTORS



- Mines • Quarries, Sand pits, lime, gypsum • Cement plant • Tiles plant • Steel plant • Road construction • Glasswork • Fertilizer • Chemical industry • Plastic industry • Wood industry • Agro-industry • Animal feed • Cereals, grain • Port installations • Environment...

SERVICE, QUALITY AND PROXIMITY

- PRECIA-MOLEN offers complete and rapid services while guaranteeing compliance with regulations thanks to its technicians throughout the world.
- Our support desk operates 24 hours a day to ensure a rapid response to requests for service.
- Wherever you are in the world, our service teams are always at your disposal.

WITH MORE THAN
40 AGENTS
IN THE WORLD

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Precia Molen reserves the right to alter the description of the equipment depicted in this sheet at any time.

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**PRECIA
MOLEN™**
WORLDWIDE WEIGHING

WWW.PRECIAMOLEN.COM



CONTINUOUS DOSING INFRASTRUCTURES

Gravimetric dosing



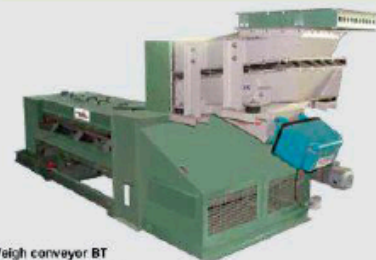
MD



VD



VD



Weigh conveyor BT with vibrating feeder



XKP



Weigh feeder with spillage collector



WBF



LW



LW



Combination of XKV belt feeder and TD slide gate

Our feeders range covers flow rates from 100 kg/h up to 1200 t/h, on both volumetric or gravimetric version depending on the destination. Volumetric when only looking for the flow rate value or gravimetric when a high accuracy is required for totalizing the delivered quantity. The classical range of weigh belt feeder including a belt scale is complemented by different types of feeder: Loss in weight feeder including a weigh hopper on load cells, screw feeder for tight circuit where a screw conveyor replace the belt conveyor, combo including a vibrating feeder and a weigh conveyor to keep a good accuracy when a separate extraction is compulsory.

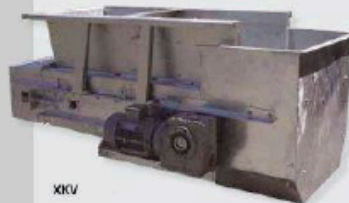
ACCURACY :

The operating accuracy accessible for a gravimetric feeder is +/- 0.5 % of the passing flow, according to the dosing infrastructure chosen, technical constraints of the installation and conditions of use. For a volumetric feeding, the accuracy is +/- 1 to 3 % of the passing flow, following the same conditions above.

MODELS :

- The XKV** is a volumetric belt extractor, in hot galvanized steel with an accuracy from +/- 1 to 3 % depending on the flow characteristics of the product to be extracted.
 - The TD** is a volumetric dosing hatch with a metal sheet welded frame, in hot-dip galvanized S235JR grade steel. The accuracy is from +/- 2 to 3 %.
 - The XKP** is a gravimetric belt extractor in hot galvanized steel including a weighing framework to ensure the weigh-based function. The accuracy is from +/- 0.5 to 1 %.
 - The LW** is an extractor-feed including a cylindrical-conical shaped reception hopper with 3 gussets for attachment of cells for an accuracy from +/- 0.5 to 1 %.
 - The WBF** is a gravimetric belt feeder with a metal sheet welded frame offering an accuracy from +/- 0.25 to 1 % according to the application.
 - The BT** is a fully-weighed belt conveyor with an accuracy from +/- 0.25, 0.50 or 1 % according to the model.
 - The VD** is a fully-weighed screw conveyor with an accuracy from +/- 1 to 2 % according to the product to be dosed.
 - The MD** is a belt conveyor with a width < 1000 mm, fitted with a weighing roller for an accuracy from +/- 0.5 to 1 %.
- OPTIONS** special paint, Stainless steel 304 L / 316 L, hot galvanisation, tailor-made feeders, ATEX, machined rollers...

Volumetric dosing



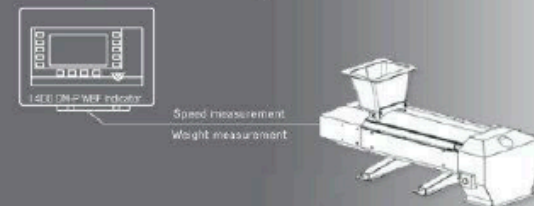
XKV



TD

1400 WBF SYSTEM

Single-channel diagram



1400 DM-S WBF Indicator



AI field bus interface



1400 D-P WBF terminal



1400 TB WBF transmitter



Remote CAN module

Multi-channel diagram

