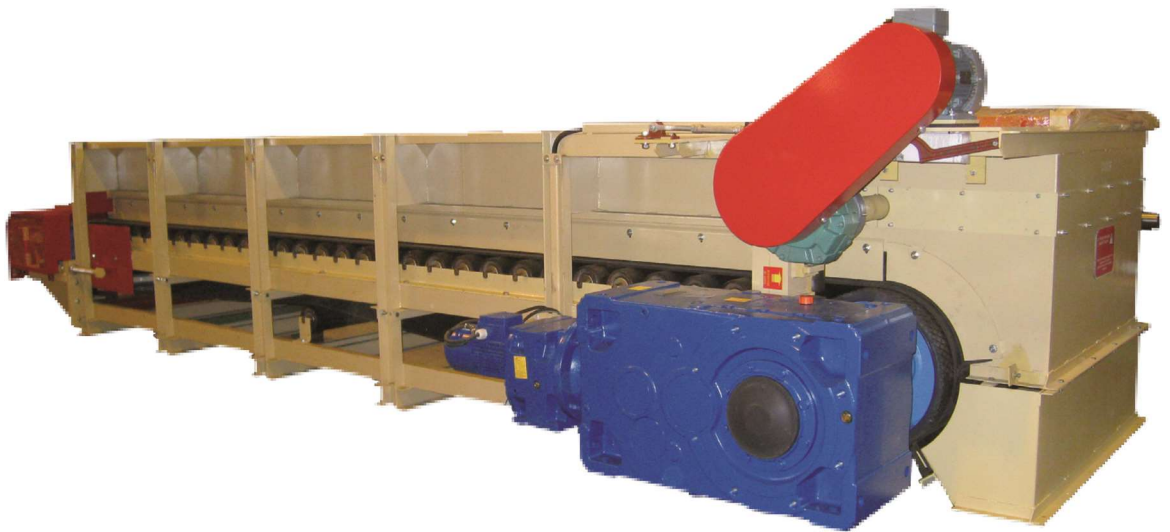


Distribution Appportioning Feeding
HORIZONTAL RUBBER BELT BOX FEEDER
DBC Type

PELERIN
 Preparation et Fabrication



THE HORIZONTAL RUBBER BELT BOX FEEDER ENSURES THE STORAGE AND APPORTIONING OF CLAYS WITH A FINE GRADING.

It is mainly made up of :

- A metallic box for clays collection and storage.
- **A rubber belt to convey the clays to the chippers, ensuring the control and the dosing.**

Technical Characteristics - Example DBC12.55M

Useful length	5,500 meters
Useful width at the exit	1,200 meters
Rubber belt's width	1,400 meters
Maximum outflow	50 m ³ /h
Apron's installed power	According to flow rate
Chippers' installed power	4 kW
Feeder's net unitary weight	4 900 kg
Apron's drive	Geared motor
Chippers' drive	Geared motor and belts

Technical Specification

- **Highly sturdy loading box made of bent sheet metals.**

Collection belt made of a rubber strip built on a roller table.

- **Tightness between the box and the rubber strip is ensured by rubber sealing strips maintained by ribbed and steel sheet blades.**

Collection belt drive by geared motor with parallel axis and forced ventilation for control by a frequency inverter.

- **Chipper drive by geared motor with pulleys and belts.**

Helical type chipper allowing a regular and smooth supply.

- **Pre-wiring and connection box.**

Options

- Metallic collection hopper.
- **Level indicators inside the hopper.**

Range

Type	Centre distance drum (m)	Installed power (kW)	Maxi Flowrate (m ³ /h)	Useful width (m)	Total Weight (kg)
DBC10.35M	3,500	3 + 4	40	1,000	2 500
DBC10.45M	4,500	3 + 4	40	1,000	2 900
DBC10.55M	5,500	3 + 4	40	1,000	3 300
DBC12.35M	3,500	3 + 4	50	1,200	2 800
DBC12.55M	5,500	3 + 4	50	1,200	4 900
DBC12.65F	6,500	4 + 5.5	60	1,200	7 300