



The purpose of the **PETKUS Belt Conveyors RB 500/ RB 650 / RB 800** is to horizontally transport homogeneous granular bulky products, e.g. grain, pulses and oil seeds.

#### Advantages:

- Homogeneous and gentle transport
- Modular design through duct lengths of 2000 mm, 2500 mm and 3000 mm

#### Description:

The transport of the product is usually carried out from the tensioning station to the drive station.

The product is moved from the inlet onto the roller belt and transported to the outlet on the conveying belt. The conveying belt runs on rollers.

The conveying belt is driven over a driving drum by the drive motor of the drive station. The conveying belt is tensioned on the opposite side by the tensioning station.

#### Construction:

The roller belt conveyor consists of a drive and a tensioning station, rollers conveying belt as well as the inlet and the outlet.

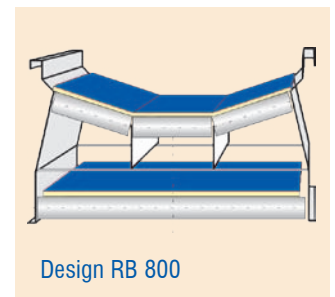
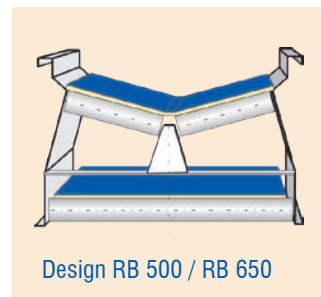
The drive is operated with a gear motor.

#### Standard Equipment:

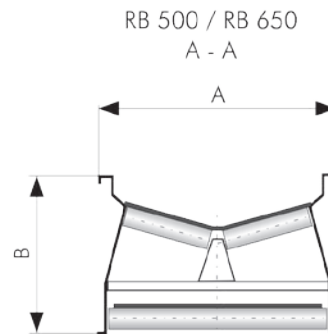
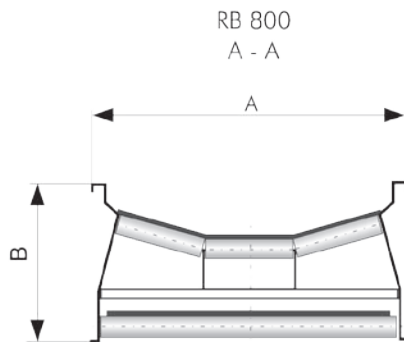
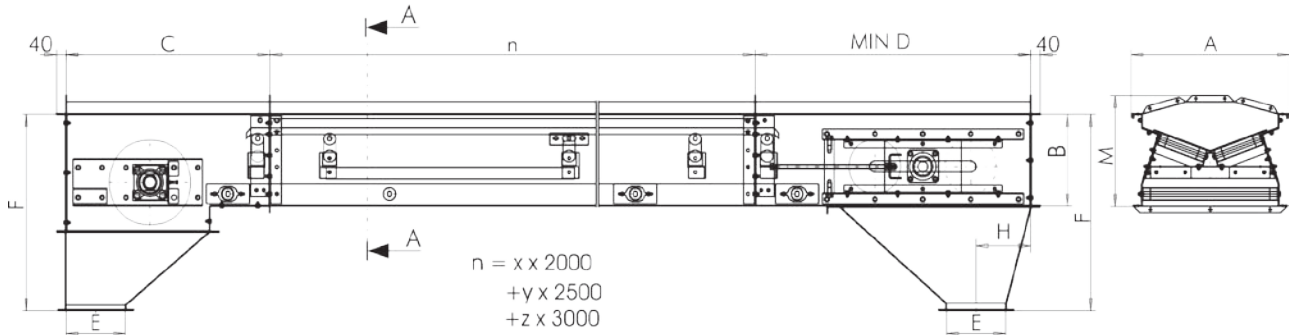
- Model in galvanized sheet steel
- Drive station with electric motor
- Tensioning Station
- Oil and grease resistant conveying belt
- One inlet and outlet each

#### Options:

- Speed monitoring
- Belt cover top / bottom
- Aspiration connection for dedusting
- Outlet hopper with a magnetic separator
- Curved sections 20°



# Belt conveyor RB 500 / RB 650 / RB 800



	Belt width	A	B	C	D	E	F	G	H	K	M
RB 500	500	660	370	850	1150	250	790	100-200	125	1400	600
RB 650	650	800	350	1000	1300	250	790	150-250	125	1550	750
RB 800	800	940	410	1150	1350	300	990	150-300	125	1550	750

Type			Belt speed	Transport rolls			Back rolls	
	m <sup>3</sup> /h	t/h 0,75t/m <sup>2</sup>	m/s		Diameter mm	Distance mm	Diameter mm	Distance mm
RB 500	80	60	1,5	2 Rollen 20°	51	1000	51	2000
RB 650	134	100	1,5	2 Rollen 20°	51	1000	51	2000
RB 800	200	150	1,5	2 Rollen 20°	63,5	1000	63,5	2000

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