

P-Type rubber blade RAZOR BACK BELT CLEANERS

This cleaner has a rubber cartridge with a sintered tungsten carbide tip, which facilitates the replacement of the cleaning system blade and provides a longer life for the belt. Fast blade replacement minimizes maintenance and repair costs. The model can come in two presentations according to customer requirements: Type 1 with cartridge lengths of 100 mm (4 in) and 200 mm (8 in); and Type 2 with 400 mm (16 in). The models use rubber tensioners that maintain a constant pressure between the blade and the belt, ensuring the removal of fine grain material.

It is used in belts of widths less than 3000 mm (120 in), speeds up to 6.1 m/s (1200 FPM) and temperatures between -28 ° / 204 ° C (-20 ° / 400 ° F).

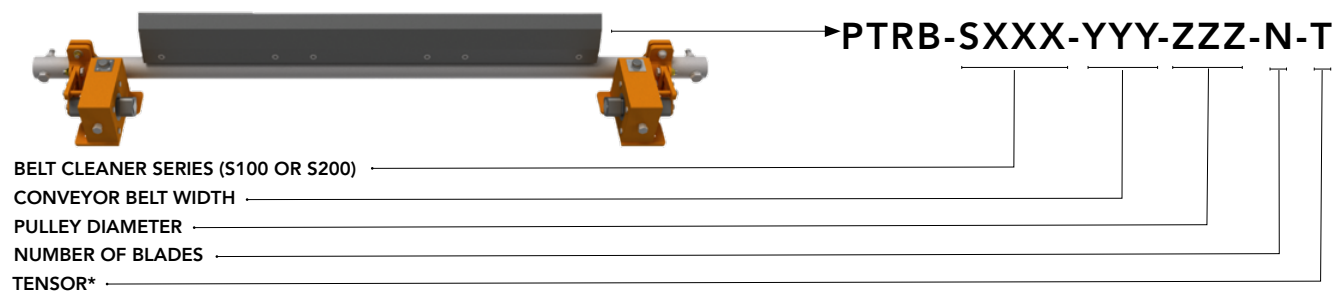
SELECTION GUIDE

For the proper selection of a P-type rubber blade, the following data is required:

- . Belt width.
- . Head pulley diameter.
- . Speed of the conveyor belt.
- . Type of bulk material.
- . Operating temperature.

Once the data of the belt conveyor has been collected, proceed as follows:

1. The type of blade is chosen according to the characteristics of the conveyor (See Figure 3)
2. According to the selected blade and belt width, the number of blades required is specified (See Table 4)



* See section Tensioners Devices for coding of available tensioners. If you wish to receive help in the selection, you can consult the Technical Department of LUFH-CBS.

Figure 3. Type of P rubber blades

			
	S100-LD	S200-MD	S400-HD
LENGTH mm (in)	100 (4)	200 (8)	400 (16)
TIP THICKNESS mm (in)	3 (0,2)	3 (0,12)	4 (0,40)
BELT WIDTH mm (in)	<3000 (<120)	<3000 (<120)	<3000 (<120)
MAXIMIM BELT SPEED, m/s (FSP)	6,1 (1200)	6,1 (1200)	6,1 (1200)
TEMPERATURE RANGE	-28°/204°C (-20/400°F)	-28°/204°C (-20/400°F)	-28°/204°C (-20/400°F)

Table 4. Selection guide to determine the number of P rubber blades required

Belt width mm (in)	S100-LD	S200-MD	S400-HD
400 (16)	4	N/A	N/A
500 (20)	5	N/A	N/A
650 (26)	7	N/A	N/A
800 (32)	8	4	2
1000 (40)	10	5	2.5
1200 (48)	12	6	3
1400 (56)	14	7	3.5
1600 (64)	16	8	4
1800 (72)	18	9	4.5
2000 (80)	20	10	5
2200 (88)	22	11	5.5
2400 (96)	24	12	6