



MAFERDI RUBBER®



RACLO FLEX SW

Raclo**Flex**  Sw

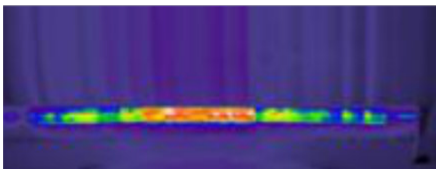
Belt scraper
Auto-adaptative curved
mono-blade secondary belt scraper

WHY CHOOSE THE RACLOFLEX SW ?

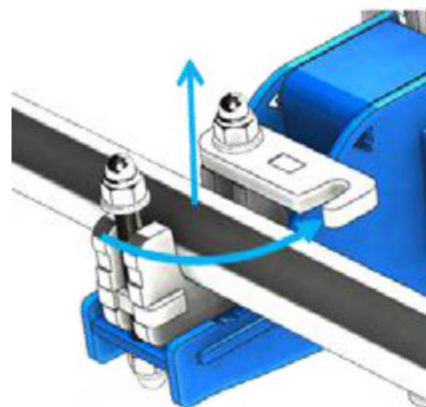
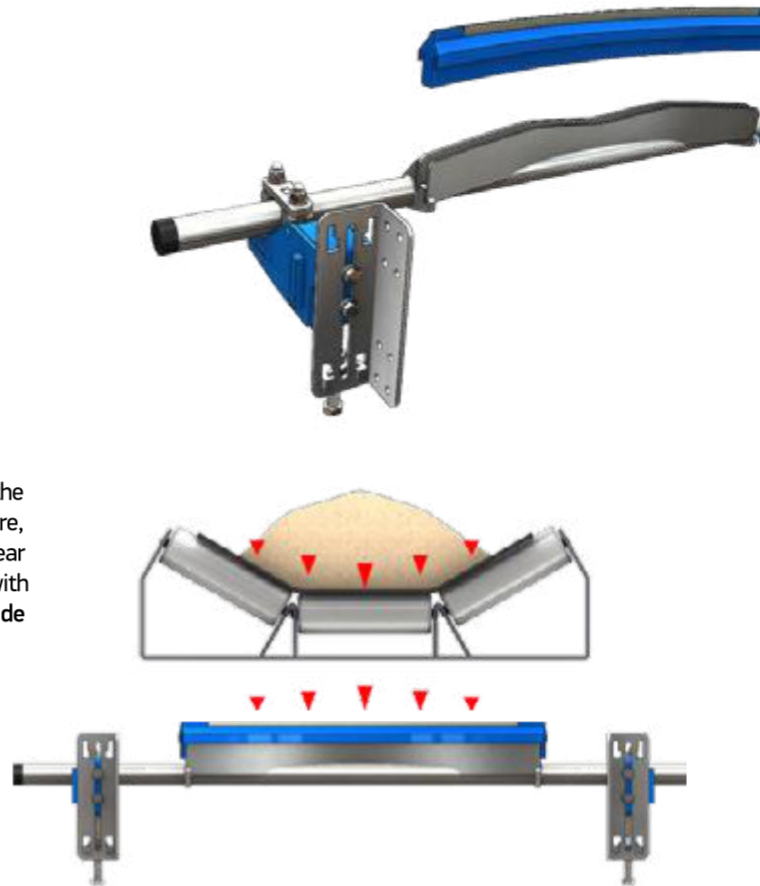
A unique and innovative scraper

An ingenious system that adapts to your belt

The **RacloFlex Sw** has a blade with two inserts that transfers the lateral external pressures to an increased central pressure. Therefore, the scraper adapts automatically and compensates its wear continuously. This guarantees maximum efficiency and lifetime, with minimum maintenance. Standard features includes tungsten carbide 3x15mm high quality 93 HRa.



Thermal imaging system for scraping pressure



ADVANTAGES

Easy installation

Longer lifespan

Anti-clogging design

Minimum maintenance

Fast opening bearing

Easy and compact

Galvanised metal parts

» Very high cleaning performance

» Curved blade attached without adjustment

» Very few screws

» Retractable pressure rod

» Solid mechanism for a reasonable weight

» Graduated shock absorbers, with cogs and non-return

OPTIONS, ACCESSORIES AND VERSIONS



Pulling pressure

Allows the Scraper pressure to be adjusted from above and within the location angle.



Adjusting bracket

Enables you to cut and weld the support tube to reposition the blade with respect to the support mounts.



Special «MultiTool key»

Performs all the necessary functions for the manipulation and settings of the scraper.

General information for the RacloFlex Sw

Blade Quality:

Tungsten Carbide : 93 HRA 3x15mm
Or- Tungsten Carbide : 93 HRA 5x20mm
Or- Impact Carbide : 66 HRA 5x10mm
Or- Wear resistant Polyurethane : 25mm³ svt DIN53516-10N

Working position:

Scraping angle = 90° (see notice)
« spoon » blades and front shock absorbers

Surface treatment:

All electro-galvanized steel pieces or painted + A2 grade Stainless bolts

Temperature:

0° / + 50° C

pH Range:

3 to 11

Maximum speed:

SW 1 way = 3 m/s
SW -HD 1 way = 5 m/s

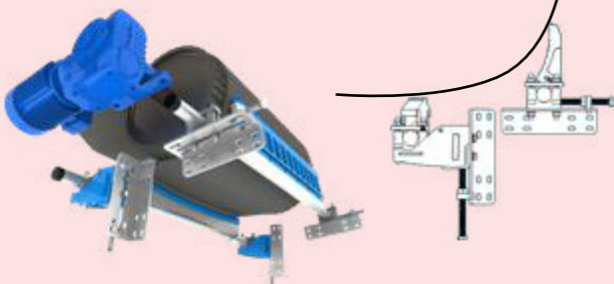
Avoid exposure to:

Impact and staples on tungsten carbide and ceramic
Hot water steam : special quality available
Corrosive atmosphere : Stainless Steel is possible on all or part
Uncontrolled fouling on entire scraper

Belt, mm	400	500	650	800	1000	1200	1400	1600	1800	2000	2200
Scraping width SW, mm	400	500	630	750	950	1150	1300				
Tungsten width SW, mm	315	395	520	640	800	960	1120				
Scraping width SW-HD, mm					950	1150	1300	1500	1700	1900	2100
Tungsten width SW-HD, mm					840	1040	1200	1400	1600	1800	2000

For any request of a scraper to suit greater than 2200 mm belt, the scraper will be manufactured to order.

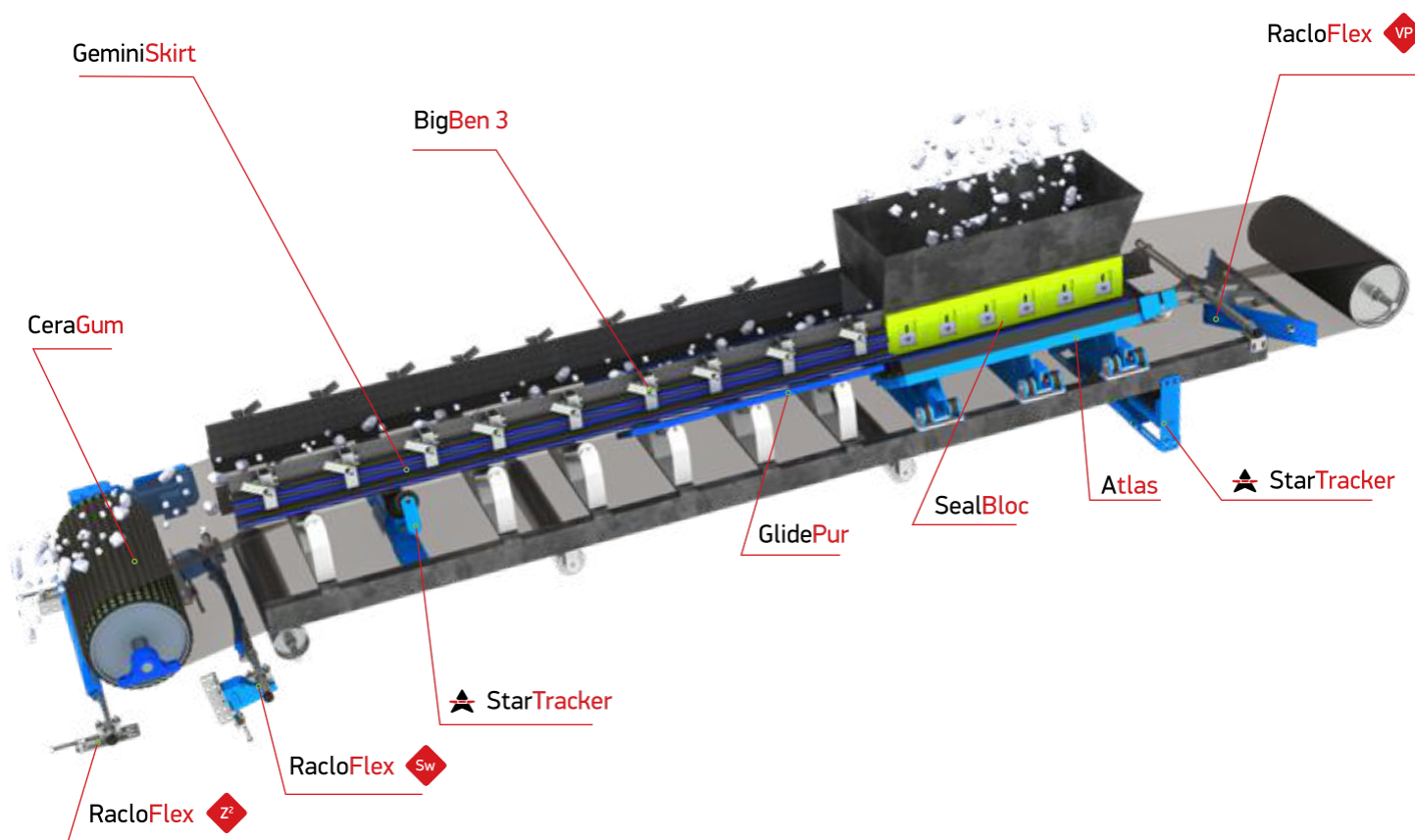
Typical application of RacloFlex Z² in conjunction with a Primary Scraper



RacloFlex Sw-HD



Heavy version **RacloFlex Sw HD** recommended for belts from 1400 to 2200 : Tungsten carbide 5x20, big flexible profiles and reinforced mechanism.





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