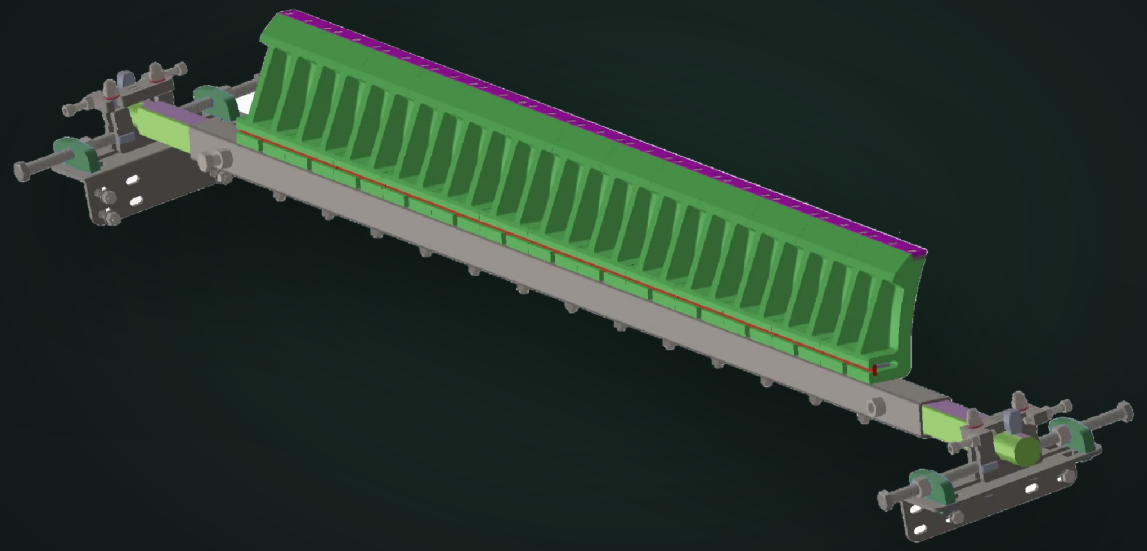
Product catalogue 2026

Belt cleaning and tracking

Scrapers and a tracking idler for the head pulley and the return strand: 4 products, with their technical values and their place on the conveyor line.



01 Primary Belt Scraper p. 05

02 Secondary Belt Scraper p. 07

03 V-Plough Scraper p. 09

04 Three-Roll Tracking Idler p. 11

From Switzerland to Türkiye, since 1977

Airform was founded in Switzerland by A. Kerim Erkan as AirGomm Förderband und Förderanlage, and has operated in Türkiye as Air-Form Konveyör Bant San. Tic. Ltd. Şti. since 1977. Our founder's experience and research remain the basis of our work today.

We supply conveyor belts, belt scrapers, skirt sealing, belt splicing and repair products for heavy and light industry. Our technical team selects products to suit your line dimensions and the material carried.

1977
Start of operations in Türkiye

49
years of experience

8
product groups

4
services: survey, installation, training, lagging



Why Airform?

Products, installation and technical support to keep conveyor lines running in heavy and light industry.

01

Durable build

Long-lived designs made for hard working conditions.

02

High performance

Thorough cleaning lengthens the life of the belt and the equipment.

03

Easy installation

Modular builds install quickly and simply.

04

Long service life

Wear-resistant materials for long use.

05

Low running cost

Less maintenance, more efficiency.

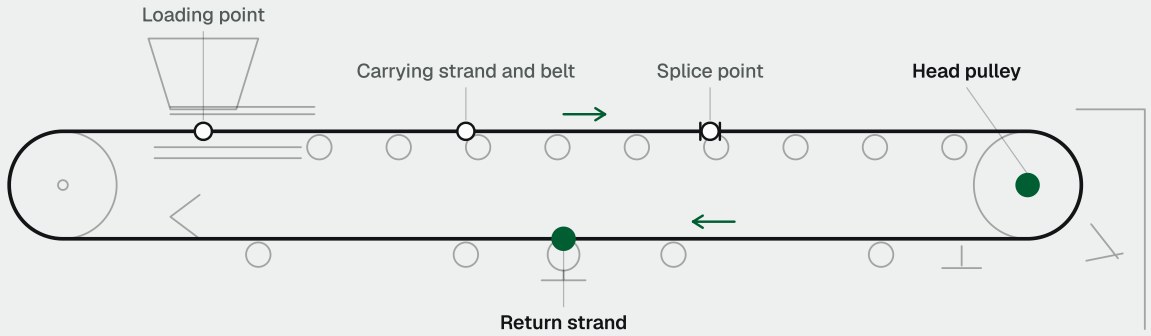
Industries

Where our products work

Quarries · Mining · Cement · Iron and steel · Aggregates · Ports · Power plants · Recycling · Energy

Where on the line?

A conveyor line has five sections, from the loading point to the return strand. The products in this catalogue work in the marked ones.



● Sections of this catalogue ○ Other sections of the line

1 Head pulley

If it is not cleaned off, material stuck to the belt is carried onto the return strand, gets into the pulleys and wears the pulley surface.



Primary Belt Scraper
First cleaning at the head pulley
p. 05



Secondary Belt Scraper
Second cleaning for fine particles
p. 07

2 Return strand

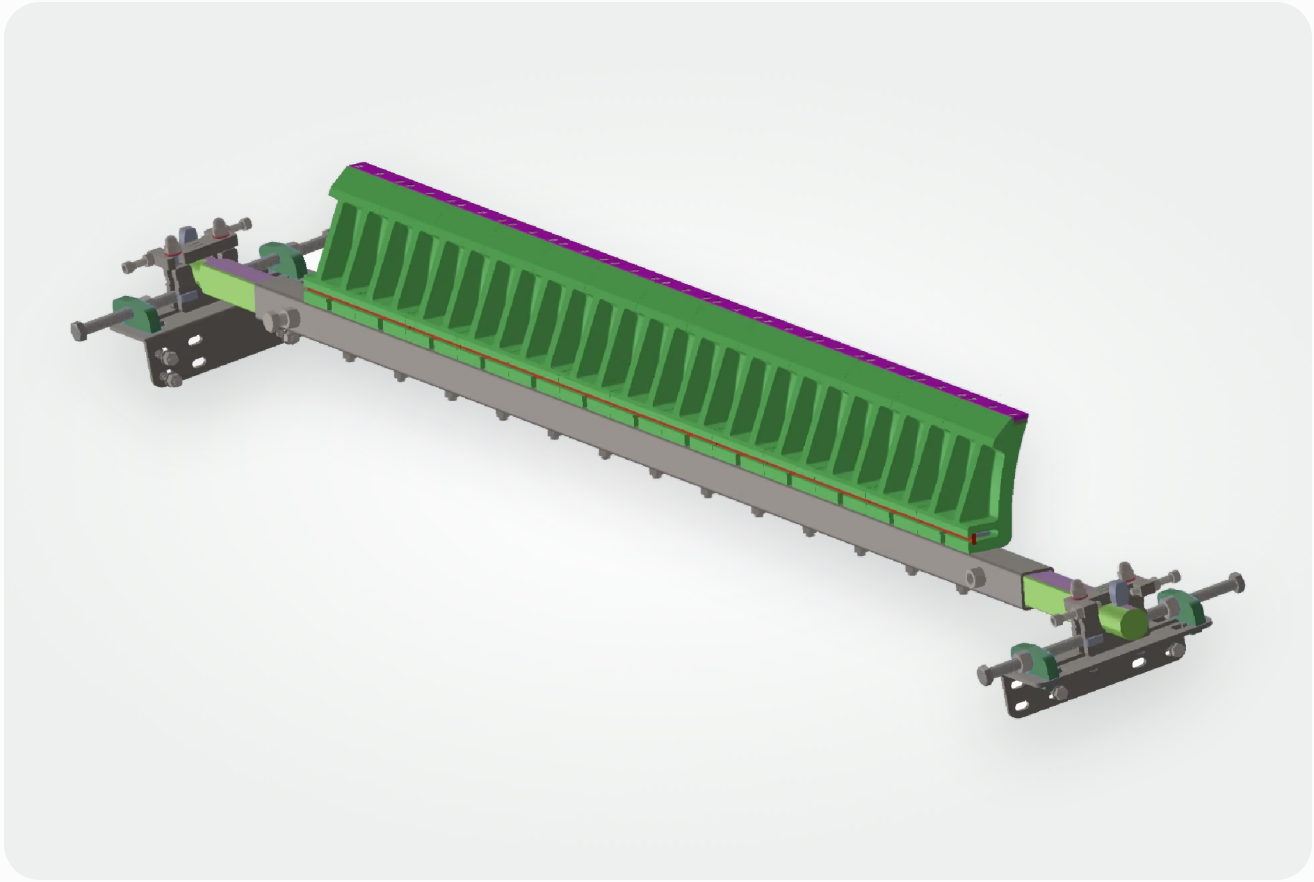
Mistracking (the belt running off to one side) damages the belt edges; material that falls onto the inner face of the return belt can get into the tail pulley and idlers.



V-Plough Scraper
Moves material aside on the return strand
p. 09



Three-Roll Tracking Idler
Three-roll frame with rubber rings
p. 11



First cleaning at the head pulley

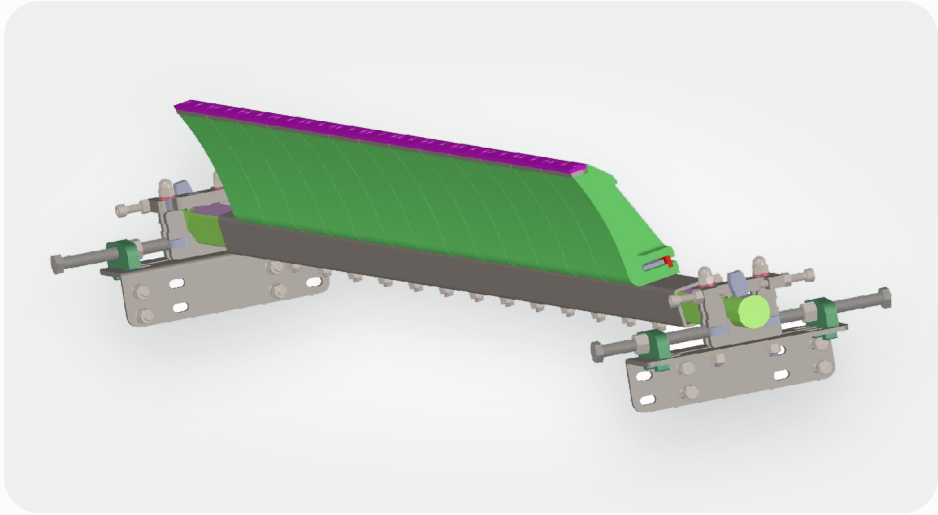
Primary Belt Scraper

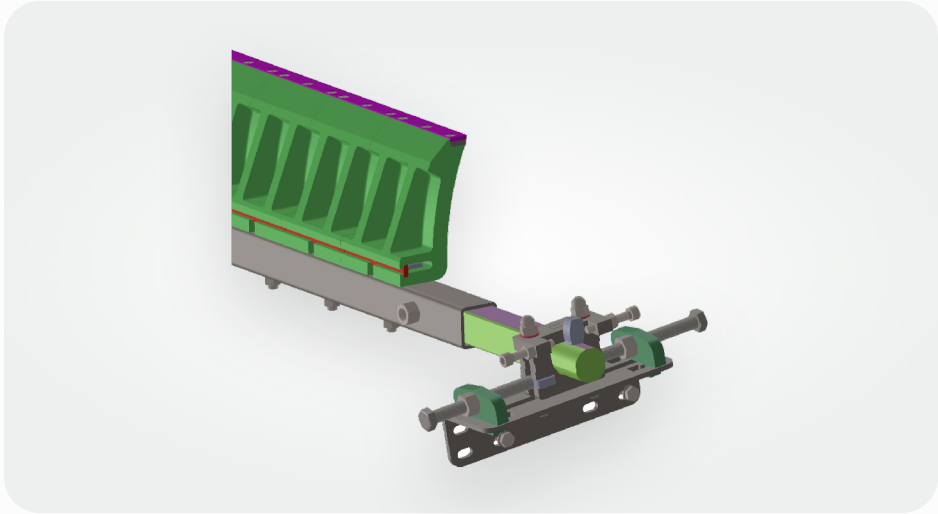
The primary scraper carries out the first cleaning at the head pulley, where the belt discharges, and removes the large pieces stuck to the belt surface.

Position	Head pulley, material discharge point
Cleaning stage	First stage (primary)
Construction	Segmented body, row of tips, carrier profile, tensioning arrangement on each side
Selection criteria	Material type, working conditions, belt speed and width

Place on the line: **Head pulley**

Product page: airform.com.tr/en/products/belt-scrapers/primary-scraper/





Primary Belt Scraper

How it is built

- ✓ Multi-blade design
- ✓ Automatic wear compensation
- ✓ Constant contact with the belt
- ✓ Quick, easy blade change

First cleaning stage

The primary scraper removes large pieces at the head pulley, leaving mainly fine particles for the next stage.

Segmented body

The body is made of segments: a worn segment is replaced on its own, not the whole blade.

Row of tips

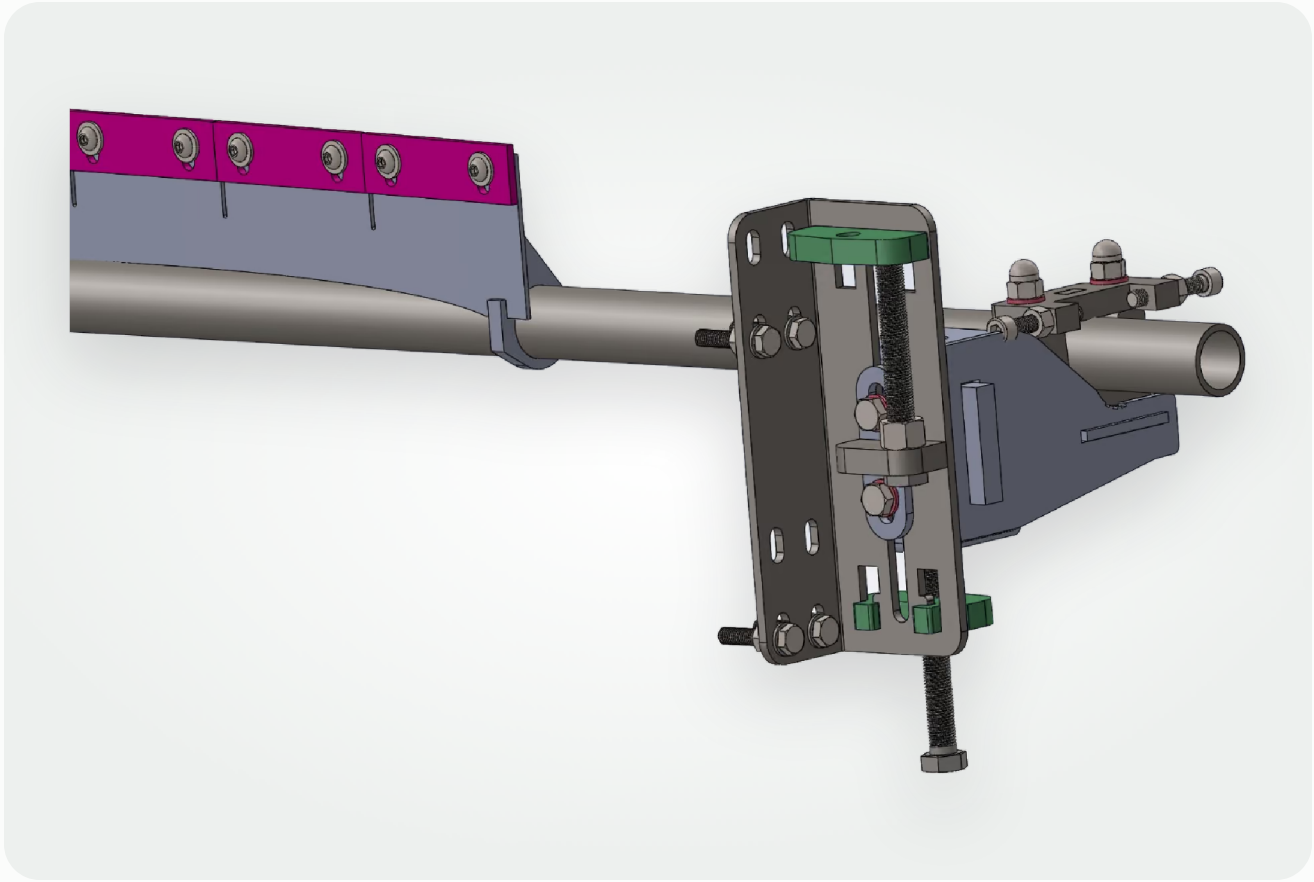
The tips that bear on the belt are set in a row, so cleaning covers the belt width.

Tensioning on each side

The tensioning arrangement on each side presses the scraper against the belt and allows the contact pressure to be adjusted.

By belt width

Belt width, mm	400	500	650	800	1000	1200	1400	1600	1800	2000
Scraping width, mm	378	504	630	756	882	1134	1260	1512	1638	1890
Number of blades	3	4	5	6	7	9	10	12	13	15



Second cleaning for fine particles

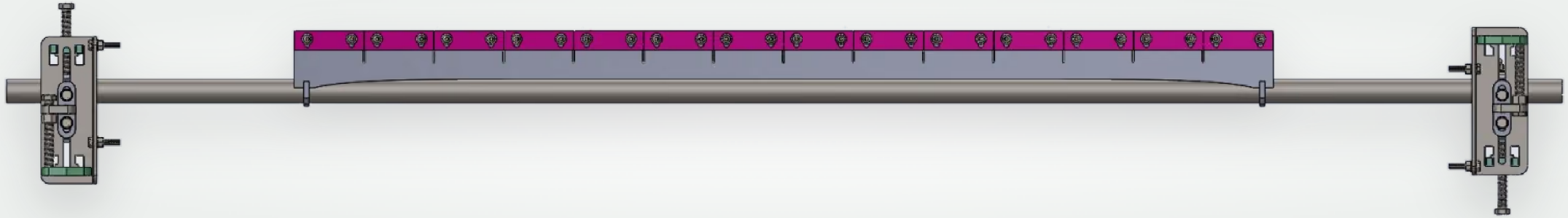
Secondary Belt Scraper

The secondary scraper carries out the second cleaning after the primary scraper and removes the fine particles the primary leaves on the belt surface.

Position	Head pulley, after the primary scraper
Cleaning stage	Second stage (secondary)
Construction	Row of lamellas on a pipe carrier, adjustable mounting plate on each side
Selection criteria	Material type, working conditions, belt speed and width

Place on the line: **Head pulley**

Product page: airform.com.tr/en/products/belt-scrapers/secondary-scraper/



Secondary Belt Scraper

How it is built

- ✓ Effective belt cleaning
- ✓ Modular, adjustable build
- ✓ High durability
- ✓ Works in step with the belt
- ✓ Easy maintenance and part change
- ✓ A protective build that reduces clogging and wear
- ✓ Fits different belt widths

Second cleaning stage

The secondary scraper works after the primary scraper and removes the fine particles the primary leaves.

Lamellas on a pipe carrier

The lamellas are fixed in a row to a pipe carrier, so cleaning covers the belt width.

Adjustable mounting plates

The adjustable mounting plates on each side allow the position of the scraper relative to the belt to be set.

Protection against fine material

Because fine particles are removed from the belt surface, the wear they cause is reduced.

Applications

Cleaning after the primary scraper

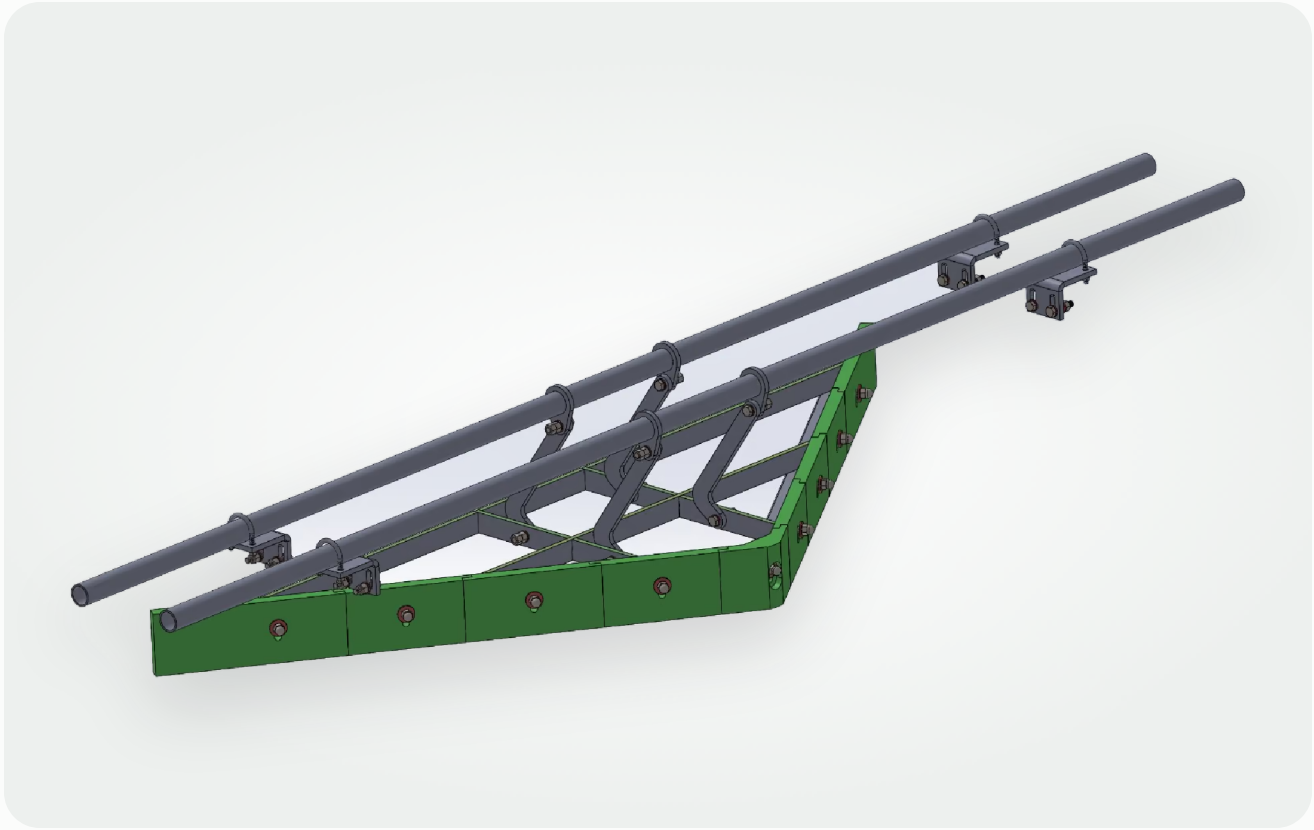
The secondary scraper is used at the head pulley for the second cleaning stage, after the primary scraper.

Lines with fine residue

On lines where fine particles remain on the belt surface, the secondary scraper reduces the wear they cause.

Reducing carryback

The secondary scraper helps reduce the material stuck to the belt that is carried onto the return strand and into the pulleys.



Moves material aside on the return strand

V-Plough Scraper

The V-plough scraper directs material that falls onto the inner face of the return belt over the edge, keeping it out of the tail pulley and idlers.

Position	Return strand, inner face of the belt
Construction	V-shaped lamella body, carrier frame, two carrier pipes
Selection criteria	Material type, working conditions, belt speed and width

Place on the line: **Return strand**

Product page: airform.com.tr/en/products/belt-scrapers/v-plough-scraper/



V-Plough Scraper

How it is built

- ✓ Polyurethane scraper blades
- ✓ Interlocking, reversible modular build
- ✓ Adjustable design
- ✓ Easy installation

V-shaped lamella body

The V-shaped body splits material from the middle of the belt towards both edges and takes it off the belt.

Position on the return strand

The V-plough scraper works on the inner face of the belt on the return strand and removes material before it reaches the tail pulley.

Frame and carrier pipes

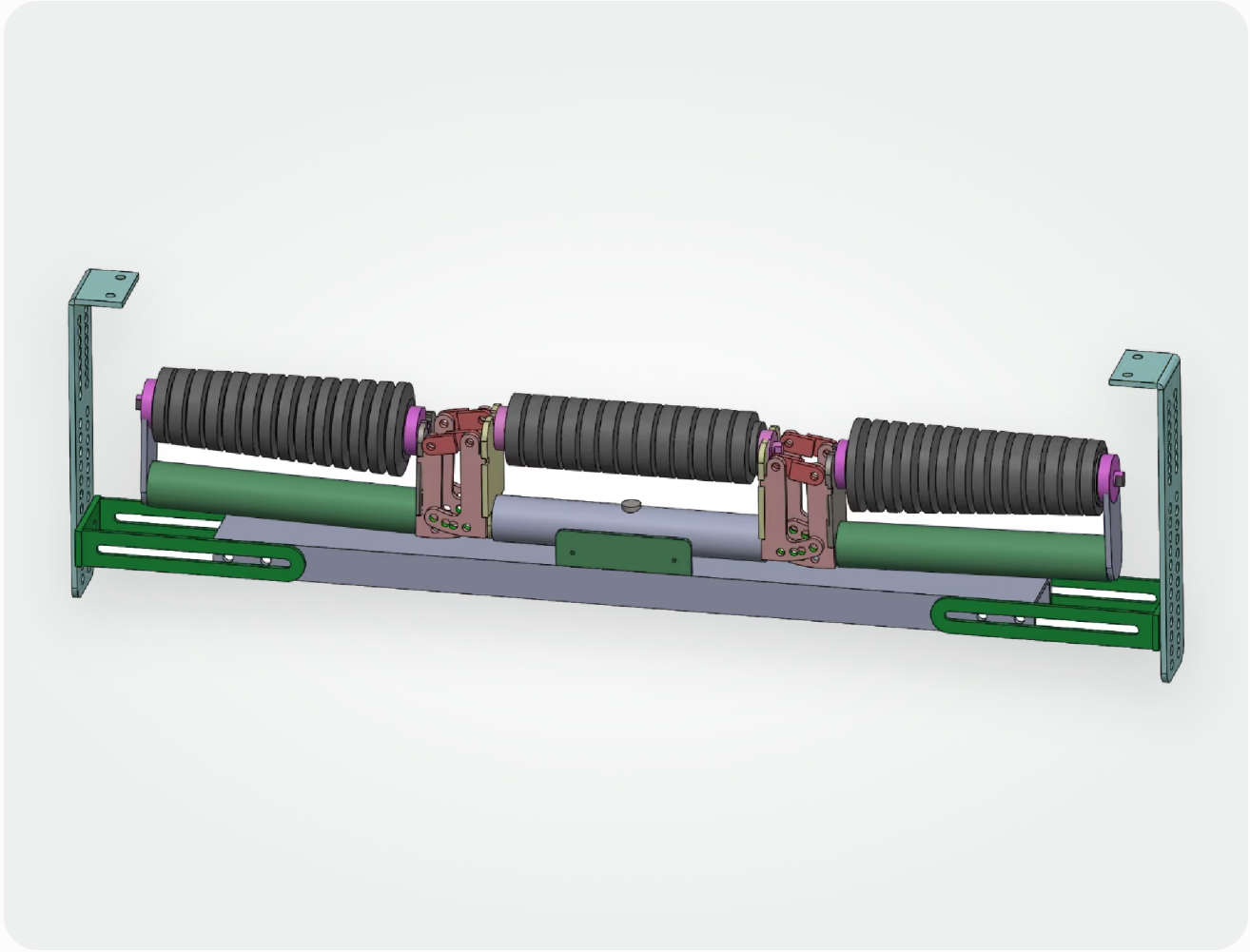
A frame carrying the body and two carrier pipes make up the construction.

Pulley and idler protection

Because material does not get into the tail pulley and the idlers, material is not trapped between the belt and the pulley.

Working conditions

Working temperature	pH range	Belt width
−10 °C to +50 °C	3 to 11	500 to 2200 mm



Three-roll frame with rubber rings

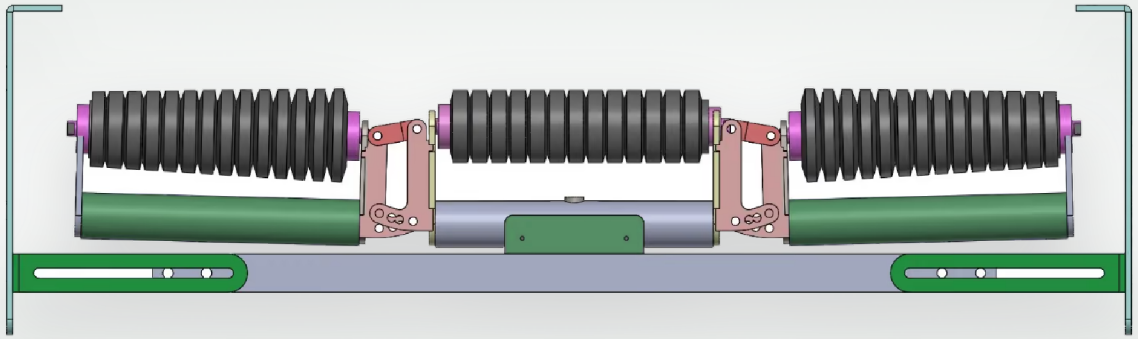
Three-Roll Tracking Idler

The three-roll tracking idler consists of three rubber-ringed rollers, side mounting brackets and a carrier body that is adjustable in length. It keeps the belt running in the centre and steers it back when it drifts to either side.

Number of rollers	3
Roller surface	Rubber rings
Roller mounting	Articulated links
Body	Carrier body adjustable in length
Mounting	Side mounting brackets
Technical data	Determined for the line

Place on the line: **Return strand**

Product page: airform.com.tr/en/products/idlers-rollers/three-roll-tracker/



Three-Roll Tracking Idler

How it is built

- ✓ Prevents edge wear
- ✓ Less spillage
- ✓ Prevents belt tearing
- ✓ Automatic alignment
- ✓ Long life

Three rubber-ringed rollers

The frame carries three carrying rollers with rubber rings.

Articulated links

The rollers are carried on articulated links.

Adjustable body

The carrier body is adjustable in length, so the frame is set to the mounting dimension on the line.

Side mounting brackets

The frame has side mounting brackets.

Where does it go?

1. On the return strand
2. At intervals along the carrying strand
3. Near the feed zone
4. At the problem spot

From choosing the products to putting them to work

We supply our products together with site survey, installation, training and pulley lagging services.

01

Site survey

Our team inspects the conveyor systems at your plant on site, assesses their condition and identifies the areas that need work and possible problems.

02

On-site installation

Our team comes to your plant, installs the equipment and commissions the products. The installation is planned to keep the downtime on your line short.

03

Training

We train your staff on the installation, adjustment and maintenance of the products. The training helps your team set up and use the products correctly.

04

Pulley and ceramic lagging

Our lagging service increases the wear resistance of pulleys and conveyor systems and reduces ongoing maintenance needs and costs.

Request process

How your request goes

1

Request

You fill in the form.

2

Review

Our technical team reviews your line details.

3

Survey

If needed, we inspect your line on site.

4

Quote

We send the suitable model and the quote.

The right product for your line

Our technical team selects products to suit your line dimensions and the material carried. Contact us for a quote or a site survey.

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