AirScrape®



AIRSCRAPE®

Developed, patented and manufactured in Germany to highest quality, safety and environmental standards.

Dust-Free & Unique Contactless Skirting for Critical Transfer Points.

AirScrape® is a highly effective contact-free conveyor skirting and sealing system that acts as a side seal, suspended over the conveyor belt. With its unique diagonal arrangement of hardened lamellae, air is led from the outside into the middle of the belt, creating powerful air suction. The material movement together with the moving belt support increases the suction effect enabling fine dust particles to remain in the conveyor section. Additionally, coarse materials pushing outward are led back to the middle of the belt by the lamellae which can significantly minimise spillage.

The AirScrape® innovative and patented design delivers a tri-fold positive effect that includes material spillage and dust formation reduction particularly at critical transfer points. Additionally, due to the skirting and sealing system's ability to hover freely above the conveyor belt, skirt friction and belt damage can be eliminated, service life of other conveyor components can also be extended.in and around the motor.

Key Features & Benefits

- Works effectively on both large and fine particles.
- Minimises dust emission and explosion hazards.
- Hardened steel blades are effective in reducing skirt wear.
- Reduced motor power requirement as there is no belt-skirt friction.
- Minimises product loss.
- Reduction in maintenance and replacement cost.
- Easy installation by utilising existing clamping system.
- Continuous skirting with no gaps.
- Contributes to health and environmental protection.



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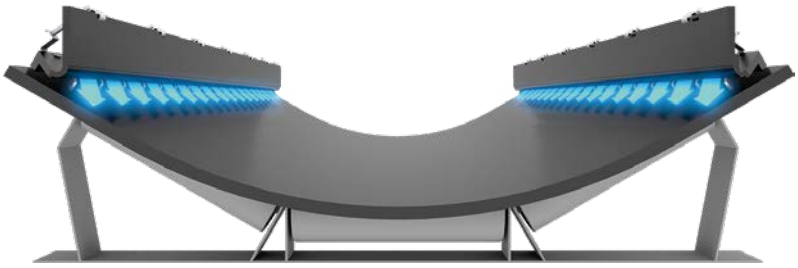
KINDER™ EXPERIENCE INNOVATION PRODUCTIVITY

40 YEARS OF INNOVATION

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AirScrape®

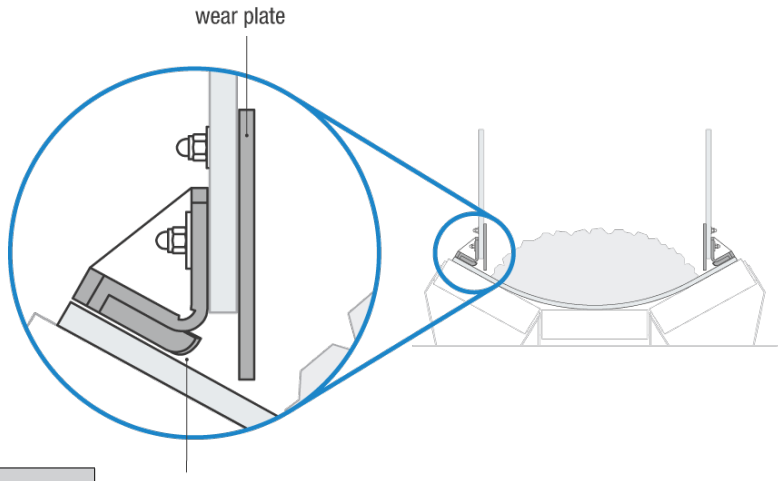




AirScrape® on belt, left & right side

Dimensions

AirScrape® is available in pairs of left and right hand side 2 metre inter-connectable pieces to form any required length and is available for belt overhangs (G) of 55 - 143 mm in the sizes Large, Medium and Small.



Technical Specifications

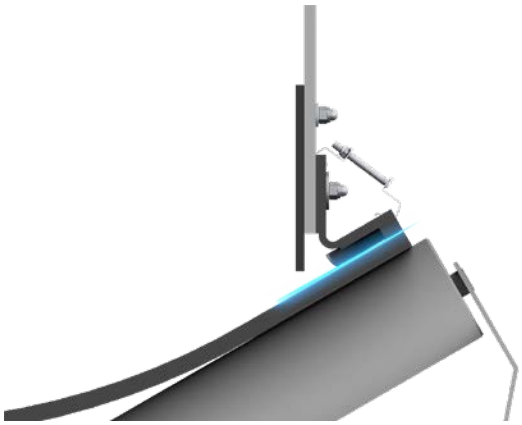
Carrier material	Polyurethane
Durometer	Shore A 70 ± 5
Working temperature	-30° to +80°C
Lamella material	>360 HB or stainless steel
System length	2m right and left side

Polyurethane options

- Low wear STANDARD
- Flame-resistant and antistatic
- FDA approved
- Heat resistant material on request

Installation

AirScrape® is installed using spacers, floating the blades 0 - 1 mm freely above the belt and is attached to the outside of the chute by lifting tensioners via a simple screw system. It is longitudinally and laterally adjustable to follow the contours of conveyor belt rollers and the belt trough angle.



AirScrape® on side, venturi glow

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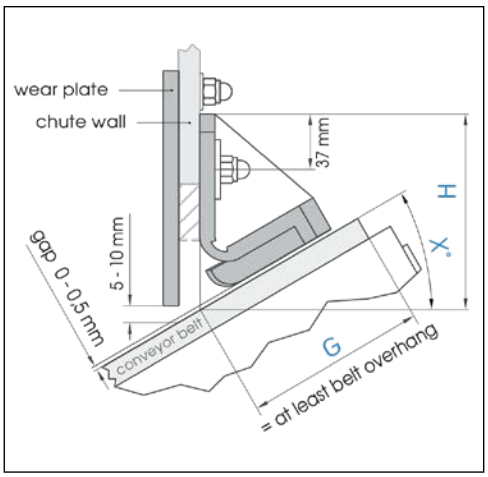
Product Variants

X°	AirScrape® - LARGE		AirScrape® - MEDIUM		AirScrape® - SMALL	
	Belt overhang: >102 mm		Belt overhang: >75 mm		Belt overhang: >60 mm	
	H	G	H	G	H	G
0°	117	102	112	75	97	60
10°	119	105	114	78	98	62
15°	121	108	117	80	99	66
20°	122	110	118	82	101	69
25°	125	115	119	86	103	73
30°	128	120	120	90	106	78
35°	133	125	124	94	112	82
40°	141	133	128	100	117	91
45°	148	140	129	102	-	-

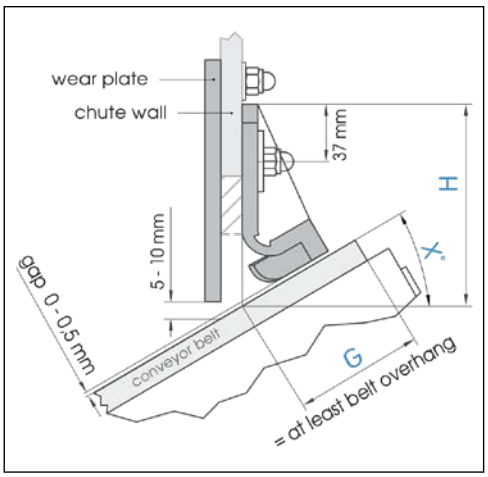




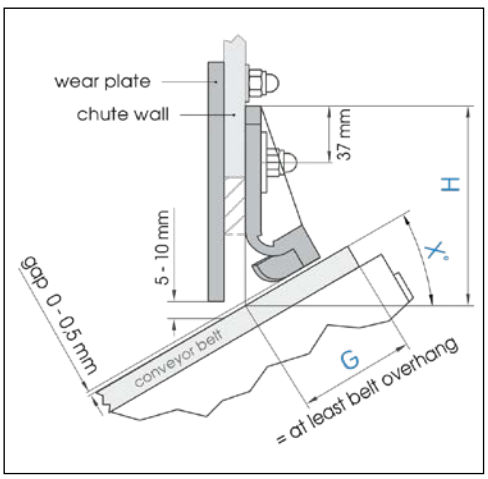
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