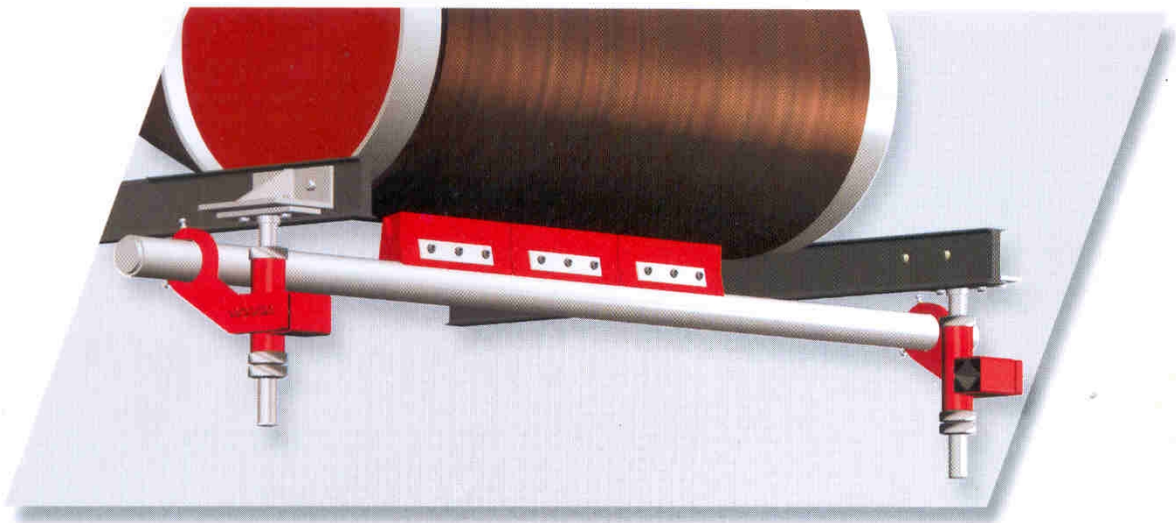


HOSCH

HOSCH PRE-SCRAPERS



TYPE B9S

PRE-SCRAPER TYPE B9S

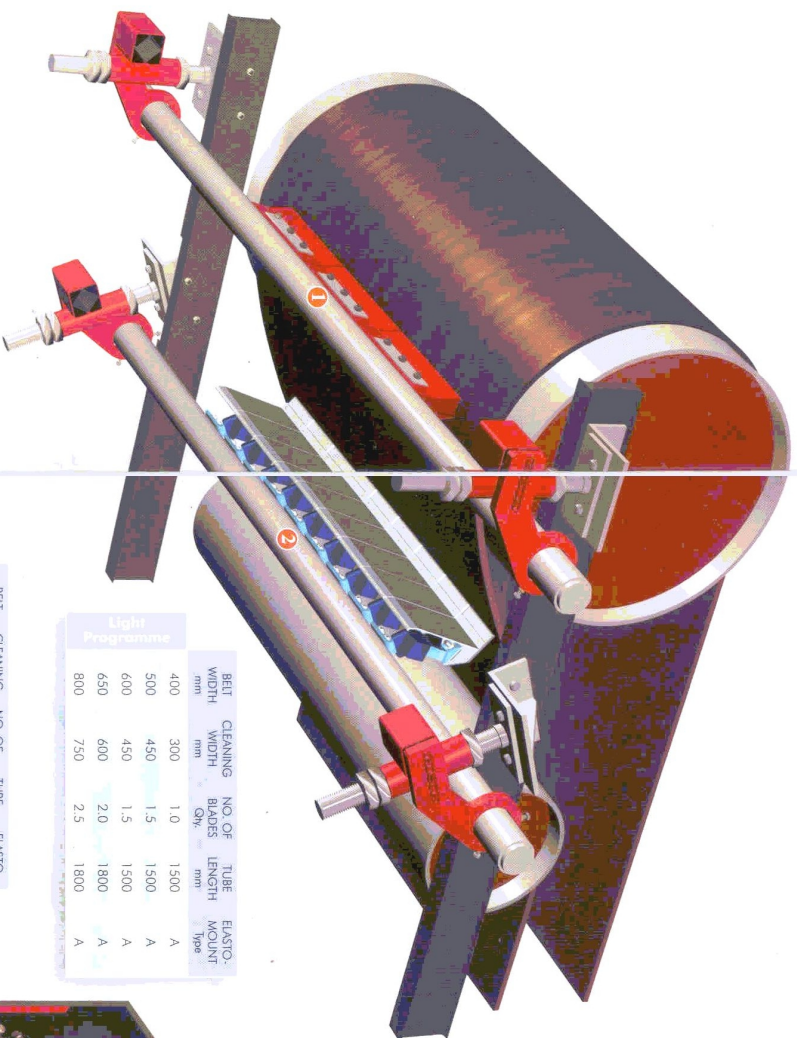
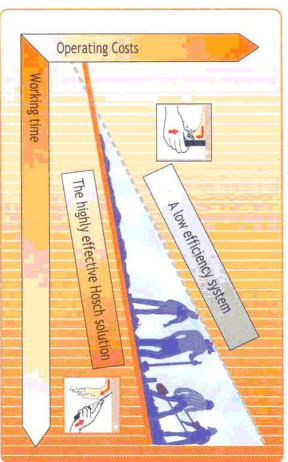


HOSCH has been at the forefront of belt cleaning technology world-wide for more than two decades. The immense advantage of HOSCH products is that they always meet the exacting requirements of modern conveying systems at low operating costs.



A major problem confronting mineral processing industries is that of **carry-back** and **spillage**, resulting from the transportation of bulk material through belt conveyors. This not only leads to a substantial cost increase but the reliability of the plant is also affected.

An in-depth analysis of the problem reveals that careful selection of an efficient cleaner for the conveyor system is essential. The operating conditions of the conveyor system must be properly evaluated in order to select the appropriate cleaning system. This reduces the cleaning cost and also the wear and tear of the top belt cover. Thus the belt life is enhanced, effectively reducing the overall cost of conveying bulk materials.

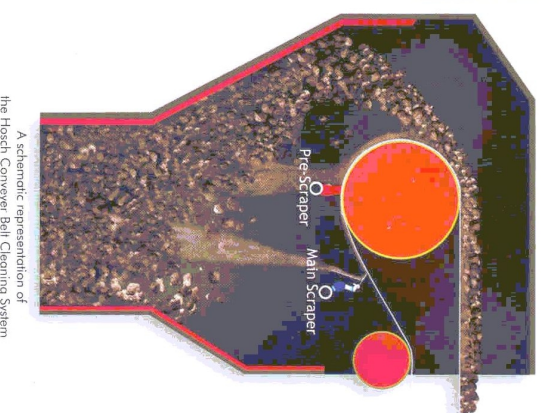


- ### FEATURES
- Abrasion-resistant polyurethane blades
 - Long operating life
 - Self-adjusting
 - Compatible with reversible belt
 - Easy to install
 - Minimum maintenance

Light Programme					
BELT WIDTH mm	CLEANING WIDTH mm	NO. OF BLADES Qty.	TUBE LENGTH mm	ELASTO-MOUNT Type	
400	300	1.0	1500	A	
500	450	1.5	1500	A	
600	450	1.5	1500	A	
650	600	2.0	1800	A	
800	750	2.5	1800	A	

Standard Programme					
BELT WIDTH mm	CLEANING WIDTH mm	NO. OF BLADES Qty.	TUBE LENGTH mm	ELASTO-MOUNT Type	
400	300	1.0	1500	B	
500	450	1.5	1500	B	
600	450	1.5	1500	B	
650	600	2.0	1800	B	
800	750	2.5	1800	B	
1000	900	2.5	2000	C	
1200	900	3.0	2500	B	
1400	1200	4.0	2500	C	
1600	1350	4.5	3000	D	
1800	1500	5.0	3000	D	
2000	1650	5.5	3000	D	

- ### APPLICATIONS
- The B9S scraper finds best use when:
- Inherent moisture in the lumpy material exceeds 15%
 - Inherent moisture in fine size material exceeds 12%
 - Material is sticky in characteristic
 - Water is added to the material externally



A schematic representation of the HOSCH Conveyor Belt Cleaning System

The HOSCH Type B9S Scraper is recommended as a Pre-Scraper/Head Drum Scraper for removing the heavy residue of materials adhering to the belt surface, on the return side of the belt. The polyurethane blades are inclined against the direction of belt travel, ensuring maximum cleaning with minimal wear and tear of the belt surface.

When installed with the HOSCH Patented Spring Blade Main Scraper (2), the B9S Pre-Scraper (1) contributes to the effective cleaning of the system by reducing the load on the main scraper.

HOSCH (India) is part of the HOSCH Group, the world-wide leaders in belt cleaning technology. The HOSCH Group was founded in 1975 and is headquartered at Recklinghausen, Germany. When faced with an overwhelming demand for its sales and service internationally, within a few years of its inception, HOSCH began

expanding its operations beyond Germany. Today the HOSCH Group serves 50 countries through its 8 subsidiaries in South Africa, United States, Australia, Great Britain, India, France, Brazil, Poland and its 80 distributors in different parts of the globe.

HOSCH (India) is a joint venture company established in 1991 at Calcutta. It is a member of the MM Group of Companies. Accredited with the ISO 9002 certification, HOSCH (India) has firmly established its reputation, providing solutions to spillage problems in Belt Conveying Systems through its quality products and services.

HOSCH Equipment (India) Pvt. Ltd.
Calcutta, India

HOSCH-Fördertechnik GmbH
Recklinghausen, Germany

HOSCH (G.B.) Ltd.
Darlington, England

HOSCH-Fördertechnik (S.A.) (Pty) Ltd.
Johannesburg, Republic of South Africa

HOSCH Company
Pittsburgh, USA

HOSCH International Pty. Ltd.
Perth, Australia

HOSCH-Fördertechnik GmbH
Yerres, France

HOSCH do Brasil Ltda
Brazil

HOSCH techniki transportowe Polska
Poland



HOSCH Group headquarters



HOSCH

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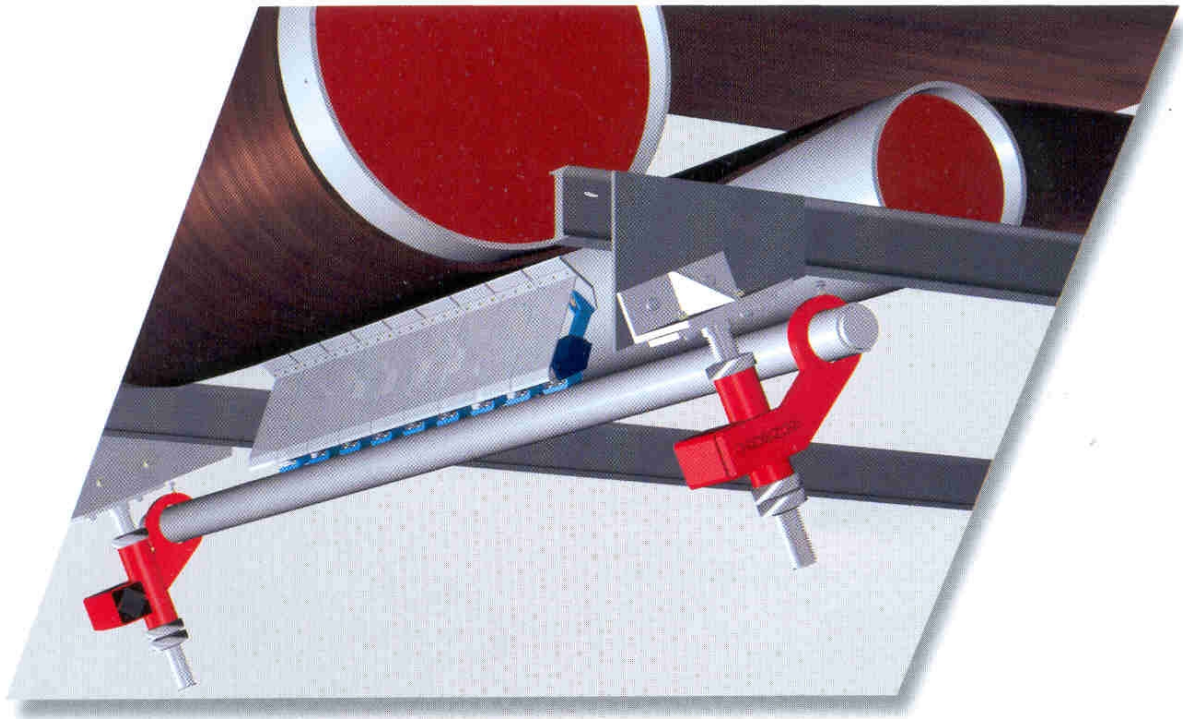
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- Ahmedabad : 079-7410104 • Bangalore : 080-3207804 • Bilai : 0788-291375 • Chennai : 044-8292658
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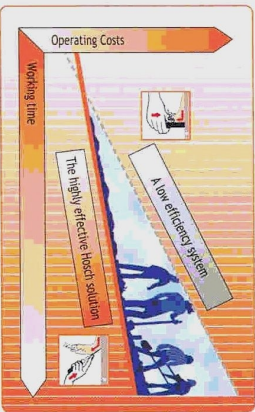
HOSCH MAIN SCRAPERS



TYPE B6

SCRAPER TYPE B6

HOSCH has been at the forefront of belt cleaning technology world-wide for more than two decades. The immense advantage of HOSCH products is that they always meet the exacting requirements of modern conveying systems at a **low operating cost**.



A major problem confronting mineral processing industries is that of **carry-back and spillage**, resulting from the transportation of bulk material through belt conveyors. This not only leads to a substantial cost increase but the reliability of the plant is also affected.

An in-depth analysis of the problem reveals that careful selection of an efficient cleaner is essential. This implies that operating conditions be properly evaluated and an appropriate cleaning system be then chosen. This reduces the cleaning cost and also decreases the wear and tear of the top belt cover, idlers and other conveyor accessories. Thus the overall cost of conveying bulk materials is effectively reduced.

HOSCH **patented** Sprung Blade Scraper Type B6, with its unique design, has been able to solve belt cleaning problems in all types of bulk material handling.

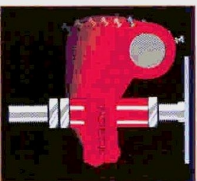
- Features**
- Maximum cleaning efficiency
 - Easy to install and adjust
 - Increases belt life
 - Wide range to suit all site conditions
 - Minimum maintenance
 - Long operating life



Paint Scraper Principle



Sprung Blade Principle



Automatic Adjustment Function

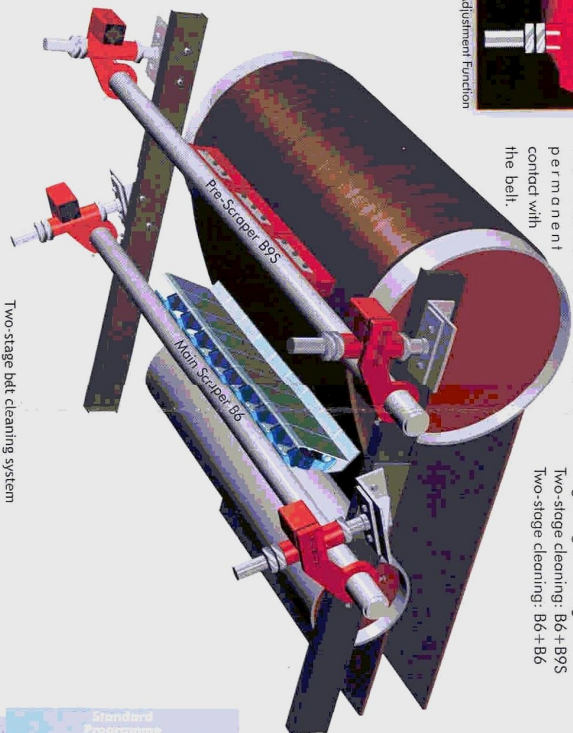
Design Principles

Paint Scraper Principle: Blades inclined against the direction of belt travel, scrape off any dirt layer efficiently while exerting exceptionally low contact pressure on the belt.

Sprung Blade Principle: The individual blade segments, mounted on spring based holders, deflect independently. As a result, the belt is protected from damage and cleaning efficiency is maximised.

Automatic Adjustment

Function: The special scraper mounting spring, **Elastomount**, on the two ends, helps the scraper to self adjust against blade wear. This enables it to maintain permanent contact with the belt.



Two-stage belt cleaning system

Applications Guideline

While HOSCH scrapers come in a standard design, the shape of the scraper blades, module design, dimensions and material used may be customized to suit specific operating conditions. The following guideline ensures optimum cleaning results and a long operating life.

B6 programmes

- Light programme
- Standard programme
- Heavy duty programme

B6 modules

- Standard module
- High speed module
- Reversible module

B6 blades

- High grade tool steel
- Stainless steel
- Tungsten tip-carbon steel base
- Special tungsten tip - SS base

Scrapers may also be used in combination to suit your specific needs.

Belt cleaning system

- Single stage cleaning with B6
- Two-stage cleaning: B6+B9S
- Two-stage cleaning: B6+B6

Operating Conditions

- Light duty & low speed belt upto 2.5M/s
- Standard duty
- Heavy duty & for steel cord belt

Belt speed below 3.0M/s
Belt speed above 3.0M/s
Reversing belt operation

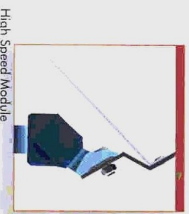
Non-abrasive & non-corrosive material
Non-abrasive & corrosive material
Abrasive & non-corrosive material
Very abrasive & corrosive material

Operating Conditions

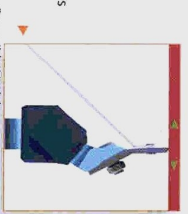
- Material dry and less carry-back
- Material wet and non-abrasive
- Material wet and abrasive



Standard Module



High-Speed Module



Reversible Module

B6 Modules

Belt Width mm	Cleaning Width mm	No. of Blades	Tube Length mm	Elasto-Mount	
				Type	Material
300	241	02	1500	A	A
400	361	03	1500	A	A
500	482	04	1500	A	A
600	602	05	1800	B	B
800	722	06	1800	B	B
1000	964	08	2000	B	B
1200	1084	09	2500	C	C
1400	1326	11	2500	D	D
1600	1567	13	3000	D	E
1800	1687	14	3000	D	E
2000	1928	16	3000	D	E

Belt Width mm	Cleaning Width mm	No. of Blades	Tube Length mm	Elasto-Mount	
				Type	Material
300	241	02	1500	A	A
400	361	03	1500	A	A
500	482	04	1500	A	A
600	602	05	1800	A	A
800	722	06	1800	A	A

Belt Width mm	Cleaning Width mm	No. of Blades	Tube Length mm	Elasto-Mount	
				Type	Material
1200	1084	09	2500	D	D
1400	1326	11	2500	D	D
1600	1567	13	3000	E	E
1800	1687	14	3000	E	E
2000	1928	16	3000	E	E

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HOSCH Group headquarters

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HOSCH (India) factory

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Calcutta, India

HOSCH-Fördertechnik GmbH
Recklinghausen, Germany

HOSCH (G.B.) Ltd.
Darlington, England

HOSCH-Fördertechnik (S.A.) (Pty) Ltd.
Johannesburg, Republic of South Africa

HOSCH Company
Pittsburgh, USA

HOSCH International Pty. Ltd.
Perth, Australia

HOSCH-Fördertechnik GmbH
Yerres, France

HOSCH do Brasil Ltda
Brazil

HOSCH techniki transportowe Polska
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HOSCH

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