



DH SECONDARY CLEANER

Carryback from conveyor belts is an everyday occurrence, resulting in reduced operation efficiency, reduced safety, increased maintenance costs and increased environmental contamination.

Planned maintenance shutdowns of conveyor belts are necessary to achieve effective and continual bulk handling operations. However, while conveyor areas are down production time is lost, so it is important to safely and quickly perform blade change outs to assure optimum cleaning efficiency.

The DH Secondary Belt Cleaner effectively removes conveyor belt carryback. The DH Secondary Cleaners' innovative design and use of industrial polymers combine to create an efficient and easily serviceable belt cleaner.



FEATURES & BENEFITS

BLADES

ESS offers a variety of blade materials and the modular blade units accommodate different belt widths.

Compatible mounting dimension among the ESS secondary cleaners allows for an easy upgrade to a premium ESS cleaning system for future cleaning requirements.

Rugged Polyurethane gently absorbs shock from mechanical splices and damaged belts, without destroying the cleaner or damaging the belt.

MAINFRAME

The mainframe is available in either mild steel or stainless steel constructions; this means that corrosive environments can be catered for.

TENSIONING DEVICES

There are several types of tensioning devices available to maintain the blade to belt pressure throughout the life of the blade. This provides optimal cleaning performance while preserving blade wear rates removing material that would otherwise pass between the belt and the blade surface.

Simple mountings mean easy installation. Use ESS frames and mountings or convert your existing hardware and labour, thus, reducing initial costs.

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Differing styles of tensioning devices can be customised to suit what is available at each plant.

The ESS tensioning devices allow blade adjustment while the conveyor is still running from outside the chute, allowing the applied pressure to be fine-tuning without stopping production.



HOW IT WORKS

The DH Belt Cleaner is designed to be the most effective and economical belt cleaner available on the market today. The high strength polyurethane or injection moulded thermoplastic construction of the DH Arms ensures long life and effective cleaning under the toughest of conditions. The resilient nature of these materials of construction helps prevent damage to the belt cleaner itself, the belt top cover, and mechanical or vulcanised splices.

Being a secondary cleaner, the DH belt cleaner is designed to be used in conjunction with an effective Primary cleaner. The rugged one-piece cleaning elements of the DH belt cleaner resists material build-up while absorbing the shock of splice impact. Maintenance is a simple operation. When the DH Cleaning Blades are worn to the wear line, pound out the worn blades and pound in the new.

VITAL STATISTICS

BELT WIDTH	450	600	750	900	1050	1200	1350	1500	1600	1800	2000	2200	2400
# BLADES	2	3	4	5	6	7	8	9	9,10	11	12	13	14
HB BLADE COVER	317	469	621	773	925	1077	1229	1381	1381,1533	1685	1837	1989	2141
DH BLADE COVER	355	507	650	811	963	1115	1267	1419	1419,1570	1723	1875	2027	2179
FRAME LENGTH	1305	1455	1610	1760	1915	2045	2215	2370	2520	2670	2825	2975	2130
STIFFENER LENGTH	I/S HEAD CHUTE DIMENSION REQUIRED												

BACK UP AND SUPPORT

ESS backs up its products 100%. We proudly manufacture all our products at two separate locations in Australia.

ESS maintains local stores and service crew's in most Australian mining centres. Service crews are available for installation, service, inspection and troubleshooting.

ESS design team provide a solution to your specific plant requirements.



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Proudly Manufactured in Australia

