



## Primary Belt Cleaner

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### Product Description

#### Heavy Duty Polyurethane Primary Belt Cleaner -XHD

Installed on the surface of the unloading drum, located below the material track, away from the material flow direction, it can adapt to the harshest working environment. As the first stage of a multi-stage cleaning system, the primary cleaner removes a significant portion of material adhered to the belt. Its unique design combines easy installation, quick maintenance and excellent cleaning results.

XHD model table:

Name	B (MM)	A (MM)	L (MM)	Main frame square steel (MM)	Sub-frame length (MM)	Sub-frame round steel (MM)	Tensioner configuration	Weight (KG)
XHD-800	800	762	800	90x90	650	73x8	Double sided spring	78
XHD-1000	1000	914	1000	90x90	650	73x8	Double sided spring	86
XHD-1200	1200	1067	1200	90x90	850	73x8	Double sided spring	101
XHD-1400	1400	1219	1400	90x90	850	73x8	Double sided spring	109
XHD-1600	1600	1372	1600	90x90	850	73x8	Double sided spring	117
XHD-1800	1800	1524	1800	90x90	850	73x8	Double sided spring	125
XHD-2000	2000	1676	2000	90x90	850	73x8	Double sided spring	133
XHD-2200	2200	1828	2200	90x90	950	73x8	Double sided spring	148
XHD-2400	2400	2134	2400	90x90	950	73x8	Double sided spring	156

▲Cutter head material: Made of special modified polymer polyurethane, it has the characteristics of flame retardant and antistatic, high wear resistance, high elasticity, acid and alkali resistance, and low friction coefficient;

▲Cutter head structure: The installation groove of the cutter head base is reinforced with embedded aluminum alloy, and both ends are installed with bayonet for easy disassembly and replacement;

▲Three sizes of cutter heads are available: 1. Standard type with height 300\*thickness 90mm (large arc surface of the tool tip, suitable for larger drum diameters); 2. Height 260\*thickness 80mm prismatic cross-section design (the upper part of the cutter body is Thickness); 3. Height 260\*thickness 80: (the blade tip fitting surface is slightly smaller);

▲Bracket structure: The main frame and the auxiliary frame can be stretched and separated for easy installation. The auxiliary frame is a torsion bar and can be rotated;

▲High-end tensioner configuration: Both large and small bandwidths are equipped with double-sided spring tensioners. The components are thick and equipped with bending dust-proof plates and anti-fall spring dust covers.

▲Relevant accessories parameters: galvanized spring wire diameter 10mm with spring cover, bent ash retaining plate spring base with anti-sway ring, screw the lock nut to tighten anyway; steel pipe wall thickness measured not less than 8mm, diameter 73mm; embedded High-strength aluminum profile, fixed with bayonet pins.

▲Polyurethane material properties: Polyurethane is a polymer material with diverse properties. Its main features are as follows:

1. Excellent physical properties: Polyurethane has excellent physical properties such as high strength, high elastic modulus and high wear resistance, and can carry high loads.
2. Good oxidation resistance: Polyurethane has good yellowing resistance and oxidation resistance, and it can maintain stability even in high temperature and humid environments.
3. Good corrosion resistance: Polyurethane has excellent acid and alkali resistance, oil resistance, solvent resistance and other properties, and can be used under harsh working conditions.
4. Excellent insulation properties: Polyurethane has good insulation properties and is a good choice for electrical insulation materials.