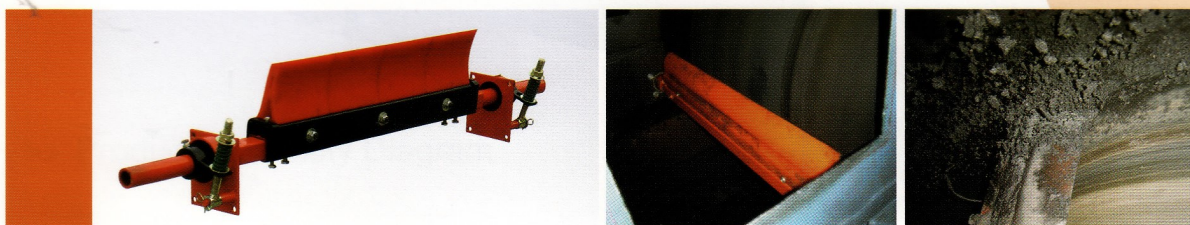


CLEANER

HERMAN (NANJING) TECHNICAL & ENGINEERING



1

Numbering rules for cleaner models

HXX XX-XXXX(XX)

XX indicates the code of a part product with digits 0–9 or abbreviation letters; the following X indicates the use occasion or attribute with an abbreviation letter, or with * if there is no specific meaning. If the digit capacity is not enough for specific cases such as variable-angle impact cradle, digits or letters can be increased additionally.

Digits 0–9 indicate the basic parameters of a product.

Digits 0–9 or abbreviation letters indicate different series and different models of same-family products. Number the old products manufactured before September 2007 with 01–09. For new products, the former X indicates different series with digits 0–9 and the letter X indicates different models with digits 0–9 in accordance with the R&D order of products.

H represents a Herman product and XX is the abbreviation of a product's description of produce.

2

Numbering rules for tensioner models

HXX - XX

Classify tensioners with abbreviation letters and digits 0–9 in accordance with the use occasions and development order of products. For example, 01 indicates the flexible soft tensioner with development order of 1 and model of O, used for HPC.

H represents a Herman product and TE is the abbreviation of tensioner.

Primary Cleaner HPCXX-XXXX(XXX)

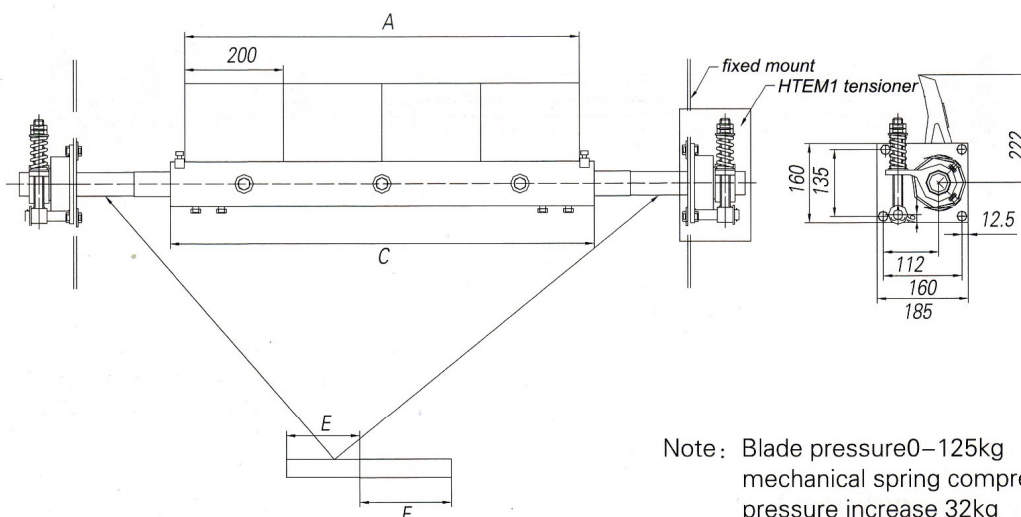
Patent number: ZL 2005 2 0075239.1
ZL 2005 2 0075238.7

• HPC01 – XXXX(M1X)

Heavy-duty cleaner: split blade, applicable to conveyor belt at speed of 3 m/s or below and working in coordination with HTEO or HTEM tensioner. There are heat-resistant, cold-resistant, and anti-UV series products for users to choose.



>> Product Assembly Diagram



Note: Blade pressure 0–125kg
mechanical spring compress 5mm,
pressure increase 32kg

>> Product Specifications

Type	Belt width B (mm)	Blade width A (mm)	Quantity of blades	Mainframe C 60 × 60 × 6(mm)	Circular tube for secondary frame E Φ48 × 6(mm)	Square tube for secondary frame F 50 × 50 × 6(mm)	Weight (kg)
HPC01-0650(M1 X)	650	600	3	670	260	300	33
HPC01-0800(M1 X)	800	800	4	870	340	390	36
HPC01-1000(M1 X)	1000	1000	5	1070	340	390	40
HPC01-1200(M1 X)	1200	1200	6	1270	340	390	44
HPC01-1400(M1 X)	1400	1400	7	1470	340	390	48
HPC01-1600(M1 X)	1600	1600	8	1670	340	390	52
HPC01-1800(M1 X)	1800	1800	9	1870	340	390	56
HPC01-2000(M1 X)	2000	2000	10	2070	340	390	60
HPC01-2200(M1 X)	2200	2200	11	2270	340	390	64

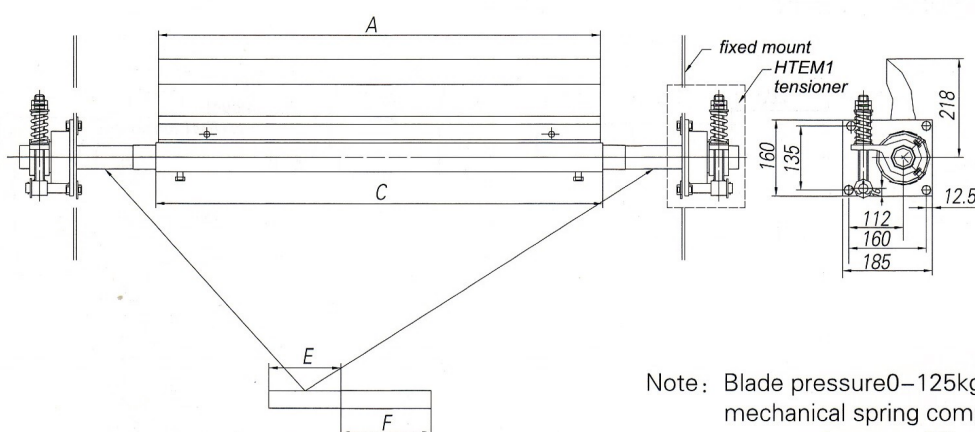
Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resistant, "U" anti-UV. "*" other additional data (if any)

• HPC02 – XXXX(M1X)

Heavy-duty cleaner: integral blade, applicable to conveyor belt at speed of 3 m/s or below and working in coordination with HTEO or HTEM tensioner. There are heat-resistant, cold-resistant, and anti-UV series products for users to choose.



>> Product Assembly Diagram



Note: Blade pressure 0–125kg
mechanical spring compress 5mm,
pressure increase 32kg

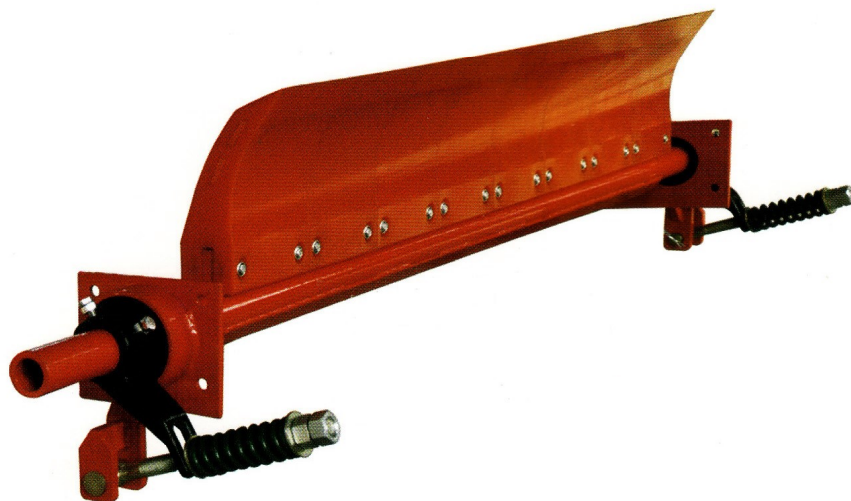
>> Product Specifications

Type	Belt width B (mm)	Blade width A (mm)	Mainframe C 60×60×6(mm)	Circular tube for secondary frame E Φ48×6(mm)	Square tube for secondary frame F 50×50×6(mm)	Weight (kg)
HPC02-0500(M1X)	500	490	520	180	200	30
HPC02-0650(M1X)	650	640	670	260	300	32
HPC02-0800(M1X)	800	790	810	340	390	33
HPC02-1000(M1X)	1000	990	1010	340	390	37
HPC02-1200(M1X)	1200	1190	1210	340	390	40
HPC02-1400(M1X)	1400	1390	1410	340	390	44
HPC02-1600(M1X)	1600	1590	1610	340	390	48
HPC02-1800(M1X)	1800	1790	1810	340	390	51
HPC02-2000(M1X)	2000	1990	2010	340	390	55
HPC02-2200(M1X)	2200	2190	2210	340	390	59

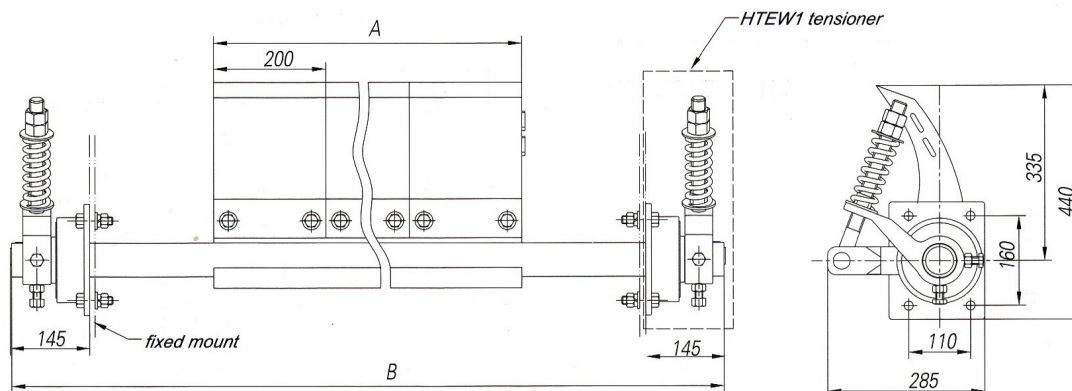
Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

• HPC03 – XXXX(W1X)

Heavy-duty cleaner: split blade, applicable to conveyor belt at speed of 3 m/s or below and working in coordination with HTEO or HTEM tensioner. There are heat-resistant, cold-resistant, and anti-UV series products for users to choose.



>> Product Assembly Diagram



Note: Blade pressure 0–300kg
mechanical spring compress 5mm,
pressure increase 50kg

>> Product Specifications

Type	Belt width B (mm)	Blade width A (mm)	Quantity of blade	Frame size B (mm)	Weight (kg)
HPC03-0650(W1X)	650	650	3	1600	57
HPC03-0800(W1X)	800	800	4	1800	64
HPC03-1000(W1X)	1000	1000	5	2000	72
HPC03-1200(W1X)	1200	1200	6	2000	80
HPC03-1400(W1X)	1400	1400	7	2200	88
HPC03-1600(W1X)	1600	1600	8	2400	96
HPC03-1800(W1X)	1800	1800	9	2780	101
HPC03-2000(W1X)	2000	2000	10	3000	112
HPC03-2200(W1X)	2200	2200	11	3200	120

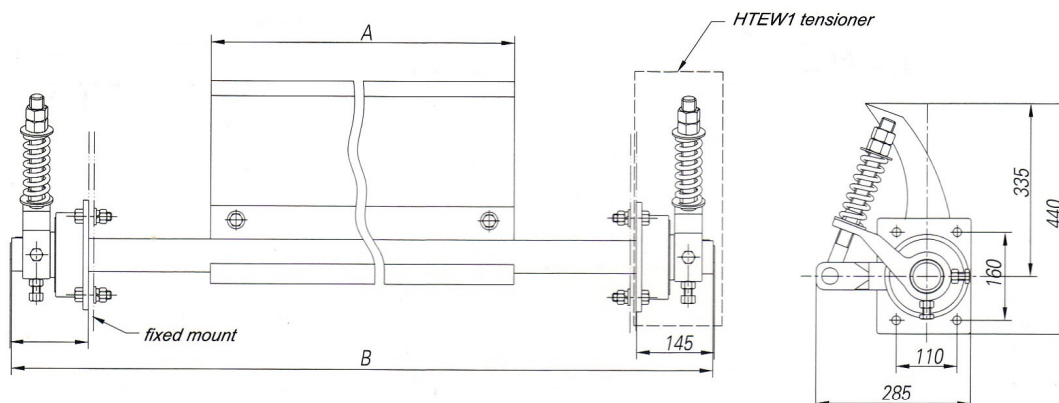
Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

• HPC04 – XXXX(W1X)

Heavy-duty cleaner: integral blade, applicable to conveyor belt at speed of 3 m/s or below and working in coordination with HTEO or HTEM tensioner. There are heat-resistant, cold-resistant, and anti-UV series products for users to choose.



>> Product Assembly Diagram



Note: Blade pressure 0–300kg
mechanical spring compress 5mm,
pressure increase 50kg

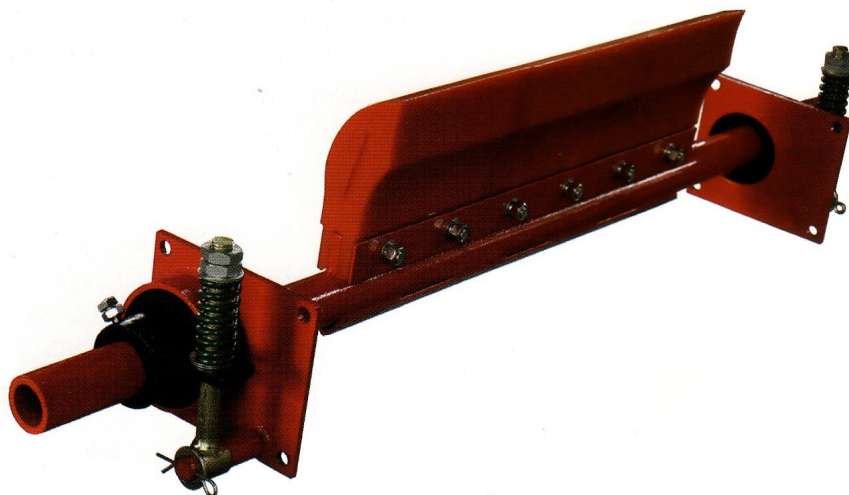
>> Product Specifications

Type	Belt width (mm)	Blade width A (mm)	Blade width B (mm)	Weight (kg)
HPC04-0650(W1X)	650	640	1600	57
HPC04-0800(W1X)	800	790	1800	64
HPC04-1000(W1X)	1000	990	2000	72
HPC04-1200(W1X)	1200	1190	2000	80
HPC04-1400(W1X)	1400	1390	2200	88
HPC04-1600(W1X)	1600	1590	2400	96
HPC04-1800(W1X)	1800	1790	2780	101
HPC04-2000(W1X)	2000	1990	3000	112
HPC04-2200(W1X)	2200	2190	3200	120

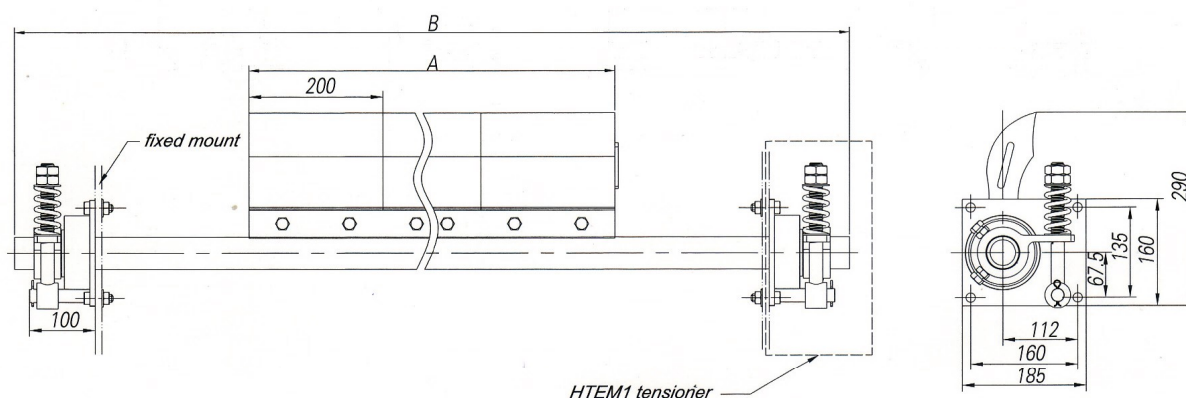
Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

• HPC05 – XXXX(M1X)

Heavy-duty cleaner: split blade, working in coordination with HTEO or HTEM tensioner. There are heat-resistant, cold-resistant, and anti-UV series products for users to choose.



>> Product Assembly Diagram



Note: Blade pressure 0–125kg
mechanical spring compress 5mm,
pressure increase 32kg

>> Product Specifications

Type	Belt width (mm)	Blade width A (mm)	Quantity of blade	Stent length B (mm)	Weight (kg)
HPC05-0650(M1X)	650	600	3	1450	28
HPC05-0800(M1X)	800	800	4	1600	30
HPC05-1000(M1X)	1000	1000	5	1800	32
HPC05-1200(M1X)	1200	1200	6	2000	34
HPC05-1400(M1X)	1400	1400	7	2200	36
HPC05-1600(M1X)	1600	1600	8	2400	38
HPC05-1800(M1X)	1800	1800	9	2800	40
HPC05-2000(M1X)	2000	2000	10	3000	42
HPC05-2200(M1X)	2200	2200	11	3200	44

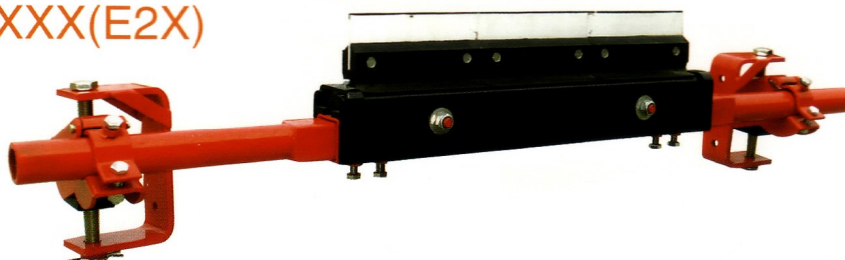
Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

Secondary Cleaner HSCXX-XXXX(XXX)

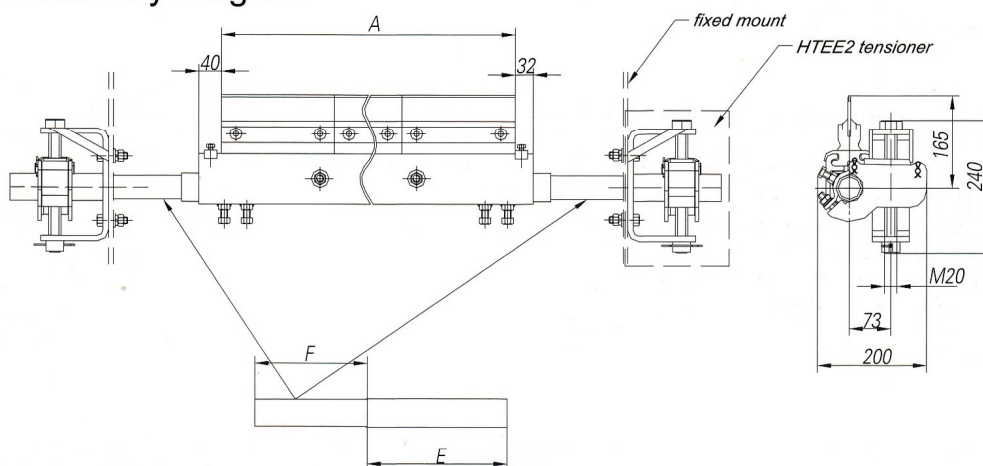
Patent number: ZL 2005 2 0075236.8 ZL 2005 2 0075085.6
ZL 2007 2 0045190.4

Installed under the head (head pulley) and deviating from the vertical centerline of the head pulley about 55–110mm along the running direction of the lower belt. Though the action of the blade and tensioner, the foreign substances on the surface of the belt will be scraped and cleaned up, and the scraped substances will fall into the bin and be moved away. This cleaner will work more effectively if used in combination with a primary cleaner. The cleaner works in coordination with a HTEE tensioner.

- HSC01 – XXXX(E2X)
- HSC02 – XXXX(E2X)



>> Product Assembly Diagram



>> Product Specifications

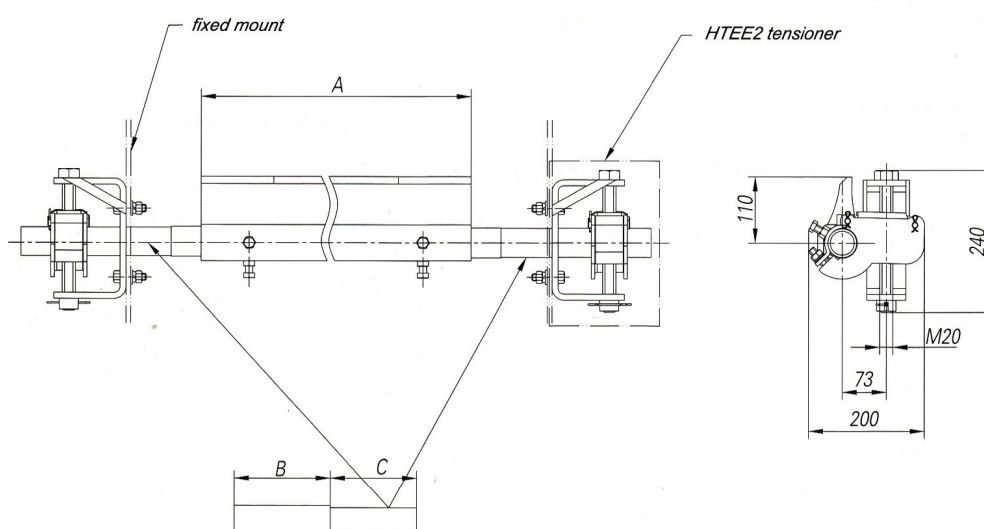
Type	Belt width B (mm)	Blade width A (mm)	Quantity of blade	Dimension of secondary frame (mm)		Weight (kg)
				E Square tube (50×50×5)	F circular tube (Φ48×6)	
HSCXX-0500(E2X)	500	400	2	200	180	34
HSCXX-0650(E2X)	650	600	3	300	260	38
HSCXX-0800(E2X)	800	800	4	390	340	43
HSCXX-1000(E2X)	1000	1000	5	390	340	47
HSCXX-1200(E2X)	1200	1200	6	390	340	52
HSCXX-1400(E2X)	1400	1400	7	390	340	56
HSCXX-1600(E2X)	1600	1600	8	390	340	61
HSCXX-1800(E2X)	1800	1800	9	390	340	65
HSCXX-2000(E2X)	2000	2000	10	390	340	70
HSCXX-2200(E2X)	2200	2200	11	390	340	74

Note: 1. "XX" in HSCXX indicated product model, "01" – stainless steel blade, "02" – tungsten carbide blade.
2. X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data(if any)
3. Working in coordination with HTEE tensioner called reversing cleaner, the model is HRC01-XXXX(Y2X) and HRC02-XXXX(Y2X).

• HSC90 – XXXX(E2X)



>> Product Assembly Diagram



>> Product Specifications

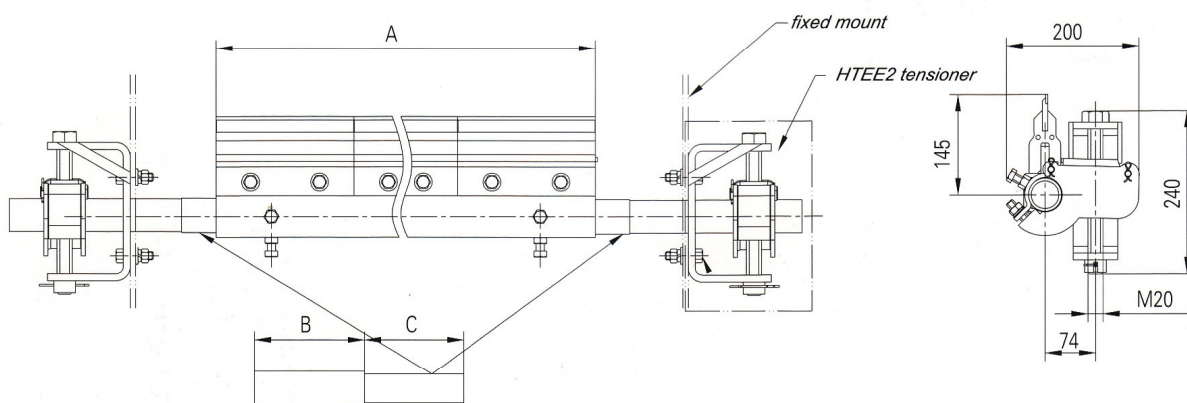
Type	Belt width (mm)	Blade width A (mm)	Dimension of secondary frame (mm)		Weight (kg)
			B Square tube (50×50×5)	C Circular tube (Φ48×6)	
HSC90-0500(E2X)	500	490	200	180	26
HSC90-0650(E2X)	650	640	300	260	28
HSC90-0800(E2X)	800	790	390	340	30
HSC90-1000(E2X)	1000	990	390	340	32
HSC90-1200(E2X)	1200	1190	390	340	34
HSC90-1400(E2X)	1400	1390	390	340	36
HSC90-1600(E2X)	1600	1590	390	340	38
HSC90-1800(E2X)	1800	1790	390	340	40
HSC90-2000(E2X)	2000	1990	390	340	42
HSC90-2200(E2X)	2200	2190	390	340	44

Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

• HSC91 – XXXX(E2X)



>> Product Assembly Diagram



>> Product Specifications

Type	Belt width (mm)	Blade width A (mm)	Quantity of blade	Dimension of secondary frame (mm)		Weight (kg)
				B Square tube (50 × 50 × 5)	C circular tube (Φ 48 × 6)	
HSC91-0500(E2X)	500	400	2	200	180	33
HSC91-0650(E2X)	650	600	3	300	260	37
HSC91-0800(E2X)	800	800	4	390	340	41
HSC91-1000(E2X)	1000	1000	5	390	340	45
HSC91-1200(E2X)	1200	1200	6	390	340	49
HSC91-1400(E2X)	1400	1400	7	390	340	53
HSC91-1600(E2X)	1600	1600	8	390	340	57
HSC91-1800(E2X)	1800	1800	9	390	340	61
HSC91-2000(E2X)	2000	2000	10	390	340	65
HSC91-2200(E2X)	2200	2200	11	390	340	79

Note: X in the bracket indicates the use occasion and attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

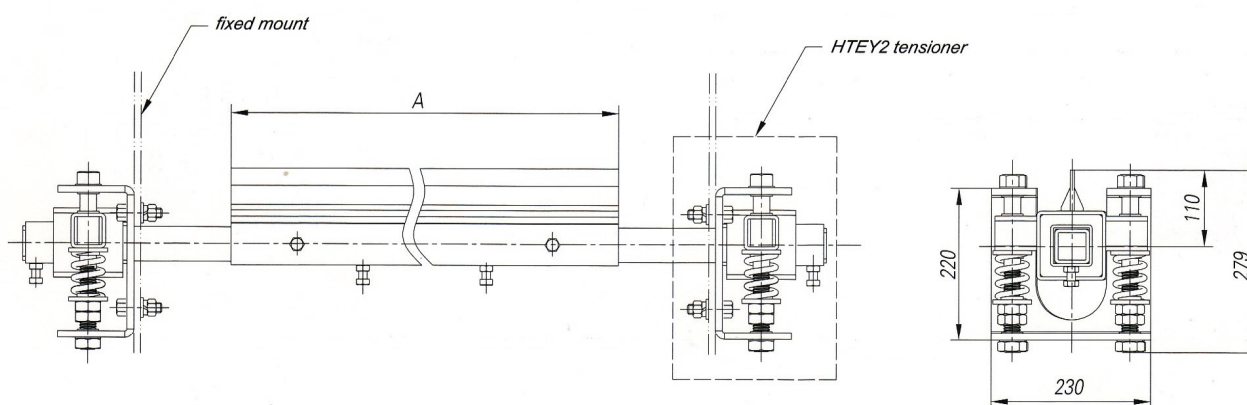
Reversing Cleaner HRCXX-XXXX(XXX)

Installed under the head (head pulley) and deviating from the vertical centerline of the head pulley about 55–110mm along the running direction of the lower belt. Though the action of the blade and tensioner, the foreign substances on the surface of the belt will be scraped and cleaned up, and the scraped substances will fall into the bin and be moved away. The cleaner can work in coordination with a HTEY tensioner.

• HRC90 – XXXX(Y2X)



>> Product Assembly Diagram

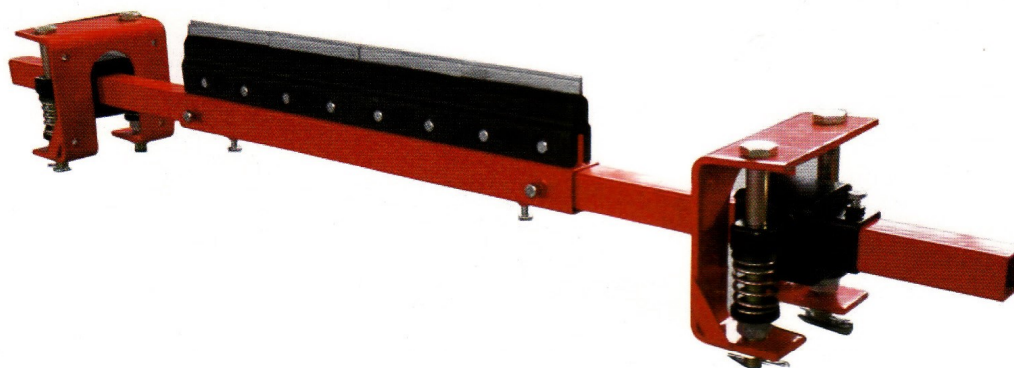


>> Product Specifications

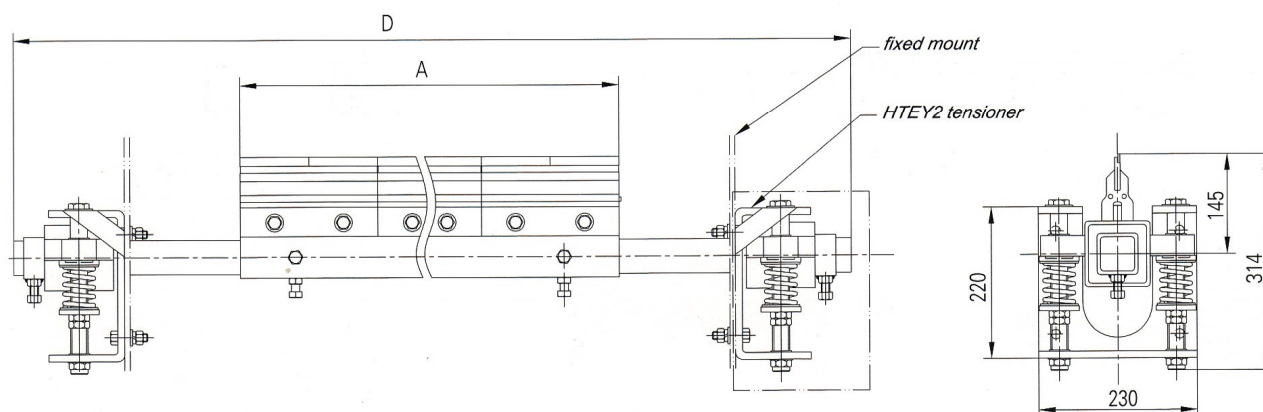
Type	Belt width (mm)	Blade width (mm)	Length of secondary frame (Square tube 50 × 50 × 5) D (mm)	Weight (kg)
HRC90-0500(Y2X)	500	500	1200	42
HRC90-0650(Y2X)	650	650	1400	44
HRC90-0800(Y2X)	800	800	1600	48
HRC90-1000(Y2X)	1000	1000	1800	50
HRC90-1200(Y2X)	1200	1200	2000	53
HRC90-1400(Y2X)	1400	1400	2300	55
HRC90-1600(Y2X)	1600	1600	2500	58
HRC90-1800(Y2X)	1800	1800	2700	60
HRC90-2000(Y2X)	2000	2000	2900	63
HRC90-2200(Y2X)	2200	2200	3100	65

Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

• HRC91 – XXXX(Y2X)



>> Product Assembly Diagram



>> Product Specifications

Type	Belt width (mm)	Blade width (mm)	Quantity of blade	Length of secondary frame (Square tube 50 x 50 x 5) D (mm)	Weight (kg)
HRC91-0500(Y2X)	500	400	2	1200	42
HRC91-0650(Y2X)	650	600	3	1400	47
HRC91-0800(Y2X)	800	800	4	1600	51
HRC91-1000(Y2X)	1000	1000	5	1800	56
HRC91-1200(Y2X)	1200	1200	6	2000	61
HRC91-1400(Y2X)	1400	1400	7	2300	66
HRC91-1600(Y2X)	1600	1600	8	2500	71
HRC91-1800(Y2X)	1800	1800	9	2700	76
HRC91-2000(Y2X)	2000	2000	10	2900	81
HRC91-2200(Y2X)	2200	2200	11	3100	86

Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

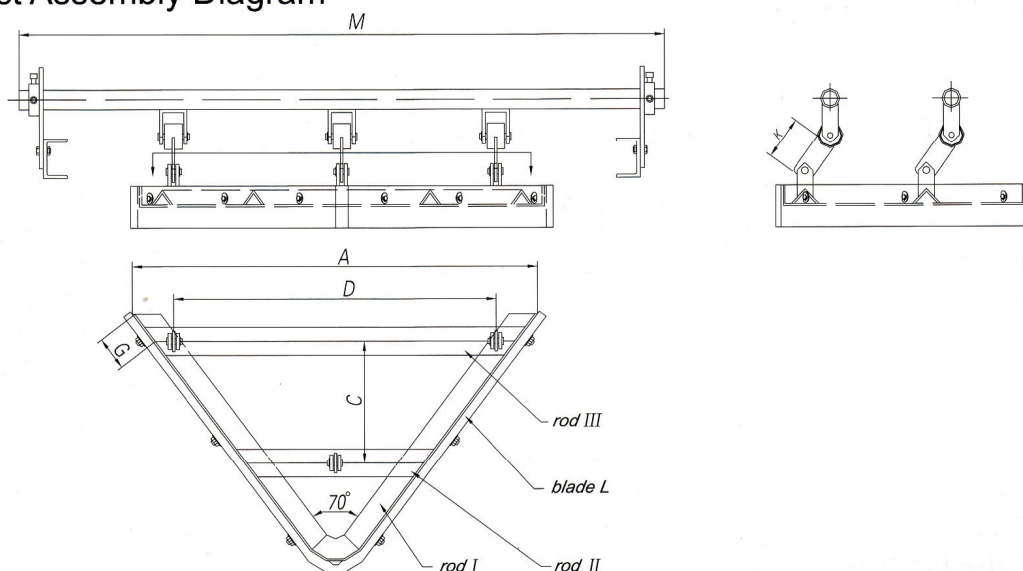
Tail Cleaner HTCXX-XXXX(XXX)

• Model V HTC01 – XXXX(X)

Installed on the plane surface above the return belt at the tail (1.5–3m from the tail pulley) and the blade resting on the unloaded surface of the return belt to clean up the materials on the belt, which improve the off-tracking of the belt during operations.



>> Product Assembly Diagram



>> Product Specifications

Type	Belt width B (mm)	A (mm)	C (mm)	D (mm)	G (mm)	K (mm)	L (mm)	M (mm)	Bar I (mm)	Bar II (mm)	Bar III (mm)	Weight (kg)
HTC01-0650(X)	650	705	250	540	70	120	1160	1200	1050	256	606	48
HTC01-0800(X)	800	865	350	720	70	140	1480	1400	1430	305	795	51
HTC01-1000(X)	1000	1055	450	860	70	170	1820	1600	1770	330	965	56
HTC01-1200(X)	1200	1265	550	1000	70	210	2160	1800	2106	380	1165	61
HTC01-1400(X)	1400	1465	650	1200	90	250	2510	2050	2460	464	1372	66
HTC01-1600(X)	1600	1665	750	1300	90	290	2850	2250	2798	524	1574	71
HTC01-1800(X)	1800	1865	850	1400	110	330	3200	2500	3150	582	1760	76
HTC01-2000(X)	2000	2065	950	1500	110	370	3556	2750	3500	620	1960	81
HTC01-2200(X)	2200	2265	1050	1600	110	410	3920	2950	3894	660	2160	86

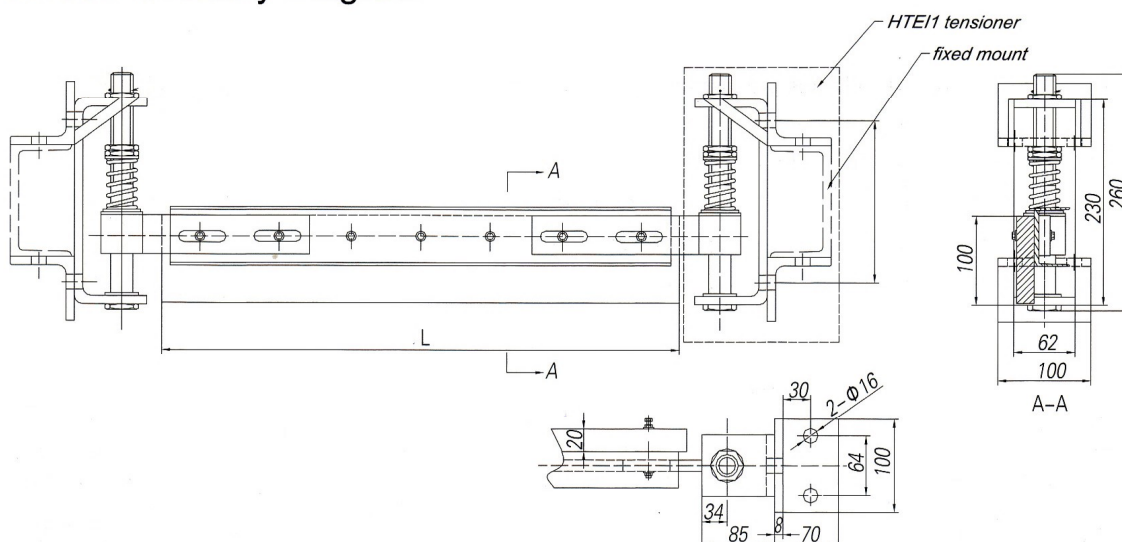
Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)

• Two – Way Tail Cleaner HTC02 – XXXX(I1X)

Installed on the return side of the unloaded belt surface of the two-way running conveyor belt, and with the action of the tensioner, the blade pressing against surface of the return belt to clean up the materials on the belt, which improves the off-tracking of the belt during operations. The cleaner will be mounted with a set of HTE1 tensioner.



>> Product Assembly Diagram



>> Product Specifications

Type	Belt width (mm)	L(mm)	Weight (kg)
HTC02-0650(I1X)	650	902	43
HTC02-0800(I1X)	800	1212	48
HTC02-1000(I1X)	1000	1494	53
HTC02-1200(I1X)	1200	1804	58
HTC02-1400(I1X)	1400	2086	63
HTC02-1600(I1X)	1600	2368	68
HTC02-1800(I1X)	1800	2678	73
HTC02-2000(I1X)	2000	2960	78
HTC02-2200(I1X)	2200	3270	83

Note: X in the bracket indicates the use occasion or attributes, "C" cold-resistant, "H" heat-resisting, "U" anti-UV. "*" other additional data (if any)