



Conveyor parts

· Buffer Bed Series

ADJUSTABLE BUFFER BED

The adjustable buffer bed protects belt conveyors at loading points. Its height and angle can be adjusted via screws and pins to suit different conditions. Combined with a high-strength steel frame, it absorbs material impact and reduces belt wear, ideal for mines and power plants.



PRODUCT PARAMETERS

Model	Suitable Belt Width	Adjustment Range	Chute Angle Adjustment	Suitable Belt Speed	Material Drop Height	Conveying Capacity	Buffer Strip Material	Adjustment Mechanism	Protection Class	Operating Temperature
KHC-800	800mm	Height $\pm 50\text{mm}$	$30^\circ \sim 40^\circ$	$\leq 3.5\text{m/s}$	$\geq 3\text{m}$	$\geq 4000\text{t/h}$	UHMWPE + Rubber + Steel Back	Lead Screw + Adjustment Nut	IP65	$-20 \sim 80^\circ \text{C}$
KHC-1000	1000mm	Height $\pm 60\text{mm}$	$30^\circ \sim 40^\circ$	$\leq 4.0\text{m/s}$	$\geq 3\text{m}$	$\geq 6000\text{t/h}$	UHMWPE + Rubber + Steel Back	Lead Screw + Adjustment Nut	IP65	$-20 \sim 80^\circ \text{C}$
KHC-1200	1200mm	Height $\pm 80\text{mm}$	$30^\circ \sim 45^\circ$	$\leq 4.0\text{m/s}$	$\geq 3\text{m}$	$\geq 7000\text{t/h}$	UHMWPE + Rubber + Steel Back	Lead Screw + Adjustment Nut	IP65	$-20 \sim 80^\circ \text{C}$
KHC-1400	1400mm	Height $\pm 100\text{mm}$	$30^\circ \sim 45^\circ$	$\leq 4.5\text{m/s}$	$\geq 4\text{m}$	$\geq 8000\text{t/h}$	UHMWPE + Rubber + Steel Back	Lead Screw + Adjustment Nut	IP65	$-20 \sim 80^\circ \text{C}$
KHC-1600	1600mm	Height $\pm 100\text{mm}$	$30^\circ \sim 45^\circ$	$\leq 4.5\text{m/s}$	$\geq 4\text{m}$	$\geq 10000\text{t/h}$	UHMWPE + Rubber + Steel Back	Lead Screw + Adjustment Nut	IP67	$-20 \sim 80^\circ \text{C}$
KHC-1800	1800mm	Height $\pm 120\text{mm}$	$30^\circ \sim 45^\circ$	$\leq 4.5\text{m/s}$	$\geq 5\text{m}$	$\geq 12000\text{t/h}$	UHMWPE + Rubber + Steel Back	Lead Screw + Adjustment Nut	IP67	$-20 \sim 80^\circ \text{C}$