

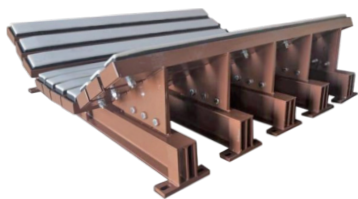


Conveyor parts

· Buffer Bed Series

HEAVY-DUTY BUFFER BED

The heavy-duty buffer bed protects belt conveyors at loading points. It fits belts with widths of 650-2400mm, speeds $\leq 5\text{m/s}$, max particle size $\leq 1000\text{mm}$, and drop height $\leq 5\text{m}$. Featuring double-layer supports, $\geq 75\text{mm}$ thick buffer strips, and high-strength steel frame construction, it absorbs impact, extending belt life. Ideal for high-impact applications like mines and power plants.



Buffer bed



Heavy-duty buffer bed

PRODUCT PARAMETERS

Model	Suitable Belt Width	Chute Angle	Suitable Belt Speed	Material Drop Height	Conveying Capacity	Protection Class	Operating Temperature	Buffer Strip Material	Explosion-Proof / Coal Mine Certification
HCC-1000	1000mm	35° (Standard)	$\leq 4.5\text{m/s}$ ($\leq 3.5\text{m/s}$ under load)	$\geq 3\text{m}$	$\geq 6000\text{t/h}$	IP65	-20~90° C	UHMWPE + Flame-Retardant Rubber	Coal Mine MA, Exd I Mb
HCC-1400	1400mm	35° /40°	$\leq 4.5\text{m/s}$	$\geq 3\text{m}$	$\geq 6000\text{t/h}$	IP65	-20~90° C	UHMWPE + Flame-Retardant Rubber	Coal Mine MA, Exd I Mb
DB-HCC-1800	1800mm	35°	$\leq 4.5\text{m/s}$	$\geq 4\text{m}$	$\geq 8000\text{t/h}$	IP67	-25~100° C	UHMWPE + High-Temperature Resistant Rubber	Coal Mine MA, Exd II BT4
HCC-2400	2400mm	35°	$\leq 4.0\text{m/s}$	$\geq 4\text{m}$	$\geq 10000\text{t/h}$	IP67	-20~90° C	UHMWPE + Wear-Resistant Rubber	Coal Mine MA