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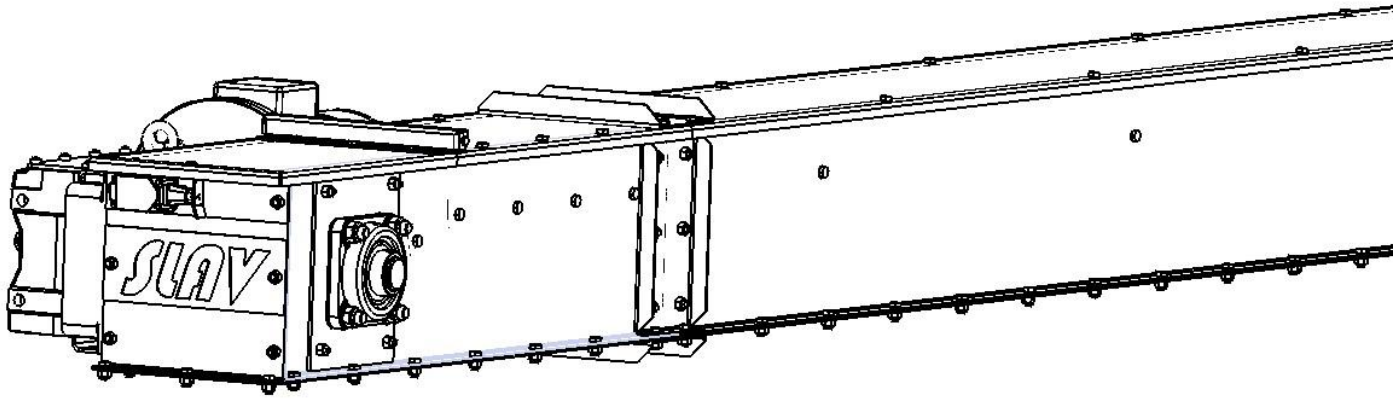
CHAIN CONVEYORS "*SLAV CC series*"



*The chain conveyors **"CC "** series produced by the **SLAV-VERIGI LTD, BULGARIA** are designed and manufactured for operation in heavy-duty and demanding conditions.*

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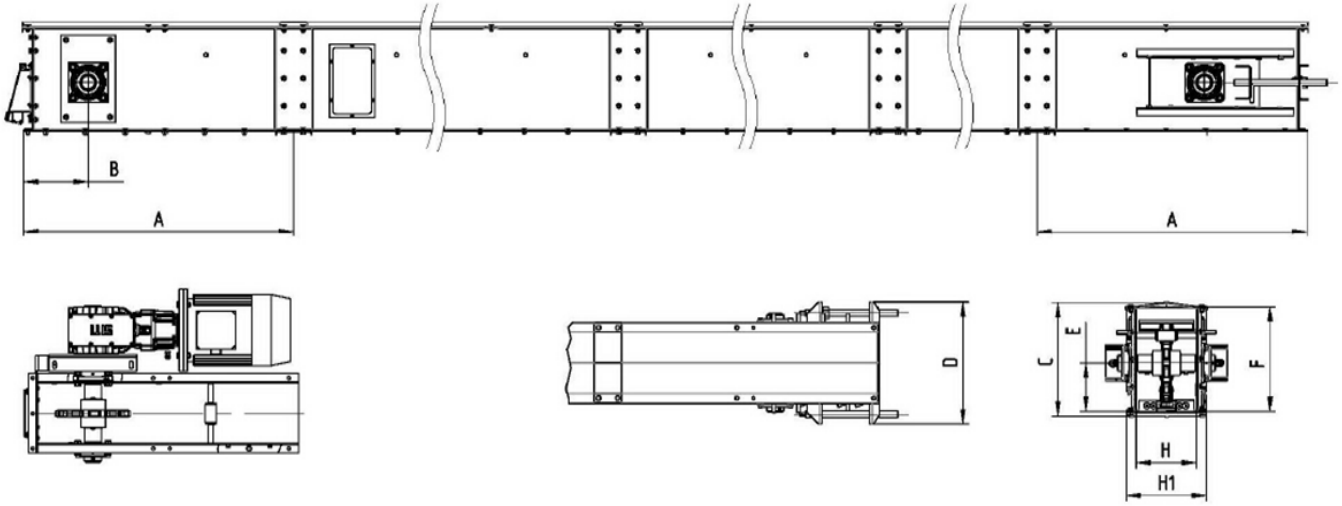
MODELS AND CAPACITIES



MODEL	CHAIN	CHAIN PITCH	PADDLES PITCH	No of chain wheel theet	CAPACITY WITH CHAIN SPEED m3/hour			DIMMENSSIONS (mm)					
		mm	mm		0,3 m/s	0,5m/s	0,7 m/s	A	H	F	E	G	TROUGH LENGTH (mm)
CC19-25	CA550	41,4	248	13	20	37	55	950	195	250	122	193	500, 1500,2000,3000
CC19-35	81X	66,27		11	33	53	85	950	195	356	167	270	500, 1500,2000,3000
CC22-38	81X	66,27		12	43	78	110	950	220	380	177	295	500, 1500,2000,3000
CC32-42	81X	66,27	265	14	80	124	165	950	320	420	190	320	500, 1500,2000,3000
CC40-42	81XH	66,27		14	90	175	230	950	400	420	190	320	500, 1500,2000,3000
CC50-50	2x81XH	66,27		16	150	250	350	950	500	420	185	320	500, 1500,2000,3000

*The chain conveyors produced by **SLAV-VERIGI LTD** come in **six different models**, varying in size and capacity to suit different operational needs.*

*Of course, when there are **specific requirements** for capacity, product type, or transportation method, **custom chain conveyors** can be designed and manufactured with parameters **different from the standard models.***

If you need more information, please contact us : sales@slav-chains.com

MAIN TECHNICAL COMPONENTS & CHARATERISTICS

Body material and coating

The chain conveyors are a bolted construction made of galvanized sheet metal. The zink-coating is with Z275 as standard and Z450 optional, ensuring durability and corrosion resistance of the machine.

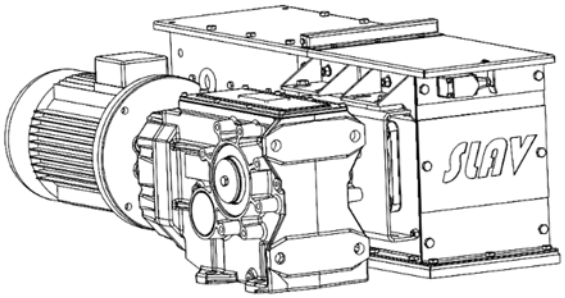
The standard thickness of the troughs, drive, and tensioning sections is 2.5 mm .

The drive and tensioning sections are reinforced with 8 mm components to ensure structural strength and durability.

All the sheet metal components are punched and laser-cutted on the CNC-machines

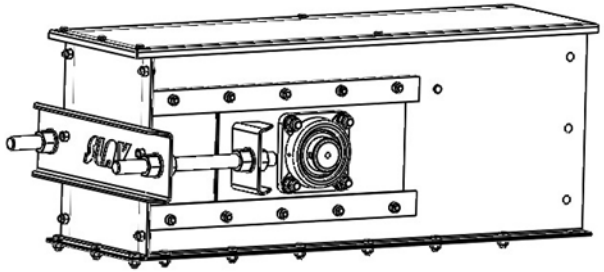
Drive Section

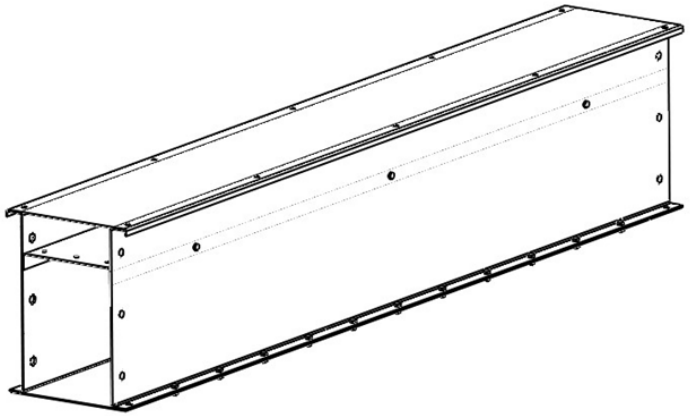
Equiped with bevel-helical or worm gerbox , solid metal sprocket and self-aligned bearings it is a crucial component responsible for ***powering the chain movement*** *and ensuring efficient material transport.*



Tensioning section

The ***tensioning system*** *in chain conveyors is essential for maintaining optimal chain tension, ensuring smooth operation and reducing wear. Proper tensioning prevents chain slack, misalignment, and excessive strain on components.*



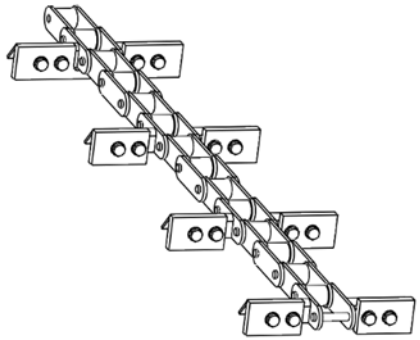


Trought sections

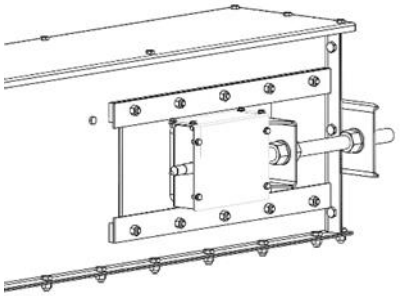
Intermediate sections are a bolted construction made of galvanized sheet metal. They consist of sidewalls, a bottom, and a roof.
UHWM PE - Rollers or an intermediate bottom ensure the return of the chain.
As standard Intermediate sections are shipped with covers installed.
UHWM PE1000 linning on the bottom is also available on request.

Chains

All the chain conveyors produced by SLAV-VERIGI LTD are equipped with 81X or 81XH roller chain as standard. The 81X chain is a heavy-duty conveyor chain commonly used in material handling machines. It is designed for high-strength and durability, making it ideal for demanding environments. UHWM PE1000 paddles are bolted on every scrapper of the chain to minimize wear, noise, and product breakage.



ACCESSORIES FOR CHAIN CONVEYORS



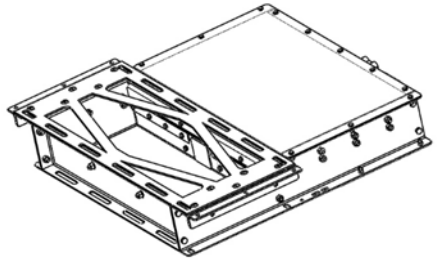
ROTARY SENSORS

Rotary sensors on chain conveyors are used for speed monitoring, position detection, and operational safety. They help ensure precise control of conveyor movement and prevent issues like chain slip, underspeed, or stoppages. Usually, rotary sensors are mounted on the tensioning section shaft

SLIDING GATES

Sliding gates under chain conveyors are used for material flow control, allowing operators to regulate discharge points or redirect materials to different processing lines. Can be controlled manually, electrically, or pneumatically for precise flow regulation.

Equipped with open/closed sensors and protective mechanisms to prevent operational hazards.



DIVERTER VALVES

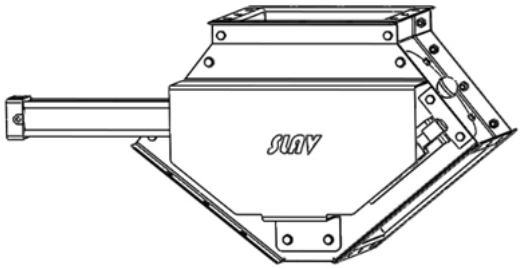
Diverter valves are flow control devices used to redirect materials between different outlets in industrial systems. Usually they are manualy, electrical or pneumatic operated.

Made from painted, galvanized or stainless steel to withstand industrial environments.

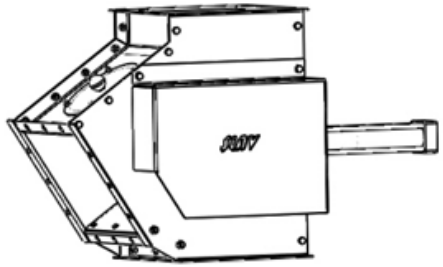
Equipped with open/closed sensors and protective mechanisms to prevent operational hazards.

There are two models of diverter valves:

KDW DIVERTER VALVE



KDY DIVERTER VALVES



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