



More Easy, More Safe, More Efficiency.

# Vertical Lifter Conveyor

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# Reciprocating Lifter





# Reciprocating Lifter

Reciprocating Lifter is a kind of discontinuous vertical conveyor, which has the advantages of small occupation, lifting wide range of goods, stable operation and simple maintenance.

APOLLO lifter is driven with silent synchronization belt, which is very quiet during operation. In addition, there is little maintenance of this mechanism, no need lubrication and tension regulation compared to chain-driven structures.

## APOLLO Reciprocating Lifter can be quickly and flexibly integrated into the project system

APOLLO Reciprocating Lifter follows the highly standardized and modular design concept, the main column is the Apollo standard aluminum column, the loading platform is roller conveyor with standard configuration. If the transported product has certain particularity, APOLLO can also choose to use belt conveyor or other specific carriers. Due to the small size of the lifter itself, it can be quickly integrated to the conveyor system of production or logistics distribution.

## Wide Application

For the infeed / outfeed direction of Reciprocating Lifter, there are a variety of forms to choose, so the site layout is flexible and convenient. APOLLO Reciprocating Lifter can also dock with multiple infeed or outfeed conveyors to achieve vertical sorting of goods, the components of lifter are highly standardized, low maintenance, it is a very economic and durable vertical sorting conveyor.

Reciprocating lifter is suitable for wide range of products, such as cartons, turnover boxes, cartons, crates, pallets, bags, drums, etc.





# Application Cases



# Reciprocating Lifter Technical Parameters



Item	Standard type AK-1	High speed type AK-2	Heavy duty type AK-3
Products size to handle	L200-1600mm × W200-800mm × H10-600mm		
Lift height	≤ 6000mm	> 6000mm	≤ 20000mm
Run speed	< 2m/s	2-6 m/s	≤ 1.5m/s
Rated Load	< 50 kg/product	< 50 kg/product	50-200 kg/product
Lift efficiency	< 400 products/hour	< 500 products/hour	< 250 products/hour
Driven way	Synchronous belt		Chain
Main column material	Aluminum profile		Aluminum profile / Carbon steel
Entry / Exit direction	Side infeed / Front infeed; Side outfeed / Front infeed		Side infeed / Side outfeed
Carrier platform	roller conveyor / belt conveyor / right angle transfer		roller conveyor

Remark: Please contact APOLLO for special requirements.



# Continuous Lifter

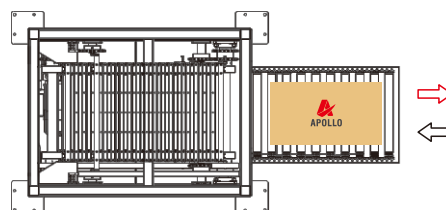
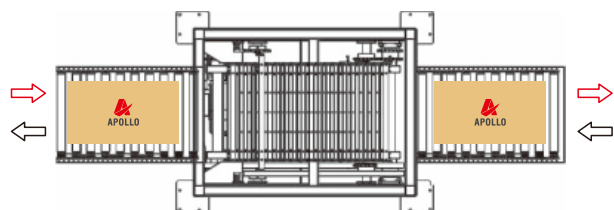
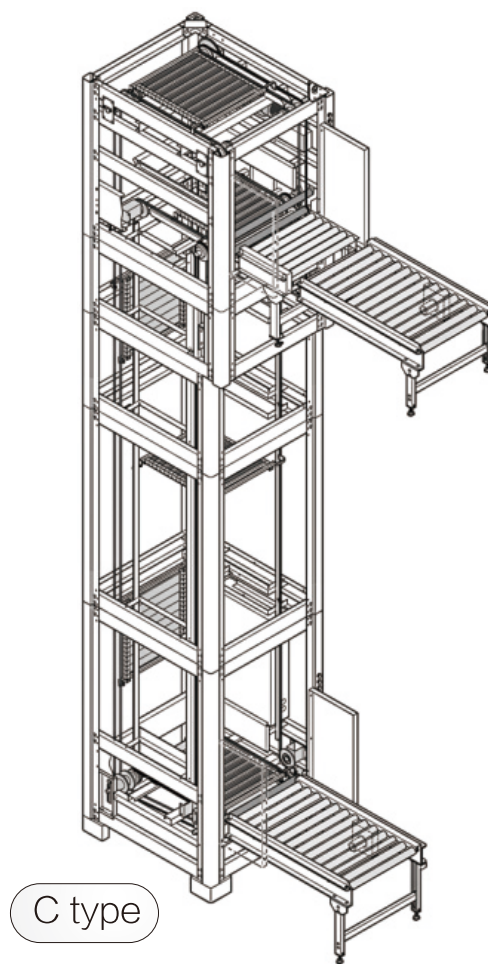
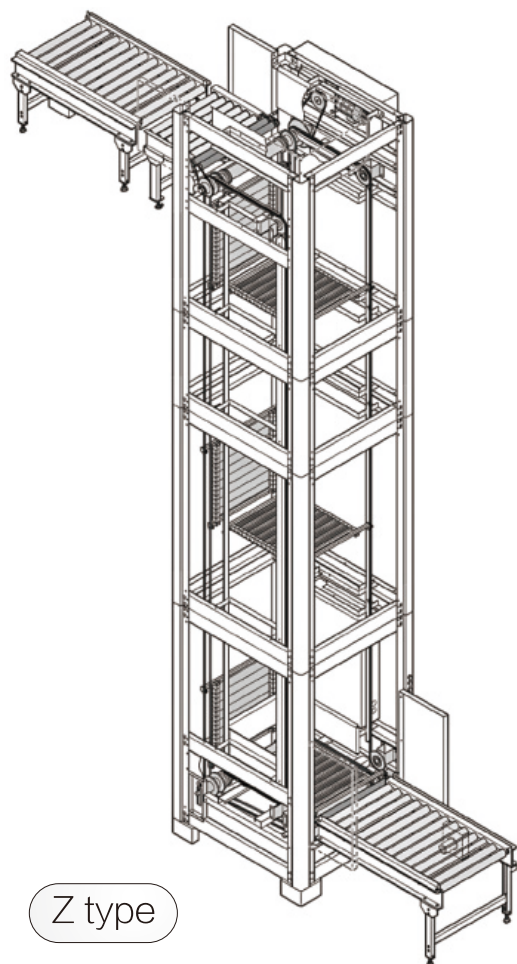
Continuous Lifter is a relatively continuous conveying equipment, smooth transport, high efficiency, structural diversification. According to the form of the entry and exit, can divide into two types: Z-type continuous lifter (entry and exit on both sides), C-type continuous lifter (entry and exit on the same side).



Z type



C type



Item	Continuous Lifter
Conveying type	Z type / C type
Products size to handle	L200-1000mm × W200-1000mm × H20-1000mm
Lift height	≤20000mm
Run speed	< 1.5m/s
Rated load	< 50kg ( light type ) ; < 150kg ( middle type ) ; < 500kg ( heavy duty type )
Lift efficiency	< 1500 products/hour
Driven way	Chain
Main frame material	Carbon steel / Stainless steel
Outer cover plate	Mesh plate / Steel plate / Acrylic



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- Application reports from different industries cover a variety of operational possibilities.
- Quick product survey and contact information of our system consultants.

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