

THE HEAVY-DUTY
SPIRAL CONVEYOR

SERIES **JP** HYPERION



Jonge Poerink
CONVEYORS

JP HYPERION OVER 80 YEARS OF EXPERIENCE NEWLY DESIGNED

HYPERION: 'THE HIGH ONE'
THE CONVEYOR IS NAMED HYPERION
AFTER THE WORLD'S TALLEST LIVING
TREE. ITS ROBUST DESIGN ENABLES
IT TO CONVEY HEAVY LOADS TO
HIGHER ELEVATIONS.

The conveyor is equipped with the extra strong, heavy-duty Hyperion belt. With belt speeds up to 60 m/minute and belt widths up to 600 mm the Hyperion is the most powerful vertical conveyor solution in the marketplace.

STRONG BELT: HIGH CAPACITY

The JP Hyperion has a centre-driven steel chain belt of hardened links and can withstand belt tensions up to 4500 N. Friction of the belt is minimized thanks to its roller support and guide bearings. The strength of the belt, combined with its low friction, results in high capacity.

ROLLER SUPPORT: LOW ENERGY CONSUMPTION

The roller support and guide bearings minimize belt friction and reduce energy consumption. Only one motor is required, which facilitates control and system integration of a Hyperion conveyor and minimizes operating costs. The use of TPU (thermoplastic polyurethane) covered rollers makes the Hyperion a silent belt even at high belt speeds.

A STATEMENT OF QUALITY ON YOUR PRODUCTION FLOOR

Spiral conveyors are the eye-catchers on your production floor. Why not choose a conveyor that emphasizes your company identity? You can order the conveyor in your corporate brand colours. Besides ensuring a high throughput, the Hyperion conveyor makes a statement of elegance and class in your production area.

HOW REFRESHING 80 YEARS OF EXPERIENCE CAN BE

- Robust conveyor
- Heavy-duty Hyperion belt
- Innovative, energy-efficient technology

DISTINGUISHING FEATURES

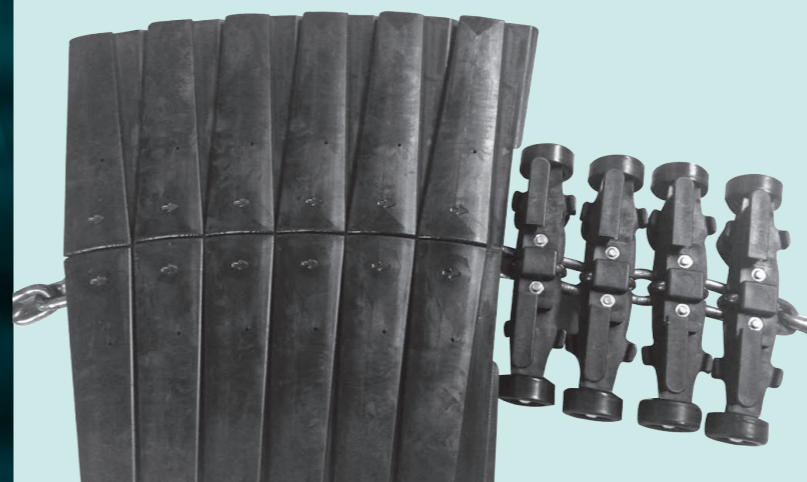
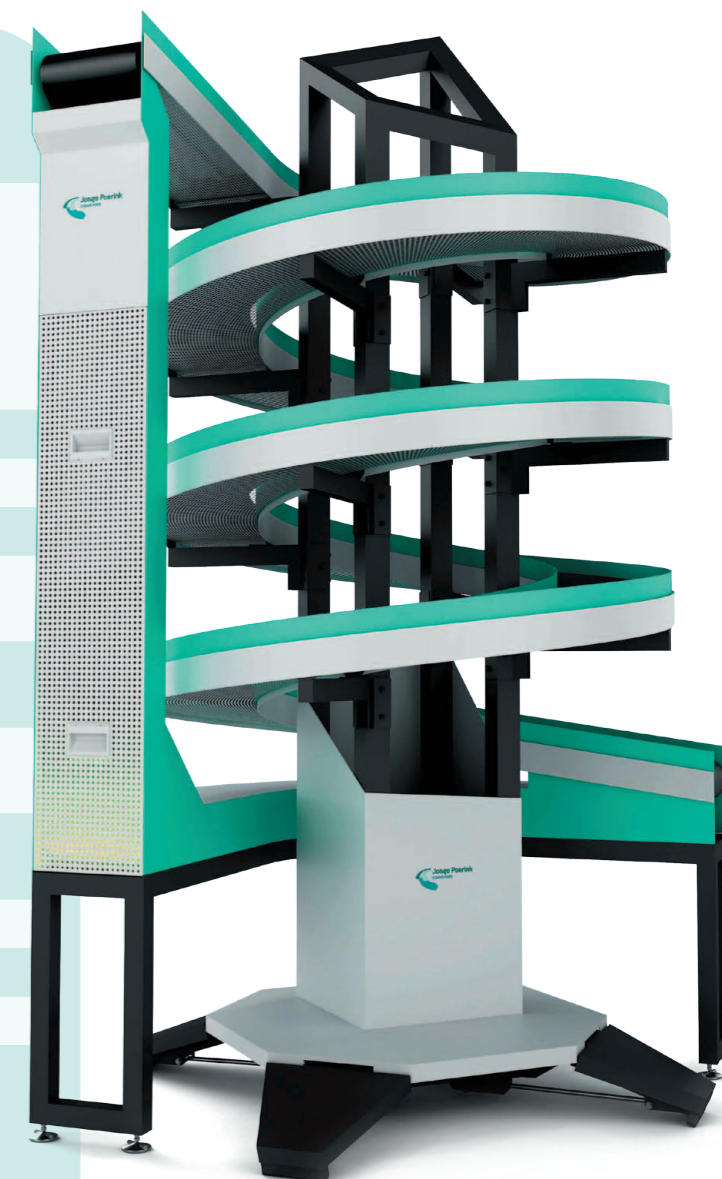
- Centre-driven steel chain with panels and wings
- Roller support and guide bearings
- Silent running belt
- Heavy loads and high speeds

FLEXIBLE DESIGN: IN-FEED AND OUT-FEED TAILOR-MADE

The flexible setup enables you to configure the JP Hyperion to suit your specific conveyance needs. The in- and out-feed are individually adjustable to match your production line.

TECHNICAL SPECIFICATIONS

Belt	Panels:	Glass fibre-reinforced polyamide (PA)
	Chain:	Steel with hardened links
	Wing:	Glass fibre-reinforced polyamide (PA) with anti-slide (option)
Belt width	600 mm 400 mm	
Belt pitch	42 mm	
Belt thickness	10 mm wing thickness	
Inside belt radius	500 mm (for BW=600)	
	450 mm (for BW=400)	
Outside belt radius	1100 mm (for BW=600)	
	850 mm (for BW=400)	
Guide bearing middle	Plastic-covered roller for smooth and silent guidance	
Guide bearing outside	Plastic-covered roller for smooth and silent guidance	
Sprocket	Z=14, Steel hardened, Stc=134.2	
Max. belt tension	4500 N	
Temperature range	0 - 60 °C	
Drive method	Sprockets (positive driven)	





CONVEYORS TO IMPROVE YOUR EFFICIENCY

JONGE POERINK CONVEYORS DESIGNS AND BUILDS CONVEYORS TO OPTIMISE YOUR PRODUCT FLOW. BASED ON MORE THAN 80 YEARS OF EXPERIENCE IN INNOVATING EFFICIENCY, OUR CONVEYORS HELP TO OPTIMISE THE THROUGHPUT OF YOUR PRODUCTION LINE AND IMPROVE YOUR YIELD.