

THE COMPACT CONVEYOR FOR
THE FOOD-PROCESSING INDUSTRY

SERIES JPFD



Jonge Poerink
CONVEYORS



Supplied and installed by:

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JPFD SERIES DESIGNED FOR FOOD-PROCESSING APPLICATIONS

THE JP FD SERIES IS DESIGNED FOR FOOD-PROCESSING APPLICATIONS. THE OPEN DESIGN OF THE CONVEYOR FRAME AND THE EXCELLENT AND EASY TO CLEAN HYBRID BELT ARE IDEAL FOR HANDLING UNPACKED FOOD PRODUCTS.

EASY ACCESS FOR MAINTENANCE AND WASHDOWN

The open design of the conveyor offers clear access for maintenance and washdown. This means reduced maintenance costs and better belt sanitation.

EXCEPTIONALLY CLEANABLE BELT DESIGN

The open double-slotted belt design prevents trapping of food in the hinge area between the rod and the module. Due to the double-slotted links and open module design the belt has superior sanitation characteristics.

NO LUBRICATION NEEDED

The conveyor belt in the JP FD Series has Stainless steel guide bearings. As lubrication is not needed, the JP FD is perfectly suited for the food-processing industry.

SUPERIOR PRODUCT HANDLING

The all-plastic contact surface ensures an excellent product release of unpacked food products such as poultry, meat and fish. The open design allows for an exceptionally large open area (up to 67 percent when the belt is expanded).

DISTINGUISHING FEATURES

- Only one drive needed
- Full-width rod ensures a flat belt surface
- No lubrication needed
- Modular setup
- Hygienic design of both conveyor and belt

“THE JPFD SERIES IS DESIGNED TO IMPROVE YOUR PLANT EFFICIENCY BY REDUCING COSTS AND IMPROVE TRANSPORT CAPACITY”

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JPFD SERIES FOR IMPROVED PLANT EFFICIENCY

LOW OPERATING COSTS

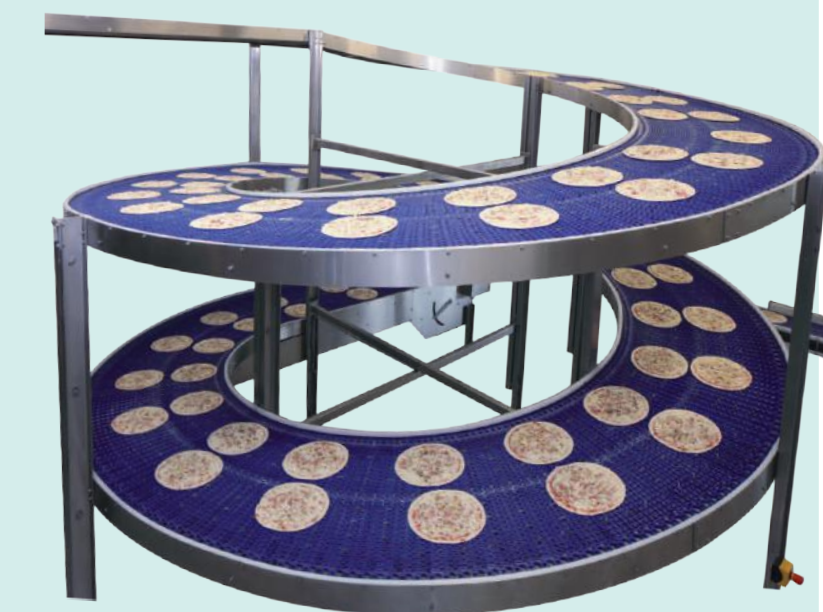
Low cost of ownership is one of the main benefits of the JP FD Series. The rigid construction of the conveyor and the use of high-quality components and materials ensure a long lifetime and low maintenance costs.

LONG TRACKS AND FEWER TRANSFERS

The use of bearings ensures a low friction coefficient and the spiral is driven by just one motor for up to 50 metres of belt length. Long tracks mean fewer transfers and therefore economical conveyance.

RELIABLE AND MORE UPTIME

The JP FD Series has proven its reliability under the most severe circumstances. The rigid construction and the strong belt with stainless-steel rods maximize uptime of your production line.



SPACE-SAVING SPIRAL TO OPTIMISE FLOOR CAPACITY

JP FD Spirals have a compact and floor space-saving design. With their small footprint and a curve radius of 1.5 x belt width, they optimise your floor capacity. The compact spiral fits into almost any plant design.



MODULAR SETUP FOR MAXIMUM FLEXIBILITY

THE JP FD SERIES HAS A MODULAR SETUP AND A BROAD VARIETY OF CONFIGURATIONS. THIS ALLOWS YOU TO CONFIGURE THE SPIRAL OR CONVEYOR EXACTLY TO THE LAYOUT OF YOUR PRODUCTION AREA.

WITH THE FLEXIBLE SETUP, THE JPFD SERIES ALWAYS FITS IN YOUR PLANT DESIGN.

ADAPTS TO CHANGES IN YOUR PLANT DESIGN
Because of its modular design, a JP FD conveyor is easy to dismantle and rebuild. The conveyor easily adapts to changes in your plant layout. You can easily incorporate and re-use the conveyor (or parts of it) if you upgrade your production line.

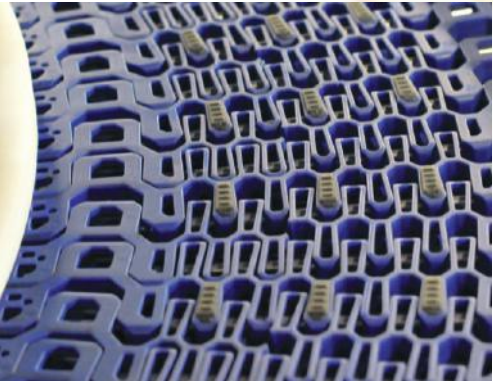
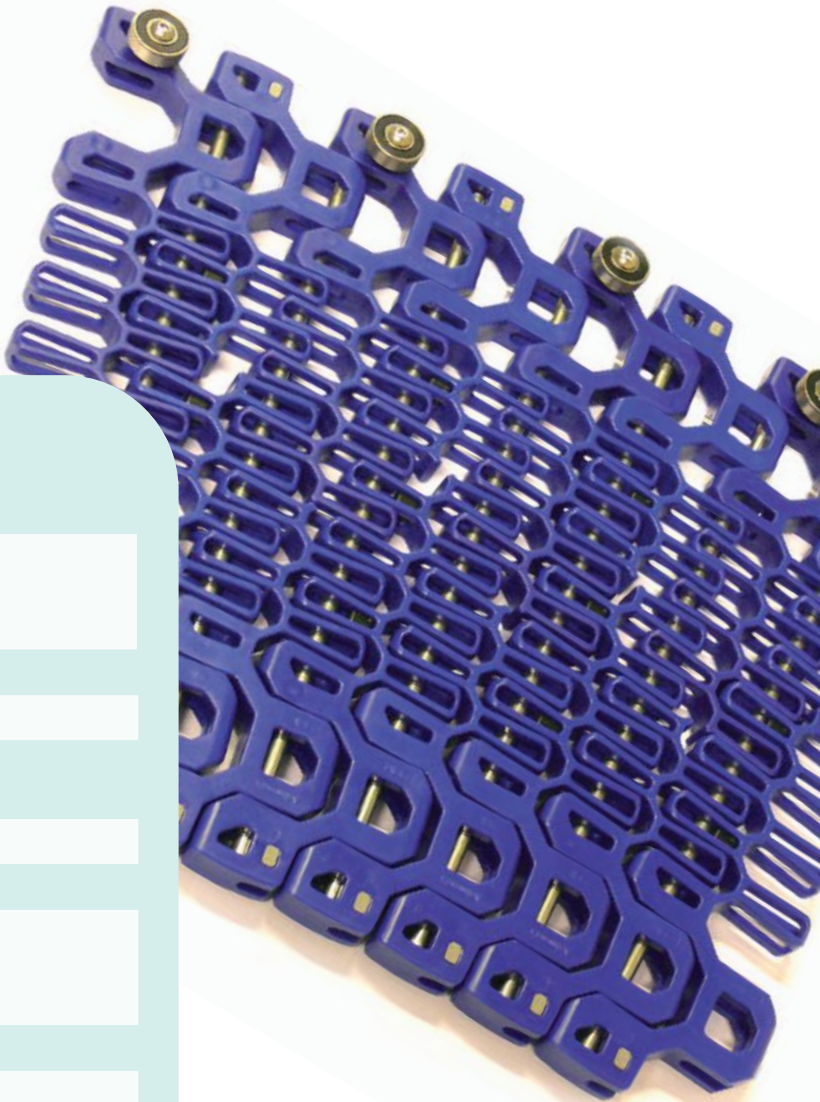
EASY TO INSTALL
JP FD conveyors are very easy to install. The conveyor components are modular bolted, which makes assembling and installing easy. The installation time needed is reduced to a minimum. JP FD is up and running in no time.



TECHNICAL SPECIFICATIONS

Belt	Acetal (POM) panels Stainless-steel rods, PA6 (Nylon) anti-slide
Minimum belt width	254 mm (10")
Belt pitch	50.8 mm (2.0")
Open area	67% expanded 61% avg. in turn
Belt thickness	14.3 mm
Rod diameter	6 mm
Turn ratio IR/BW IR = inside radius BW = Belt width	minimum 1.5
Frame material	Stainless steel
Turn direction	Bi-directional
Drive method	Sprockets (positive driven)
Standard Sprockets	Teeth, pitch diameter (mm) 10 teeth, 164.3 mm 13 teeth, 212.3mm
Temperature range	-45°C to + 80°C
Belt speed up to	25 m / min

Belt width	Effective belt width	Inside belt radius	Outside frame diameter
254 mm	234 mm	381 mm	1270 mm
305 mm	285 mm	458 mm	1526 mm
406 mm	386 mm	609 mm	2030 mm
508 mm	488 mm	762 mm	2540 mm
610 mm	590 mm	915 mm	3050 mm
660 mm	640 mm	990 mm	3300 mm
762 mm	742 mm	1143 mm	3810 mm
813 mm	793 mm	1220 mm	4066 mm
1016 mm	996 mm	1524 mm	5080 mm
Various sizes on request			



FRICTION TOP
JP FD Spirals are available with a friction-top conveyor belt for elevation of slick products such as frozen items. The anti-slide is made of PA6 FDA. This strong material is durable and long-lasting.

THE PERFECT FIT FOR FOOD-PROCESSING PRODUCTION LINES



HIGH-CAPACITY CONVEYING

The JP FD is designed for hygienic conveying of unit loads and unpacked food products. The rigid construction and the strong hybrid belt allow highcapacity conveying. This makes the JP FD ideal for highly demanding food-processing industries.

FLAT BELT SURFACE FOR A VARIETY OF LOADS

The conveyor belt in the JP FD Series combines plastic panels with stainless-steel rods. This design provides a very smooth and efficient conveying surface. The strength of the hybrid belt without the use of slats makes the JP FD suitable for a wide variety of load types and sizes.

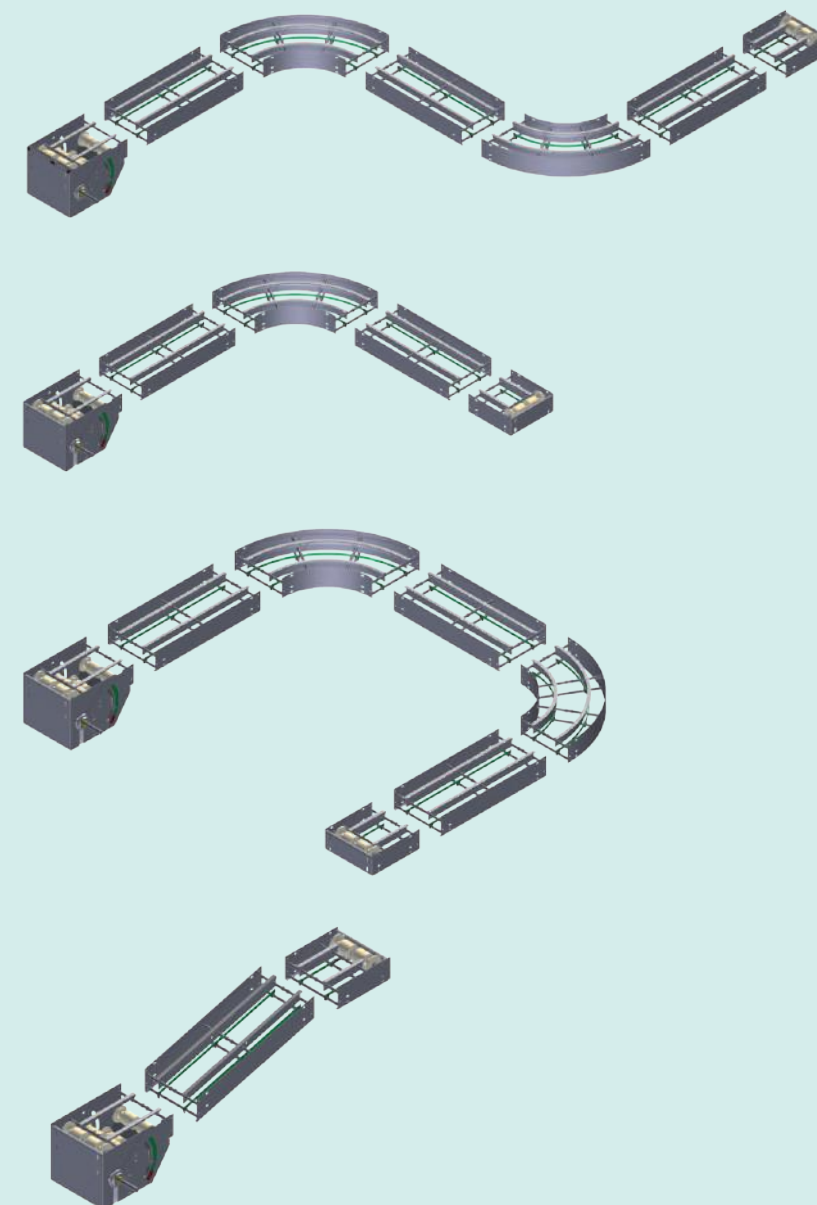
FRICTION TOP FOR CONVEYING SLICK PRODUCTS

JP FD spirals are available with friction inserts for elevation of slick products such as frozen items. The anti-slide is made of PA6 (Nylon). This strong material is durable and long-lasting.

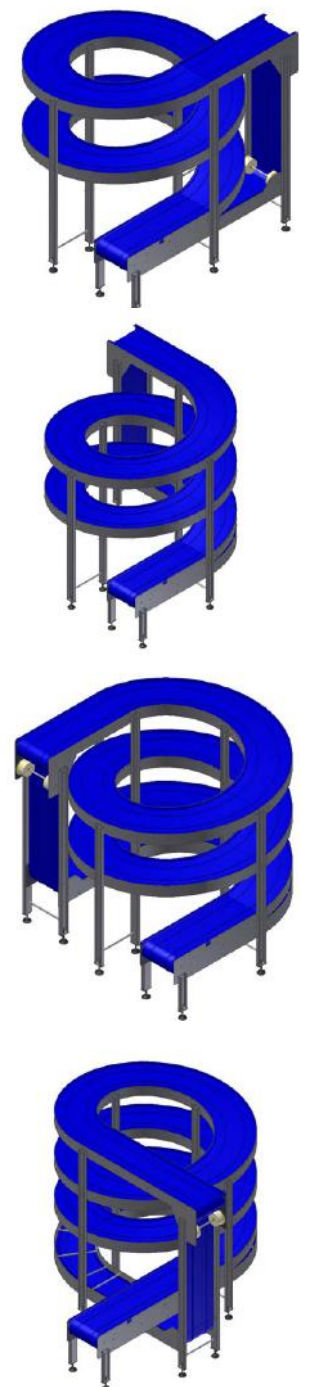


VARIOUS CONFIGURATIONS

Thanks to the modular setup you can configure JP FD to fit in the layout of practically every production area.



SPIRAL CONFIGURATIONS



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.