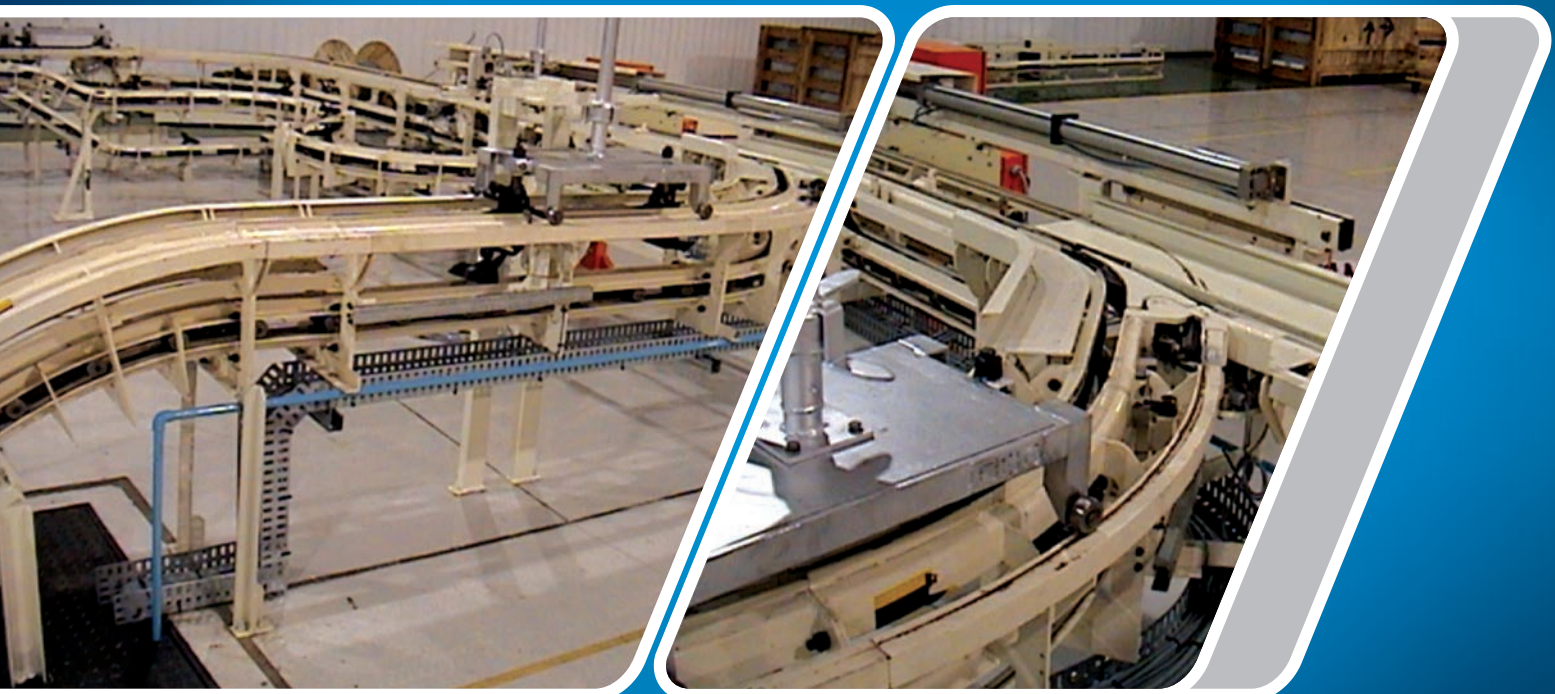


Inverted Power & Free Conveyor

TYPE - BPIVA60

- An inverted type of power and free system
- Can handle weight up to 150 kgs and up to 150° C maximum
- Suitable for painting & storage lines for plastic parts, bumpers etc.
- Can interface with any type of automation and process equipment



The inverted power and free system is designed to offer to the customers all the features of an overhead power and free conveyor along with the robustness and operational consistency of a regular skid conveyor system.

A specific floor mounted system precisely engineered and manufactured to meet the demands of industrial and automotive applications and processes where continuous supply of material to every work station is essential.

Equipped with automated accumulation and transfer of trolleys from one lane to another, the system offers maximum versatility, productivity and efficiency while keeping the cost low. It can negotiate inclines, declines

and curves and can easily interface with other automation and process equipments.

The conveyor can also be installed in a pit so as to have the floor space available for more important activities.

Power & Free conveyors provide direct, positive control of each load in the system making it ideally suitable for variety of industrial applications.

Every component like switches, stoppers, vertical and horizontal bends etc. have been specially designed, engineering and standardized to readily suit customer's specific requirements and space availability.

Features:

- Suitable to handle variety of loads.
- Conveyor elevation can be changed to suit the process or transportation requirement.
- Dolly can be stored inline without stopping the conveyor.
- Different dolly pitch is possible.
- Same dolly carriers can be used for storage and process line.
- Different speeds are possible (fast for delivery and variable speed for process lines).
- Dolly always remain in horizontal position

Applications:

- Plastic parts painting & storage lines.
- Bumper parts painting & storage lines.
- Continuous moving sub assembly lines.
- Storage lines with different models.

Benefits:

- Modular design.
- Easy to install and modify / extend in future.
- Easy to expand when production process changes / increases.
- Minimum maintenance.
- Facilitates computer interface / SCADA.
- Easy to link with production control systems.

Technical Data:

TYPE

Chain Pitch
Min chain dog pitch
Max. temperature
Max. load per trolley
Max. load per dolly

BPIVA60.

150, 200 mm
300, 400 mm
150° C
75 Kg.
150 Kg.

Standard Rail Length
Trolley

4500 mm
Grease sealed.

Horizontal Bend :
Degree
Radius

90°, 45°, 30°, 15°
800, 1000, 1200, 1500 mm

Vertical Curve :
Degree
Radius

20°, 25°, 30°, 45°
2400, 3600 R

Drive Unit :
Standard
On demand

Sprocket type.
Caterpillar type.

Take-Up Unit :
Standard
On demand

Weight type
Pneumatic type.

Switching
Min. Storage pitch
Accumulation stopper
Lubricator

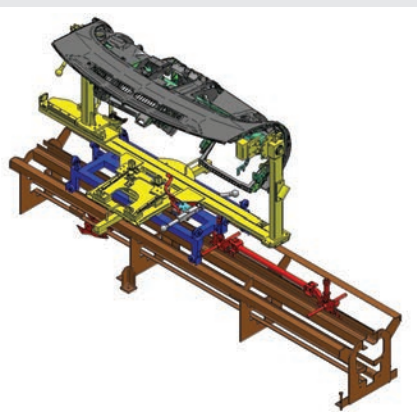
Pneumatic type.
350mm.
Pneumatic type.
Semi automatic
or fully automatic version.

Conveyor support design
Support pitch recommended

On request.
2250mm

Control units :

The computerized controls provided; increases efficiency and productivity. Wide variety of operations can be integrated using single control unit.



We Move Manufacturing...

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