

Overhead Trolley Conveyor

TYPE - BPOT40

- A power only conveyor system
- Can handle unit weight up to 100 Kgs and temp up to 220° C maximum
- Suitable for small plastic parts in paint and oven lines
- Carriers can be indexing type to enable access from all sides



A specially designed; modular and flexible power only (trolley) conveyor system which uses the bi-planar chain to offer versatility and suitability for use in steel and plastic parts painting lines apart from the general applications.

Designed and built to industry standards, these conveyors offer cost effective and reliable methods for moving parts in between fixed location and through the manufacturing and process operations and can withstand operating temperatures upto 220°C.

These conveyors are easy to install and modify and

require minimum maintenance which is unique for durable systems of this type.

The system also enables the components to move through the conveyor paths in 'always vertical' position, thus saving space and utilizing every available contours in the work area.

The overhead trolley conveyor system BPOT40, allows integration and automatic transfer of components to the floor based conveyor system, the BPFT60 and vice-a-versa.

Features:

- Conveyors can work at 220° C.
- Conveyor elevation can be changed to suit the process requirement.
- Different carrier pitch is possible.
- Indexing type of carrier can be design to make it accessible from all sides.
- Compatible with the BPFT60 system.

Applications:

- Plastic parts painting lines.
- Steel parts painting lines.
- Oven area conveyor (temp up to 220° C.)
- Pre-treatment lines.
- Parts delivery to main assembly lines.
- Continuously moving sub assembly lines.
- Transfer & storage of products such as various auto components
- Transfer & storage of whitegood products such as washing machine, Refrigerater, Television, Fan, Oven etc

Benefits:

- Modular design.
- Fast delivery.
- Cost effective system.
- Light in weight, easy to handle and install.
- Facilitates computer interface / SCADA.
- Easy to link with production control system.

Technical Data:

TYPE

Chain Type
Chain Pitch
Min. Hanger Pitch
Max. temperature
Max. load per carrier
Max. load per carrier

BPOT40

Biplaner type
150, 200, 250 mm
300, 400, 500mm
up to 220°C
up to 60 Kg.
up to 100 Kg. with load bar

Standard Rail Length
Trolley

4500 mm
Grease sealed.

Horizontal Bend :
Degree
Radius

90°, 45°, 30°, 15
750, 900, 1200 mm

Vertical Curve :
Degree
Radius

20°, 25°, 30°, 45°
1200, 2400 R

Drive Unit :
Standard
On demand

Sprocket type
Caterpillar type

Take-Up Unit :
Standard
On demand

Weight type
Pneumatic type

Lubricator

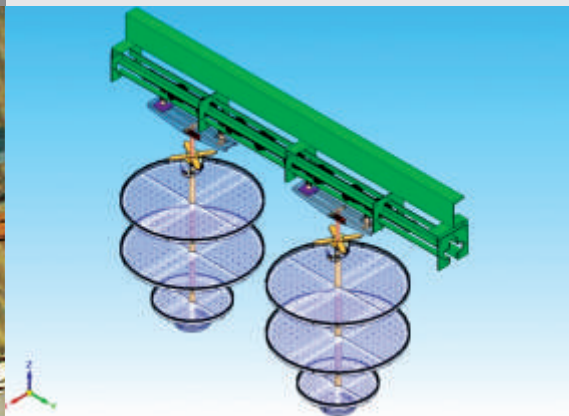
Semi automatic
or fully automatic version.

Conveyor support design
Support pitch recommended

On request.
2250 mm

Control units :

The computerized controls provided increases efficiency & productivity. Various operations can be integrated using a single control unit.



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AUTOMAG INDIA PRIVATE LIMITED

Regd. Office: Plot No 25, Survey No. 1,
Aamchi Colony, Bavdhan, Pune 411 021, India.
Tel.: +91 20 2295 1182 / 83 / 84 / 85 Fax: +91 20 2295 1187
sales@automagindia.in | www.automagindia.com

Pune | New Delhi | Bangalore