



SAL

Smart Aerial Line



The Smart Aerial Line for bike assembly is a totally innovative overhead conveyor based on modular design. Any length can be proposed, based on 4m long sections providing the smallest footprint for a defined number of working stations and given pitch.

The assembly line does not necessitate any specific structural modifications within factories for installation and can even be suspended on roof structure for zero ground occupation. Integrated PLC control provides with user configurable step period for efficient bicycle assembly operation. Brushless servomotor enables smooth line movement with fine line speed adjustment.

Standard clamp allows for a 360°X and Y rotation of the bicycle frame. For heavy bikes and additional Y 360° movement can be added to help bike unloading at the last station.



SPECIFICATIONS

Payload:	Up to 40 kg bicycle
Line length:	Any from 5 to 100m
Station pitch	Any size from 500mm to several m
Electrical connection:	230V
Power consumption:	1500 VA up to 40m length
Sound level:	<65 dB
Weight:	About 500kg per 4m section
Base section Size:	Size: 4 x 3,5* x 3,3**m
Safety mark:	CE

*Adjustable width

** Including 0,9m for bike hanger

MAIN FEATURES

- Modular aerial line specially designed for efficient bike assembly
- Flexible and fast adjustable number of stations (any configurable pitch)
- Integrated lightening
- Low friction and low power consumption conveyor
- Smooth and programmable line movement
- Standard clamps with X & Y 360° rotation

OPTIONS

- Extra 360°, Y movement clamp
- Operators interface software

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