

# Solutions for the Automotive Industry



The large production volume and high standard of quality for the automotive industry require continuous innovation in the production system. Efficiency, reduction in down time and safety of the operators are critical to success in today's competitive automobile industry.

Habasit offers innovative solutions for the production process of automobiles and their components.



# Applications



## Body shop and painting

HabasitLINK® plastic modular belts used in the transport of skids increase the reliability of the line, reduce maintenance and unscheduled downtimes. In case of a breakdown, the belt can be easily repaired by replacing the damaged modules in a minimum amount of time and without using complicated tools.

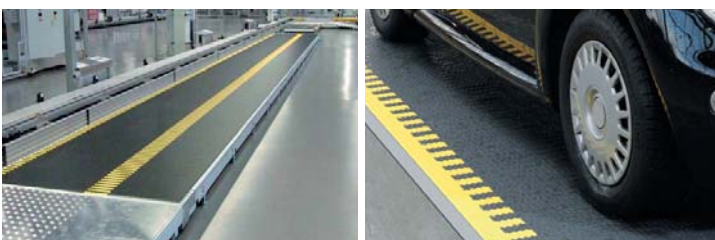
The **M6420** Flat Top 2.5" pitch plastic modular belt available in widths of 100mm and 200mm is injection molded with high strength materials and is capable of conveying even the heaviest products. The low friction silicon free materials require no lubrication, effectively reduce facility noise as well as power consumption and increase the lifetime of all conveyor components. Antistatic belt materials are also available for plants where operators are in contact with the belt's surface.



## Final assembly and quality control

The HabasitLINK® plastic modular belts **M6423**, **M5023**, **M2623**, **M2423** have been developed specifically for the transport of people and vehicles in the final phase of assembly and quality control.

The transporter/conveyor for moving people and vehicles allows the efficient and comfortable transport of the operator while providing a stable and safe platform. The flat working surface with a special non-slip finish permits the operator to walk safely even in the presence of fluids.



## Water test line

The **M6424** Perforated Non-Slip belt has been specially designed for utilization in the „water test line“ where the perforated surfaces allow the fluids to drain and nonetheless provide a safe conveying surface.



# Habasit products

## Skid conveyor

The multifunctional skid conveyor system for loading areas, queuing of products, body shop, paint shop and final assembly operations is nowadays equipped with light weight conveyor belts in comparison with the formerly used heavy and greasy metal chains.



M6420 2.5" pitch

- Time and cost saving due to easy installation
- Cost efficient and simple system design
- No tension system required
- Lower bearing load

## People mover

Traditional heavy rubber conveyor belts with steel cord members had a lot of disadvantages. Habasit's alternative solution: modular or fabric based people mover belts.



M6423 2.5" pitch



M5023 2" pitch

- Low energy consumption due to low coefficient of friction of reverse side
- Belt edge safety signal (belt edges can be equipped with yellow colored modules)
- Non-slip profile belt surface



M2623 1" pitch



M2423 1" pitch

## Water test line



M6424 2.5" pitch

- No dimensional change due to water absorption
- Optimal water drainage
- Non-slip profile belt surface

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**Rossi** is one of Europe's largest manufacturers of gear reducers, gearmotors, inverters, standard and brakemotors, and is a member of the Habasisit Group.

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