

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.

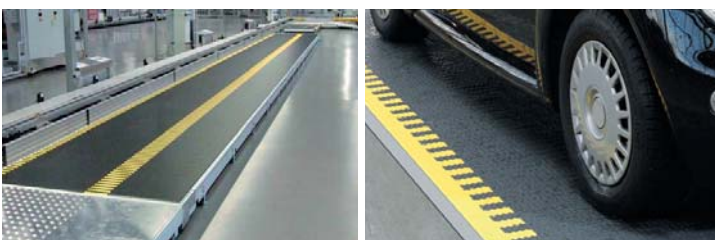
The **M6420** Flat Top 2.5" pitch plastic modular belt available in widths of 100mm and 200mm is injection molded with high strength materials and is capable of conveying even the heaviest products. The low friction silicon free materials require no lubrication, effectively reduce facility noise as well 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

Austria

Habasisit GmbH, Wien
Phone: +43 1 690 66
www.habasisit.at

Belgium

Habasisit Belgium N.V., Zaventem
Phone: +32 27 250 430
www.habasisit.be

Canada

Habasisit Canada Ltd., Oakville
Phone: +1 905 827 41 31
www.habasisit.ca

China

Habasisit East Asia Ltd., Hong Kong
Phone: +85 221 450 150
www.habasisit.com.hk

Habasisit (Shanghai) Co., Ltd.

Shanghai
Phone: +8621 5488 1228
Phone: +8621 5488 1218
www.habasisit.com.hk

France

Habasisit France S.A.S., Mulhouse
Phone: +33 389 338 903
www.habasisit.fr

Germany

Habasisit GmbH
Eppertshausen
Phone: +49 6071 969 0
www.habasisit.de

India

Habasisit-lakoka Pvt. Ltd., Coimbatore
Phone: +91 422 262 78 79
www.habasisitiakoka.com

Italy

Habasisit Italiana SpA
Customer Care:
Phone: 199 199 333
For int. calls: +39 0438 911 444
www.habasisit.it

Japan

Habasisit Nippon Co. Ltd., Yokohama
Phone: +81 454 760 371
www.habasisit.co.jp

Netherlands

Habasisit Netherlands BV, Nijkerk
Phone: +31 332 472 030
www.habasisit.nl

New Zealand

Habasisit Australasia Ltd., Hornby
Phone: +64 3348 5600
www.habasisit.co.nz

Norway

Habasisit Norge A/S, Oslo
Phone: +47 815 58 458
www.habasisit.no

Poland

Habasisit Polska Sp. zo.o.,
Dąbrowa Górnicza,
Phone: +48 32639 02 40
www.habasisit.pl

Russia

OOO Habasisit Ltd., St. Petersburg
Phone: +7 812 600 40 80
www.habasisit.ru

Singapore

Habasisit Far East Pte. Ltd., Singapore
Phone: +65 686 255 66
www.habasisit.com.sg

Spain

Habasisit Hispanica S.A.,
Barberà del Vallès
Phone: +34 937 191 912
www.habasisit.es

Sweden

Habasisit AB, Hindas
Phone: +46 30 122 600
www.habasisit.se

Switzerland

Habasisit GmbH, Reinach
Phone: +41 61 577 51 00
www.habasisit.ch

Taiwan

Habasisit Rossi (Taiwan) Ltd.
Taipei Hsien
Phone: +886 2 2267 0538
www.habasisit.com.tw

Turkey

Habasisit Kayis San. Ve Tic. Ltd. Sti.
Yenibosna - Bahcelievler - Istanbul
Phone: +90 212 654 94 04
www.habasisit.com.tr

Ukraine

Habasisit Ukraina, Vinnica
Phone: +38 0432 58 47 35
www.habasisit.ua

United Kingdom and Ireland

Habasisit Rossi (UK) Ltd., Silsden
Phone: +44 844 835 9555
www.habasisitrossi.co.uk

USA

Habasisit America
Conveyor belts, power
transmission belts, gearmotors
Suwanee, Georgia
Phone: +1 800 458 6431
www.habasisitamerica.com

Habasisit America
Seamless belts, timing belts
Middletown, Connecticut
Phone: +1 860 632 2211
www.seamlessbelts.com
www.habasync.com

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

Rossi S.p.A.
Via Emilia Ovest 915/A
41123 Modena - Italy
Phone: +39 059 33 02 88
www.rossi-group.com
info@rossi-group.com

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**Headquarters**

Habasisit AG
CH-4153 Reinach-Basel
Phone +41 61 715 15 15
Fax +41 61 715 15 55
E-mail info@habasisit.com
www.habasisit.com

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