





Our ambition is putting into service high-quality products, at the same time ensuring users needs.

















Softronic Group:

- Softronic: Producer of electric multiple units and locomotives.
- Softrans: Railway freight and passenger transport operator

Softronic deals with rail rolling stock construction, modernization, repairs and upgrades.

Established in Craiova Romania in 1999 with the main purpose of modernizing locomotives Softronic is today Southeastern's Europe single manufacturer of Electric Multiple Unit trains and locomotives.

Softronic proudly continues the city's tradition in the locomotive manufacture, our top engineers coming from the former Electroputere plant where over 3000 electric and diesel locomotives were built.

With more than 200 locomotives modernized, 18 new locomotives built and over 400 employees Softronic provides tailored and environmental friendly solutions to more and more clients.

Softronic values its employees (most of them young and top graduated from Universities) recognizing their importance helping them develop further, sustaining together the growth.

Softronic capabilities achieving high precision products



2007
Okuma turning machines





2008 Ermak Punch Press



2009 Plasma and Laser Machine





Softronic has fully integrated production capabilities to manufacture locomotives and EMUs from the ground up and to provide complete overhaul upgrade, maintenance and testing services including all support systems in their entirety.

2013 Okuma Milling machine



2011Bystronic laser cutting & bending machines



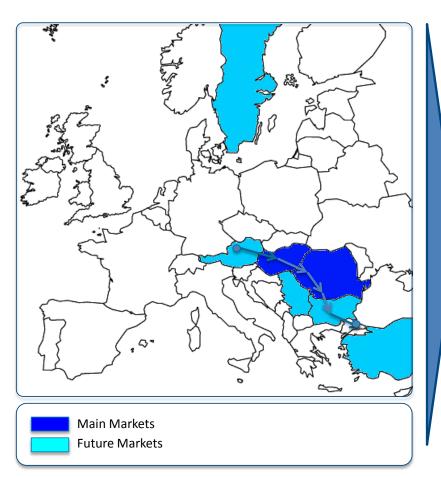


2010 Testing facility for engines





Our key to success is to develop rail vehicles for european clients capable to operate between Austria and Turkey



Partners

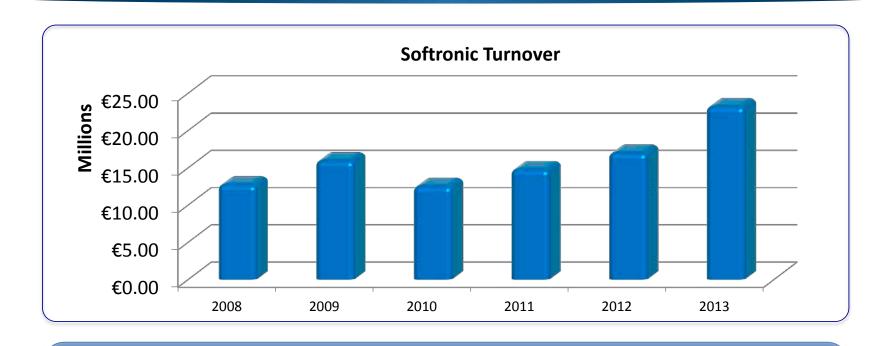
- DB Schenker (Romania)
- Garanti leasing
- Unicredit leasing
- **JME Consulting** (Sweden)
- BCR leasing (Erste Group)
- Raiffeisen leasing
- Intesa San Paolo

Main clients

- **DB Schenker** (Romania) **6 Softronic locos**
- **DB Schenker** (Hungary) **7 Softronic locos**
- MMV (Hungary) 5 Softronic locos
- Cargotrans Vagon (Romania) 1 Softronic loco
- Transferoviar Group (Romania) 1 Softronic loco
- CFR (Romania Rail States) 3 Softronic locos
- VestTrans Rail (Romania)

Continued Growth





For the last three years, Softronic has had a steady growth as we have increased significantly thank to the trust and confidence our clients have shown.

For 2014 we expect to grow by 30% showing the investment in our training programs under expert management and by the increasing number of locomotives and EMUs operating.



SOFTRONIC









By combining experience with innovations systematically oriented to client benefit and cost effective in 2011 Softronic built the first asynchronous traction motor locomotive in Romania.

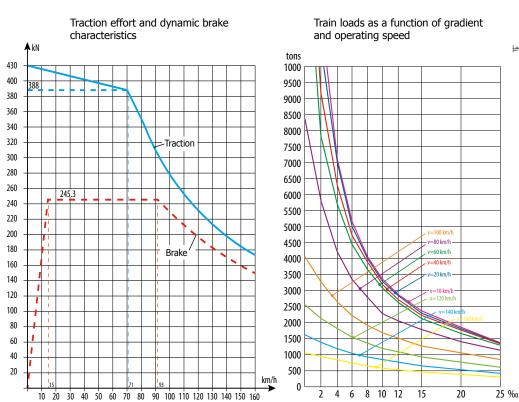
Understanding the needs of transport operators we are able to offer a modern and reliable locomotive Transmontana specifically adapted for country conditions like: Romania, Hungary, Slovakia, Austria and Turkey etc.

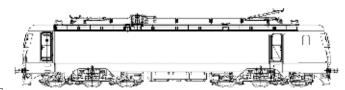
The locomotive, equipped with regenerative braking (21% economy), is powered with 15 kV AC an 25 kV AC, capable of reaching speeds of 120 Km/h when operating freight services and 200 km/h passenger traffic.

Transmontana is a 6600 kW electric six axle vehicle with a modern design meeting all technical parameters and the following standards: EN,ISO, UIC

Transmontana technical data







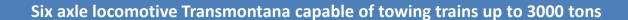
Traction engine	6 x 1100 kW
Power	6600 kW
Design speed	120/200 km/h
Tractive force at Start-up	435 kN
Traction Voltage	25 kV AC/ 15 kV AC
Safety Systems	PZB Indusi, EVM120, LS90, AWS (Anti wheels slide and slip protection)
Control system	Micro-controllers and microprocessors based



Top quality suppliers define a reliable locomotive









2800 tons 650m corn transport

2800 tons trains needs two 4 axles locomotives increasing costs and reducing profit



2800 tons 650m corn transport

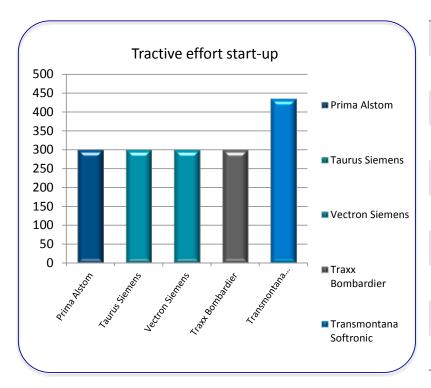
4 axle locomotive capable of towing up to 1860 tons trains



1860 tons 430m corn transport



Softronic delivers superior performance for a lower price compared to Europe's market leaders



Softronic Transmontana (6 axles)

6600 kW - 21,5 t/axle

Alstom Prima (4 axles)

6400 kW - 20,5 t/axle

Bombardier Traxx (4 axles)

5600 kW - 20,5 t/axle

Siemens Taurus (4 axles)

6400 kW - 20,5 t/axle

Siemens Vectron (4 axles)

6400 kW - 20,5 axle









Hyperion, Electric Multiple Unit Description















Softronic's newest product, Hyperion, is an electric multiple unit train bi-system capable to operate both 25 kV AC and 3 kV DC.

Hyperion is the first electric low floor train ever to be built in Romania, aiming to reduce costs and increase efficiency.

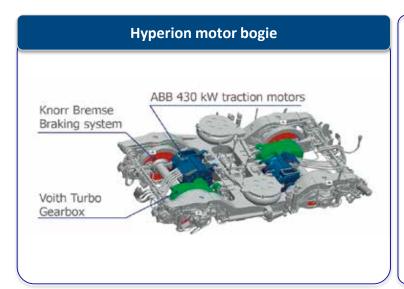
The train was built using cutting edge technologies after a 2012 project. In the same time it is based on our previous experience in railway vehicles manufacture and equipped with the best electrical and mechanical components.

Comfort and safety are key aspects of our train offering open-space compartments, free internet access, diffused lighting systems and comfortable seats. All of these making short and long journeys an enjoyable and recreational travelling experience.

The train meets the specific requirements of all European Standards (EN and UIC) and the technical specifications for interoperability (TSIs).



Hyperion technical data



Catenary supply voltage 25 kV - 50 Hz AC / 3 kV DC

Axle arrangement Bo'2'2'2'Bo'

Number of vehicles 4

Seating capacity 188

Standing capacity (4 ppl/m²) 215/225

Floor height: 600 mm

Entrance doors 1300 mm

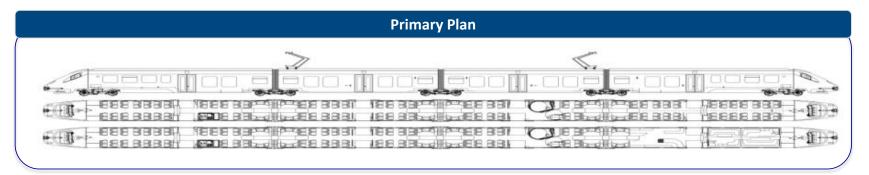
Number of entrances 1 entrance per car side (8 doors total)

Overall length 69 935 mm

Vehicle height 4230

Tare weight 134,6 t

Maximum acceleration 0.85 m/s²



Just in case – modules for prompt assistance



Quick access to 5 depots in Romania and one in Hungary (Budapest end of 2014)

24/7 Supervision and tracking of locomotives

Mobile service specialists based in Romania



Preassembled spares and wear parts for periodic maintenance minimizing downtimes

Maintenance concepts and documentation

Short delivery for spare parts

Our targets for the nearby future

SOFTRONIC





- Delivering strong and reliable locomotives capable to operate between Austria, Hungary, Romania, Bulgaria and Turkey.
- Entering the Sweden market with new locomotives.
- Developing the freight traffic in the space of
 15 kV 16% Hz. (Austria)
- Extending our product range with the DMU on the same basis as the EMU
- Opening a new depot in Budapest for locomotive maintenance and upgrades.
- Building a new plant in Turkey in collaboration with a turkish partner.

Quality Certifications



- L. Welding certificate according to EN 15085-2
- 2. Mechanical processing certificate according to EN ISO 3834-2
- 3. Quality management systems certificate according to SR EN ISO 9001
- 4. Safety management systems certificate according to SR OHSAS 18 001
- 5. Environmental management system certificate according to SR EN 14001

EUROPEAN FEDERATION
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International customers and suppliers help in developing an international rail vehicle supplier

Clients













Suppliers





























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