

Technical data / dimensions

Dead weight	40 t
Useful load	40 t
Total length	25.26 m
Load length	24.40 m
Maximum sleeper length	4.80 m
Bogies	RHS type
Bogie pin distance	19.3 m
Wheel set distance of a bogie	1.8 m
Wheel diameter	920 mm
Smallest curve radius	75 m
Maximum speed	beladen 100 km/h, leer 120 km/h
Brake	pneumatically/load-dependent with plastic brake soles (lärmarm)
Power of the diesel engine	16 kW
Hydraulic system	Hydrostat
Board voltage	24 V



Just-in-Time delivery on the day of installation



Site-based delivery



External preassembly of the switch

Delivery of switches Just-in-Time

[quickly – economically – timely]

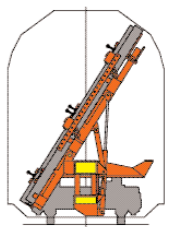
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The quickest way for an exchange of switch elements

[High flexibility with the WTW switch transport car]

▶ With its timely and cost-efficient delivery while at the same time at a constantly high quality, Euroswitch (Sersa/SBB) sets a new standard for the production, delivery and installation of switches.

The Just-in-Time switch delivery approach is the result of an extensive analysis of problems from the past, and has been developed in cooperation with the Schweizerische Bundesbahnen (SBB). Euroswitch supports this service, using the WTW switch transport car from

Matisa, which is unique in Europe.



Together for new solutions: Sersa and SBB

A service with a lot of benefits from which you can profit:

- External preassembly of the switches independent of the weather, including drive in the switch plant, eliminates the need for a disassembly prior to transport.
- Just-in-Time delivery of the switches and switch connections on the day of installation.
- Specially trained loading and unloading personnel guaranteeing the proper attachment and detachment of the switch parts.
- Unloading and installation of the switch parts by means of a track-bound crane directly on the site, eliminating the need for a spacious assembly area.

- No long-term disturbances of rail operation by previous material transports or unloading processes.
- Quick loading of old removed switch parts on the car for recycling in the switch plant, eliminating the need for a disassembly on site and an intermediate storage.

An intelligent, economic and convincing solution with its unique flexibility in practice:

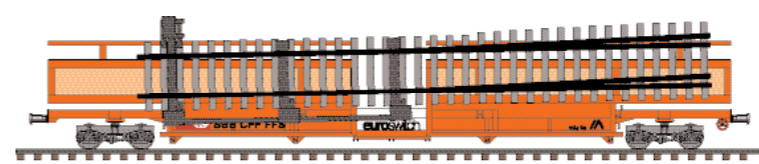


No disassembly before transport

The WTW switch transport car

To be able to deliver the switch parts quickly and timely – Just-in-Time – we use the specially developed WTW switch transport car.

- Safe transport of switches of the size SBB unit switch (EW) 185 up to 900.
- "Turn-key" preassembly of the switch.
- Transport of sleepers with a length of 4.8 m (profile OC 2 of the SBB).
- Lateral movability of the loading platform by 0.5 m, offering the advantage of loading and unloading in limited conditions.



- Sophisticated safety system:
 - Lighting fed by board facilities.
 - Emergency system for lifting and lowering the platform if the engine fails.
 - Optical profile display making loaded material protruding into the structure gauge visible immediately.



Delivery Just in time at the day of installation