



Container Transport and Loading System

CRIO



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The CRIO Container System is a transport and loading system for movable machines providing control and maintenance works in railway track systems. The system enables a very flexible and direct transport to the working site, a fast transfer to and from rail tracks and an easy switchover to the next maintenance site.

The CRIO System is installed on transport vehicles having platforms with standardized ISO container dimensions. The components of the system can be installed on the transport vehicle by crane or forklift and are fixed by standardized locking elements (twist lock system).

The procedure of transfer to and from rails is effected by a hydraulic winch system passing over a folding unloading platform and only takes few minutes. The power supply for the operation of all components of the system is provided by an integrated power generator set.

Both containers are equipped with foldable side panels which can be transformed into mobile working platforms facilitating the maintenance of the loaded machines or materials.

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Technical data of the container transport system CRIO

The CRIO System can be molded in long and short versions.

CRIO Version - long -

consists of a storage and a supply container fixed on the rear part of the wagon (platform 18m) so that additional storage space between the first container and the folding unloading ramp is available.

The long version is adapted for the transport of rail grinding machines of LRGM series with 2-3 wagons.



CRIO Version - short -

consists of a storage and a supply container which are fixed on the front part of the wagon (platform 12m or 18m), without additional storage space.

The short version is adapted for the transport of rail grinding machines of LRGM series with 2 wagons.



Length (two CRIO container)	13150 mm
Width	2440 mm
Hight (short CRIO version)	2590 mm
Hight (long CRIO version)	max. 2760 mm
Loading capacity of the unloading system.....	9000 kg
Electrical connection	1x 400 V 32 A CEE connection; 2 x 230 V AC socket
Power supply	generator set, 50 kW power output, 74 dBA
Lighting of working place	4 x 24V/70W halogen headlight
Safety provisions	- double overcentre valve on each cylinder of hydraulic ramp - guard rails provided on unloading platform - emergency actuations for all hydraulic functions, manual pump, spare electric winch - fire extinguisher provided on each end - backup lighting for emergency usage

DEVELOPMENT – DESIGN – MANUFACTURING – SALE – SERVICE

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