



case

Edition 61 | 2013

edilon)(sedra HSTS Heavy rail Slab Track System



Location	Venlo, The Netherlands
Project	Trimodale Container Terminal Venlo (TCT Venlo)
Length	1.200 m
Application	Construction of 1.200 meters of edilon)(sedra STS (Slab Track System) in a turnaround of only 10 working days.
Rail profile	54E1
Details	edilon)(sedra HSTS using pre-fab concrete slabs
Target	Suitable for heavy axle loads of container trains, reach stackers. Virtually maintenance-free system. During the installation process the container terminal remained in 24/7 operation.
Client	Europe Container Terminals (ECT)

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in rail systems!

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Growth in logistics and assurance of a well maintained container terminal stimulated the need for renewal of the rail transport system at Trimodal Container Terminal Venlo (TCT Venlo) in The Netherlands.

Consequently ECT asked edilon)(sedra, through rail system builder Dura Vermeer Rail Infra b.v. to construct 1.200 meters of edilon)(sedra HSTS (Heavy rail Slab Track System) at the terminal. edilon)(sedra successfully completed this track in the summer of 2013 in a turnaround of only 10 working days.



Challenges of this project:

- Reach stackers transport container upto 32,500 kgs;
- Front axle load upto 100 tons;
- During the installation process the container terminal remained in 24/7 operation;
- Stringent regulations for safety protocols (safety briefings, safe driving route on the terrain, etc).

Benefits of edilon)(sedra HSTS:

- Continuous elastic rail and slab support for less rail wear;
- Fast and efficient installation so operation will be less affected;
- Minimized Life Cycle Costs so better operational revenue;
- Virtually no maintenance on rail and slab so maximum availability;
- Adaptable to all rail profiles and various slab dimensions.

edilon)(sedra vision and mission points:

-) (Tailor-made solutions for railways and urban transit*
-) (Manufacturer of "n&v products" developed in our R&D lab facilities*
-) (Your partner for DCM-projects (Design Construct Maintain)*
-) (Decades of practice-proven products and technology*

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