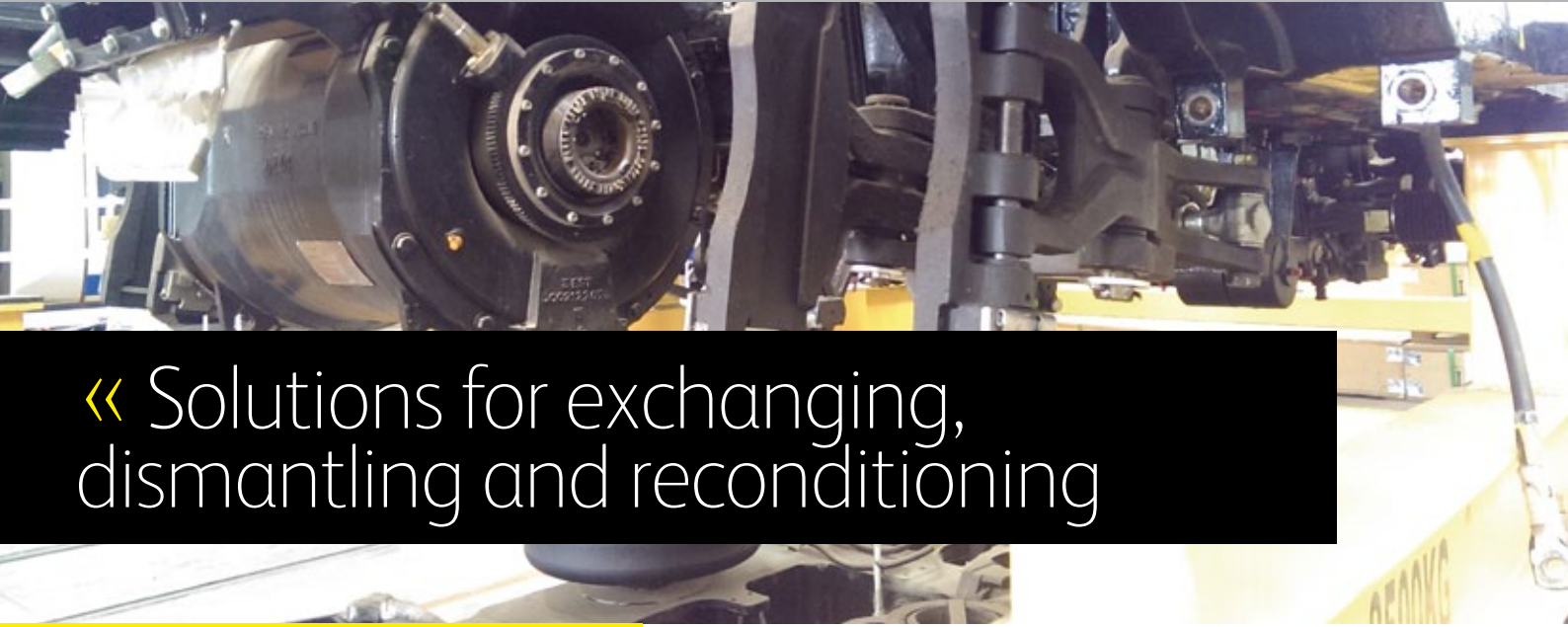




Bogie Handling



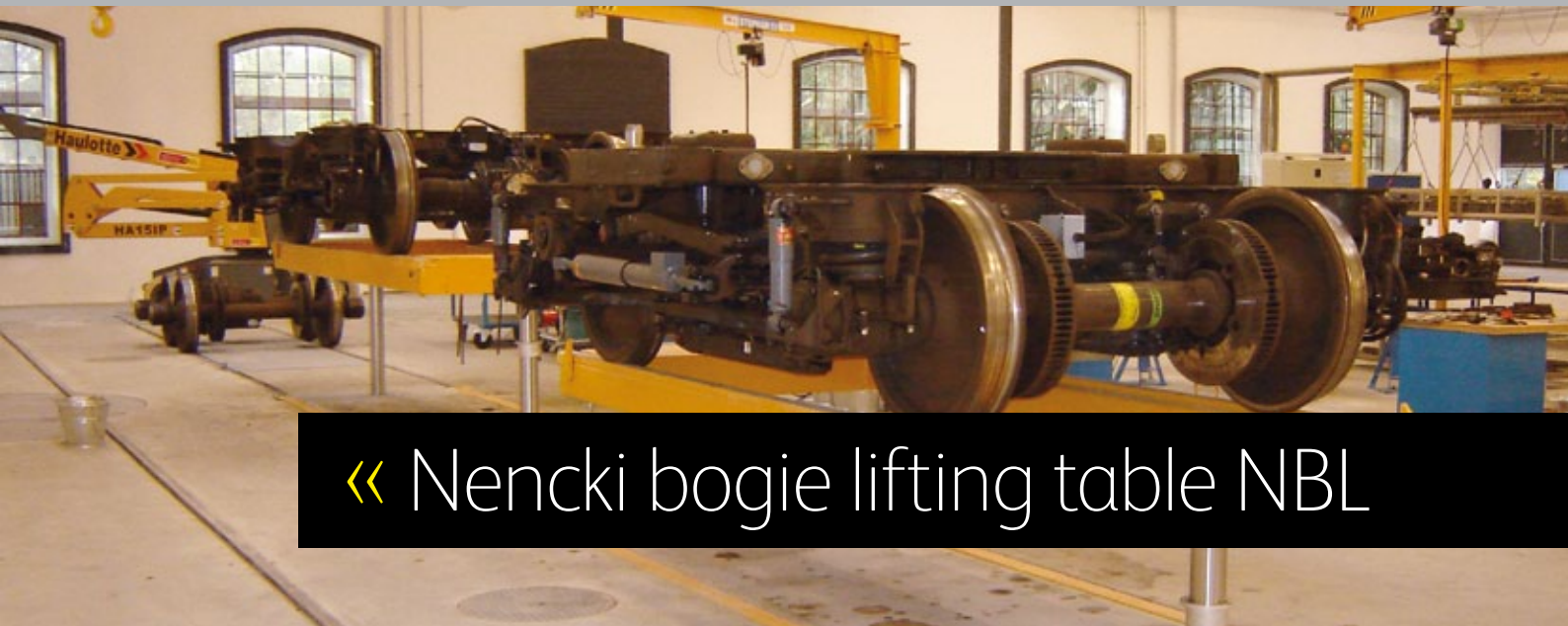
« Solutions for exchanging, dismantling and reconditioning

Nencki has manufactured numerous custom-made systems for the handling of bogies mainly for the domestic market during the past 40 years. The designs have now been modernized and modularized and made available for the international market.

Ergonomic and safe working for the dismantling and reconditioning of bogies as well as short processing time require investments in new solutions.

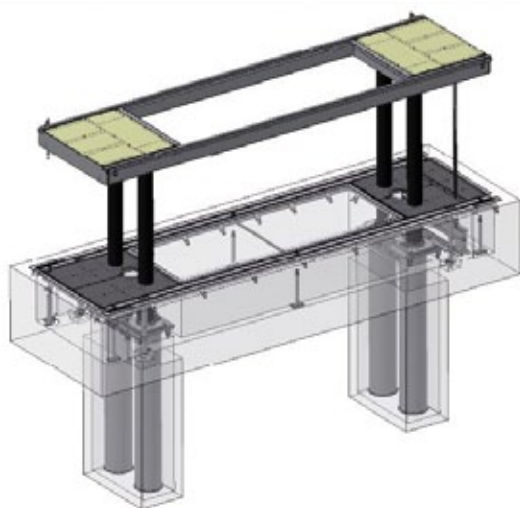
The systems are either suitable for an individual bogie type only or they have to be universal for several bogie types, depending on the workshop policy.





« Nencki bogie lifting table NBL

The Nencki bogie lifting systems are used for lifting bogies and wheel sets to an ergonomic working height. The unit serves for the assembly and dismantling of bogies and wheel sets and is also successfully used in bogie washing plants for years.



- « Continuously adjustable up to 2 metres from workshop floor level.
- « Flush with floor and traversable in the lowered end position
- « For all wheel gauges available
- « Maximum bogie weight 20 tons for 2 lifting column system
- « High and durable stability

80% LESS COST THAN FOUNDATION CONVENTIONAL SPINDLE SOLUTIONS

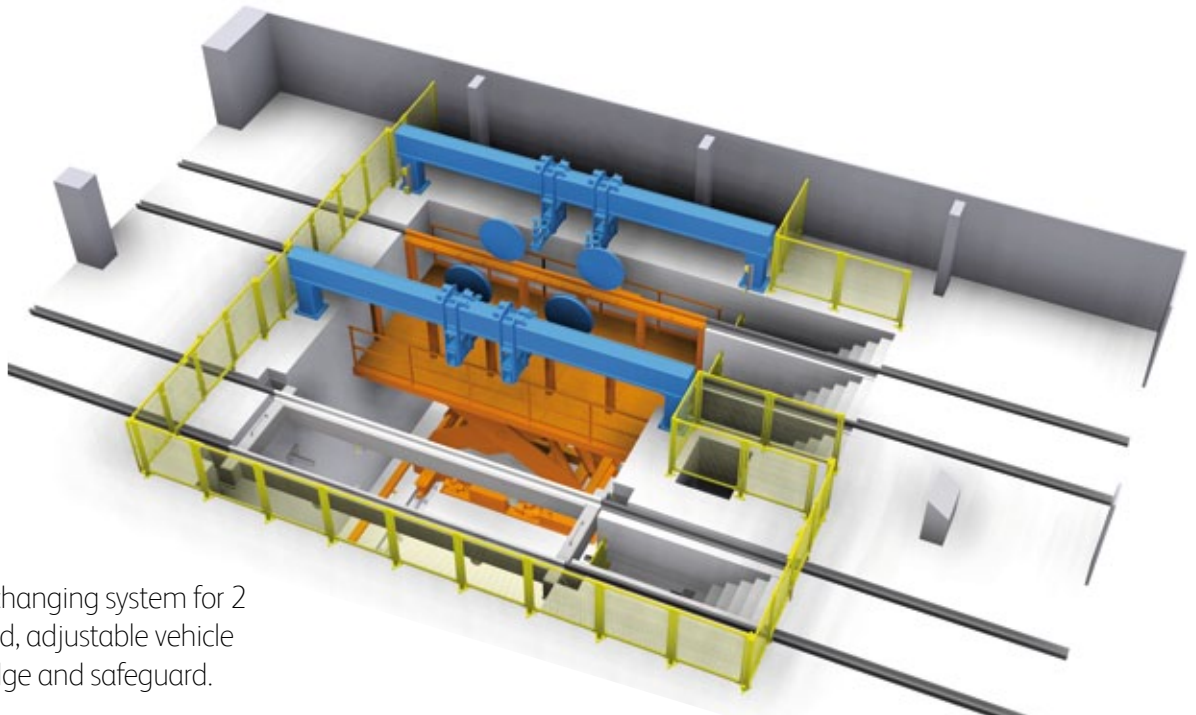
**NENCKI NBL WITH 4 COLUMNS
LIFTING CAPACITY UP TO 40 TONS!
IN USE OF LOCOMOTIVE WORKSHOPS**



« Nencki bogie drop and exchanging system NBD

THE NENCKI BOGIE DROP AND EXCHANGING SYSTEM NBD IS USED FOR THE SAFE AND FAST EXCHANGE OF BOGIES AND INDIVIDUAL COMPONENTS

- « Systems with a lifting force of up to 40 tons. Traversable when in the standstill condition.
- « With automatic synchronization for avoiding the platform from tilting
- « The Nencki bogie drop system is modular designed.
- « Optional: Visualization of the exchanging procedure and report on the machine condition to an overriding system



Layout of a bogie exchanging system for 2 tracks, with fix installed, adjustable vehicle body support, rail bridge and safeguard.



BOGIE LOWERING SYSTEM
FLAT TABLE



LOWERING SYSTEM WITH CHAIN
PLATFORM ALLOWS EASY
ACCESS DURING ASSEMBLY OF
THE BOGIES.



CART SUPPORT MOBILE:
WELL-TRIED AND SIMPLE
PRINCIPLE FOR CAR SUPPORT

« Bogie assembly press NBP



For compressing bogies in order to remove the transport safety device off the primary spring.

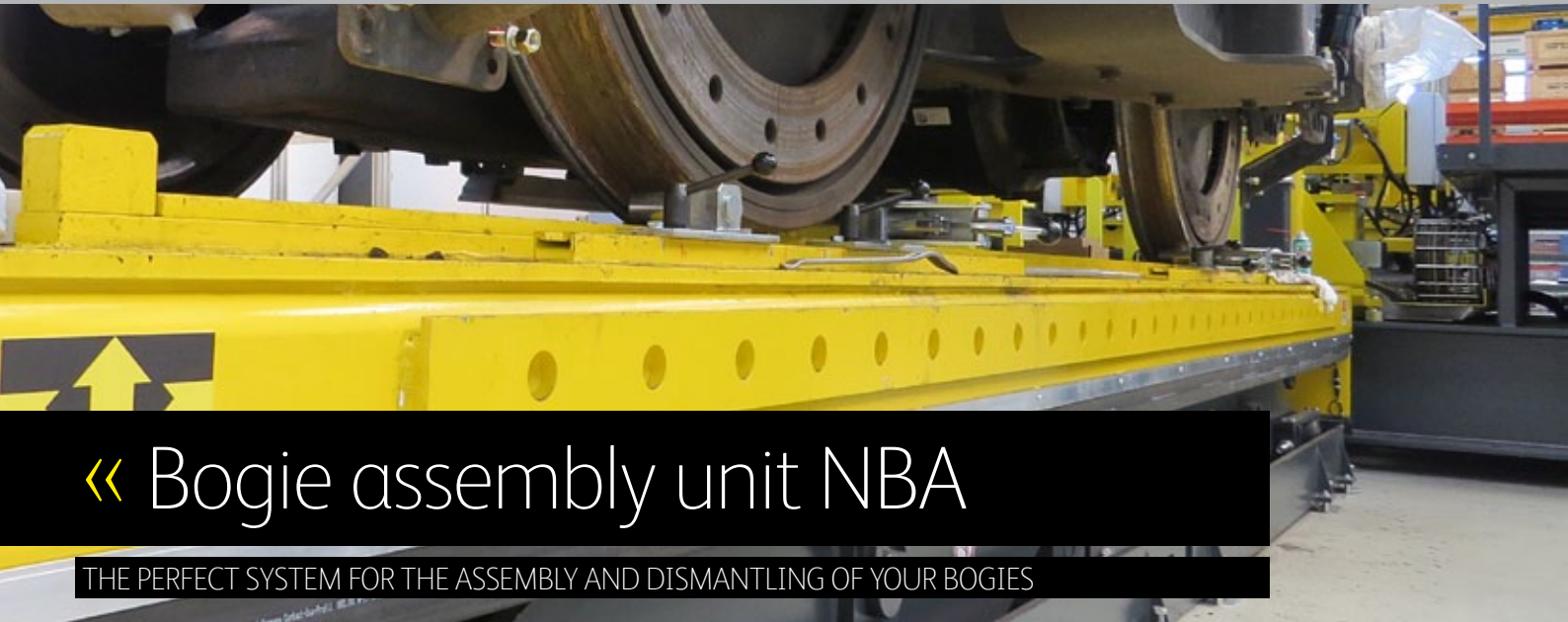
- « Individual adjustable press cylinders with electronically controlled load application and digital display of force and stroke.
- « Movable on the floor in the bogie running direction.

« Mobile press NSP

The universal used mobile press, height adjustable, with a force of up to 10 tons. With integrated hydraulic system and manual control valves. Very suitable for the easy assembly and removal of primary springs.



PRESS WITH TYPICAL APPLICATION.

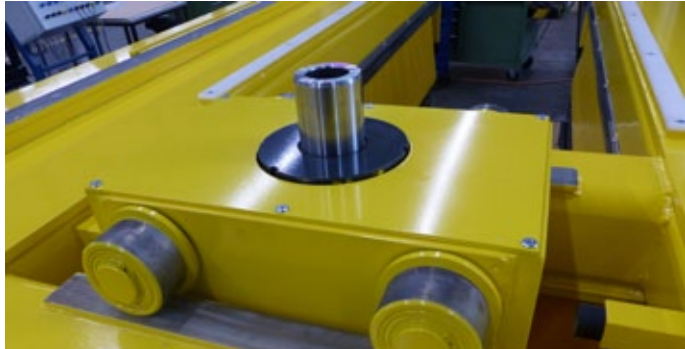


« Bogie assembly unit NBA

THE PERFECT SYSTEM FOR THE ASSEMBLY AND DISMANTLING OF YOUR BOGIES



- « Complete bogie assembly and dismantling within a smallest space
- « Bogie weight up to 21 tons
- « Optimum access onto the bogie thanks to open-frame construction
- « Adjustable supports and positioning assistances for motors, gear boxes, etc.
- « Installation at floor level and under floor possible
- « Infinitely height adjustable up to 1'600 mm
- « Directly attachable onto the Nencki bogie test stand



ADJUSTABLE PULL-IN DEVICE FOR THE SAFE FINAL ASSEMBLY OF BOGIE FRAMES.



GUIDES, SUPPORTS AND SAFETY UNITS ENSURE YOU OF A SECURE HANDLING OF BOGIES.



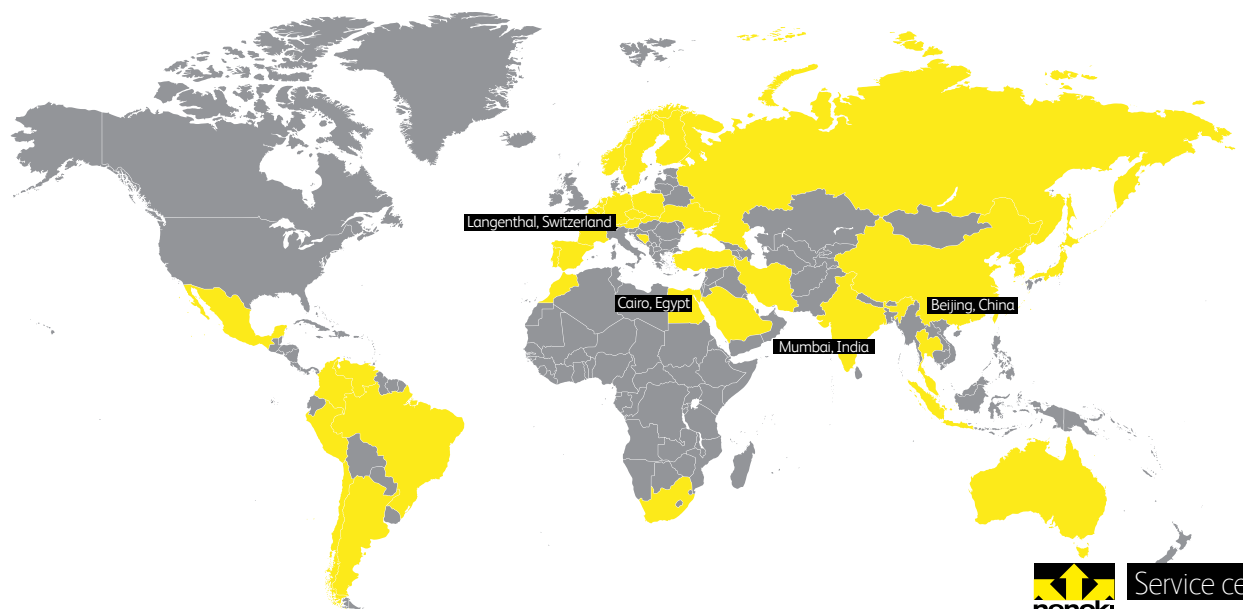
« Nencki support

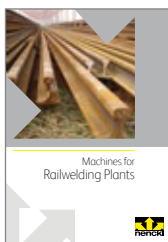
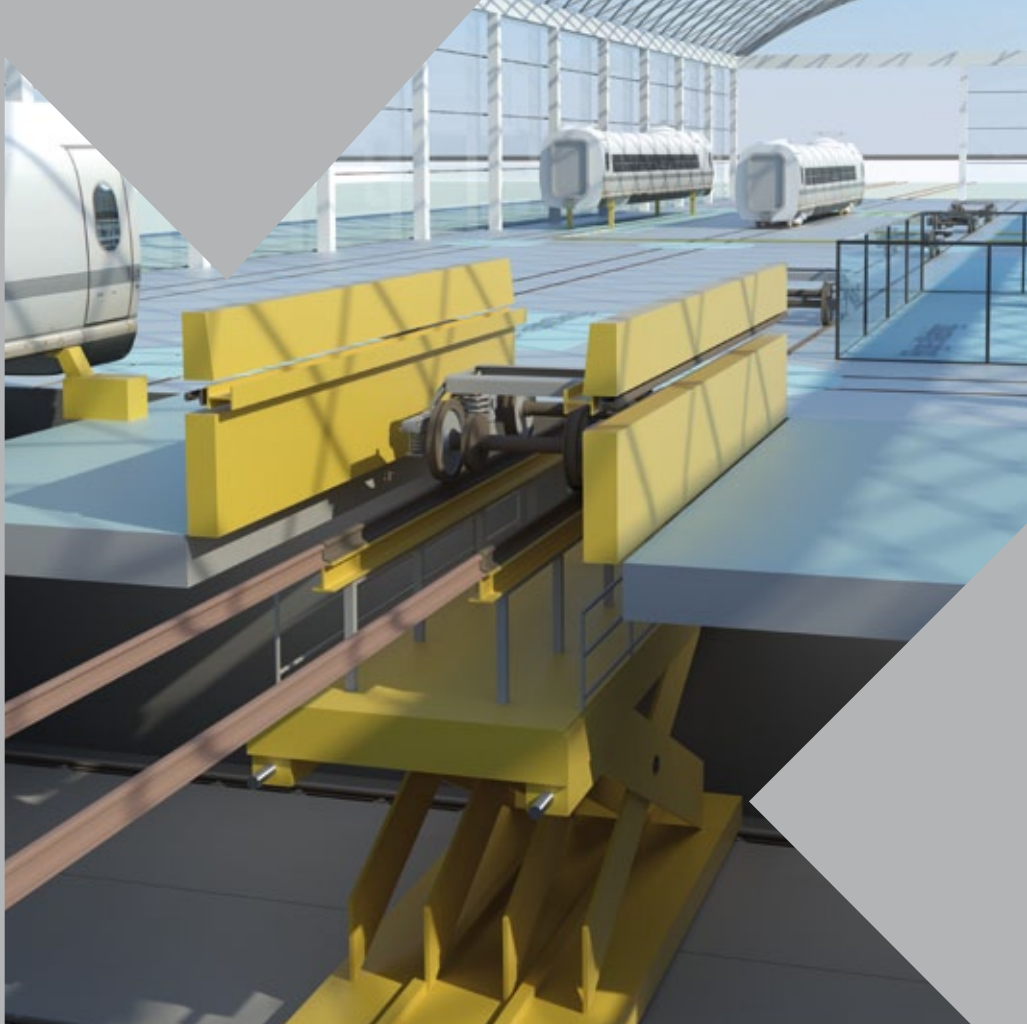
BEFORE AND AFTER THE SALE

In collaboration with local partners in the most important markets, Nencki Railway Technology is able to offer full support already in the evaluation phase.

The international service department with worldwide agencies of Nencki Railway Technology guarantees maximum machine availability. Very well educated and multilingual service engineers carry out an optimum support during the entire lifetime of a machine. Our services include:

- « Installation and commissioning
- « Training
- « Tele-maintenance
- « Service contracts
- « Spare parts
- « Upgrades





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