

THE PERFECT WORK ENVIRONMENT FOR DELIVERING QUALITY MAINTENANCE.



ITS BENEFITS. YOUR BENEFITS.

Protected working space becomes a mobile work house.

- Extensive protected working area due to extendable side walls by up to 1 m each
- Protection against the weather due to closing the blinds of the windows
- Reduced noise and light emissions
- CCTV monitors and laser protection systems to permit sidewall opening with adjacent line open
- Option: Advanced protection against uncontrolled flying ballast from trains on the adjacent

Great facilities. High quality of work.

- Use of two chain hoists thanks to a massive longitudinal beam
- Energy supply for hand-held machines in the work space due to two electrical safety sockets and one power supply connection at the front and rear of both side walls
- Option: Hydraulic or pneumatic energy supply

Precision in every work process.

- Re-railing including work preparation and postprocessing
- Repadding
- Repadding and spot alignment
- Maintaining and renewal of insulated rail joints
- Maintenance work on Switches&Crossings (S&C)*
- Grinding of S&C*
- Neutralising rails
- Renewal of small track components
- Correction of individual errors in the track
- Ultrasonic tests (rail)
- Cladding
- Inspection and maintenance of rail joints, insulated block joints and grounding equipment on the track

Related work area depending on the turnout radius and turnout type

EDV-Nr.: 76000022



TECHNICAL SPECIFICATIONS

Total length over buffers	28 m
Max. axle load	20 to
Max. speed	100 km/h
Total weight	72 to
Lifting power	
Over head crane version light	600 kg (rail handling up to max. 2.0 m)
Tail lift	1,5 to
Over head crane	2,5 to
Max. workspace with	
closed side walls	46 m ² (18m x 2,6m)
extended side walls	82 m ² (18m x [2,6m + (2x1m)])
Track gauge	1435 mm
Kinematic gauge	UIC 505-1_Number 6.1_6.2_6.3
Noise protection	TSI Noise
Approvals	TSI, EN
Marketable	Europe

Dimensions and weights approximated. We reserve the right to modify in the course of technical development. Prices excluding VAT. Copyright secured.

OPTIONS

Operating cab

With space for train driver and assistant

- Remote desk
- Driver and assistant seats
- Windows with windscreen wiper device
- Side windows with slide opening
- Roller blind

CO2- air conditioning system

- Integrated heating
- CO2 as a refrigerant

High-End crane version

- Lift capacity 2.5 T per crane
- Incl. radio remote control
- Synchronous operation with two cranes is possible
- Designed to access the full working even with the side walls fully deployed

Radio remote control

- All functions of the crane modules can be remotely controlled
- Two crane modules can move & lift with synchronous operation from one remote control
- Possibly display of lifting capacity

Train Control System

National or European Train Control System

Communication device

Communication within the train is via fixed intercom

Door in the side wall

- For better access to the track lineside
- Dimensions: 2 m x 2 m (above rail level)

Light barriers

- Protecting staff in the working area when in creep mode, when the light barrier is triggered the machine is automatically braked
- Light beam safety trigger can also be installed at the top of the steps to prevent entering the working area during creep mode

Additional electrical supply

Maximal extension of two Schuko sockets and one power connection can be integrated

Pneumatical supply

Two pneumatic connections can be integrated on each side of the vehicle (10 bar, Euro compressed air connection).

Additional hydraulic connections

One hydraulic connection (P, T, L) can be integrated in the side walls at the front and at the back (four connections in total)

Flange lubrication

A REPS version or graphite pin version is available

Video system

Display

- the track directly in front and behind the vehicle
- the side walls in the direction of travel

The view will change automatically depending on the driving direction

Extended Side protection

Electrically deployed:

- Integrated into the sidewall panel
- Deploying until level with the ballast, section by section
- Associated hydraulic are located in the side wall.

Manually deployed:

Plastic side protection plates can be manually hung on the lower part of the side wall

Control panel Supervisor

Desk equipped with seats, additional dead mans switch and controlling of all functions that are relevant for the work operation at the desk

- Creep control (with engine start and stop)
- Brake
- Extend and retract sidewall
- Blinds control & lighting
- Laser system for monitoring Sidewall spacing to the adjacent line
- Display device of the video system

Window with slats

- Pneumatically openable, electrically operated
- Low noise emissions to the outside with closed louvers
- Daylight and air exchange with open slats

Integrated rail stressor

To tension the rail following re-railing work

Mobile suction device - for fume extraction

- Short exhaust tube
- Simple and quick setup with quick-release fasteners
- Flexible and adjustable in the working area
- Detachable cover (Ø600mm) -> Ideal for collecting all fumes when welding
- The suction device with the Ø200mm diameter hose can be brought very close to the weld position without affecting the welder

Rail storage on the side wall

- For direct rail transport on the side wall, including transport protection
- Carries 2 rails of 15 m length per side

Low temperature version

Machine can be upgraded to work down to -40 °C