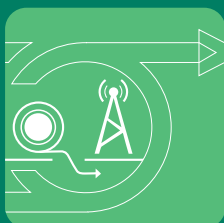
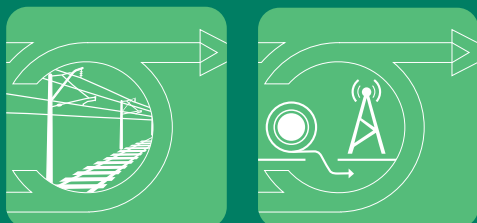




ZECK NEWS



STRINGING MACHINES
MADE IN GERMANY

www.zeck-gmbh.com

CONTENT

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MACHINE GENERATION VERSION V007

STANDARD EQUIPMENT



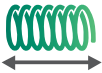
SAFETY

- Increased occupational safety due to intuitive operating concept
 - Optimized visualization
 - Reduced number of operating elements
- Easy change of operation mode by pressing a button to switch between pulling mode, ATS tensioning mode or SLTS tensioning mode
- New and simple operation of the speed control. Comfortable and quick adjustment of the stringing speed
- Larger, rpm-controlled hydraulic oil cooler for a more energy-efficient and stronger cooling effect
- Electric hydraulic oil level indicator



SAFETY

Safe operation of the hydraulic supports due to decentralized operation by touch of a button (from WB 1500/5)



PRETENSION WB 1800

- Electrically adjustable drum stand pretension with pressure indication (bar) in display of remote control and control panel
- Electronic TB pretension regulation for puller-tensioners with bull wheel \varnothing of 1800 mm



DAILY CHECK

- Daily machine checks



SLTS SMART LOW TENSIONING SYSTEM

- (from WB 1500/5) with improved functionality. Large ZECK puller-tensioners (e.g. with a tensioning force of 270 kN) also achieve a minimum tensioning force of approx. 2 kN.



OVERVIEW OF LOCATION AND MACHINES

- Display of all machine locations
- ZECK Online Portal - here you can keep an eye on all machine data and pulling data in your fleet



OPTIONAL



REMOTE CONTROL

- New large color display showing all relevant data
- Increased operating comfort
- New frequency range and fully automatic frequency management for an optimized wireless connection



SYNCHRO MODE

- Optimized multiple synchronization system for up to 4 machines



CONTROL

- Automatic oil condition analysis



ROPE CLAMP

- Automatic rope clamping system for up to 6 ropes. For maximum safety when changing the reel and drum



PRETENSION

Electronic TB pretension regulation ensures even gentler handling of HTLS|ACCC conductors and constant pretension when changing the unwinding diameter of the rope drum

- Force indication (kN) in display of remote control and control panel
- Condition: Drum stand with corresponding optional equipment

REMOTE DIAGNOSIS ZECK CONNECT



MACHINE GENERATION V007

The new ZECK CONNECT remote diagnosis system reads out machine data, and analyzes and processes information from all pullers, tensioners and puller-tensioners. All data is visualized in the ZECK CONNECT portal.

Our Technical Service can provide specialized support at all times using the data provided. If a client requires an on-site visit from a ZECK service technician, the data provides us with all the information needed to prepare perfectly for the service appointment.



DAILY MACHINE CHECKS

Data retrieved by ZECK CONNECT allows the fleet to be checked on a daily basis:

- Machine usage statistics
- Monitoring of technical machine data, such as temperature, pressure of the hydraulic system and operating hours
- Machine monitoring



PROACTIVE SERVICE

- Preemptive machine maintenance resulting in fewer downtimes
- Automatic retrieval of operating hours
- Rapid provision of tools and spare parts for service
- Increase in machine availability



GEOFENCING - DETERMINING THE LOCATION

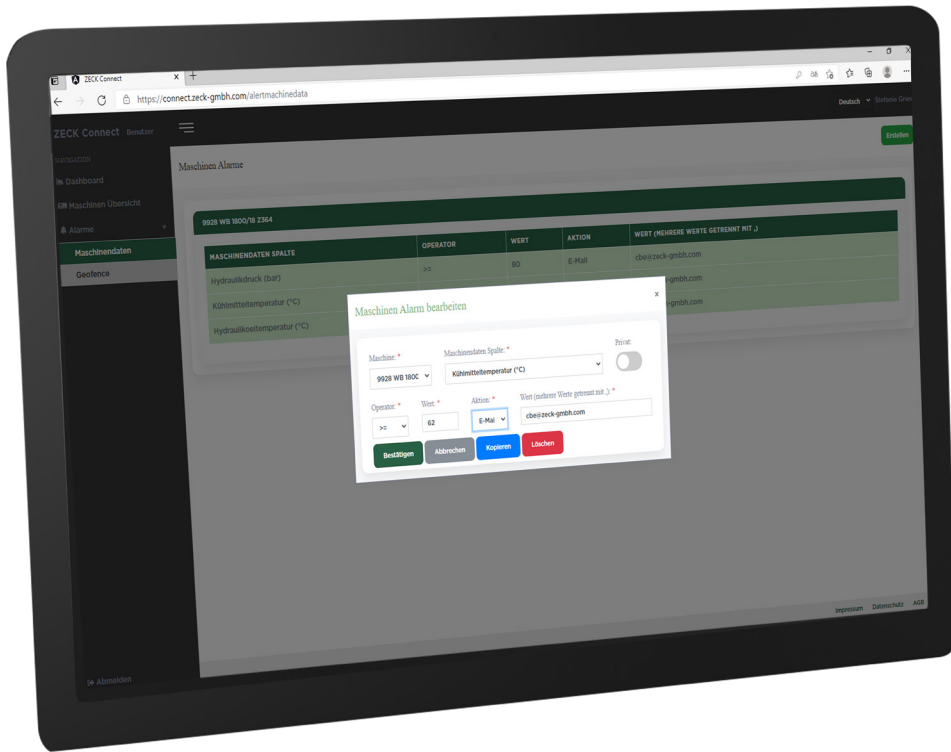
- Locations of all ZECK machines are identified and displayed on a map in the ZECK Connect portal
- ZECK CONNECT can be used to define virtual fences that allow the machine location to be monitored. If the machine leaves the defined area, the system sends out a message (anti-theft protection)



ZECK CONNECT SUPPORT

ZECK CONNECT portal - the future-oriented tool for connecting users.

If a service is required, all the relevant data is recorded and sent to ZECK After Sales to provide specific support remotely or prepare perfectly for an upcoming service appointment.



ZECK CONNECT PORTAL

ZECK CONNECT APP

Provides an overview of all the machine and pulling data in the fleet

ZECK CONNECT app – Wireless transfer of pulling data from the machine directly to the smartphone/tablet (download, view, share/forward)



SYSTEM AVAILABILITY

- All ZECK machines from generation V007 available
- Interface to ZECK On Site (ZOS) BIM/construction site software

SAGGING PLATFORM



SAGGING PLATFORM IN A NEW, PATENTED DESIGN

- Aluminum lasered edge profiles
- For horizontal use at strain towers
- High surefootedness due to aluminum profile and extra wide working surface
- High-quality RUD chains, continuously adjustable
- Fast assembly due to pre-installed suspension fixture with chains
- Locking bolt with lynch pin and steel safety rope
- Markings on chains and connection elements to adjust at 5° angles (0° | 5° | 10° | 15° | 20°)



ADVANTAGES OVER PREVIOUS VERSION WITH ALUMINUM TUBES

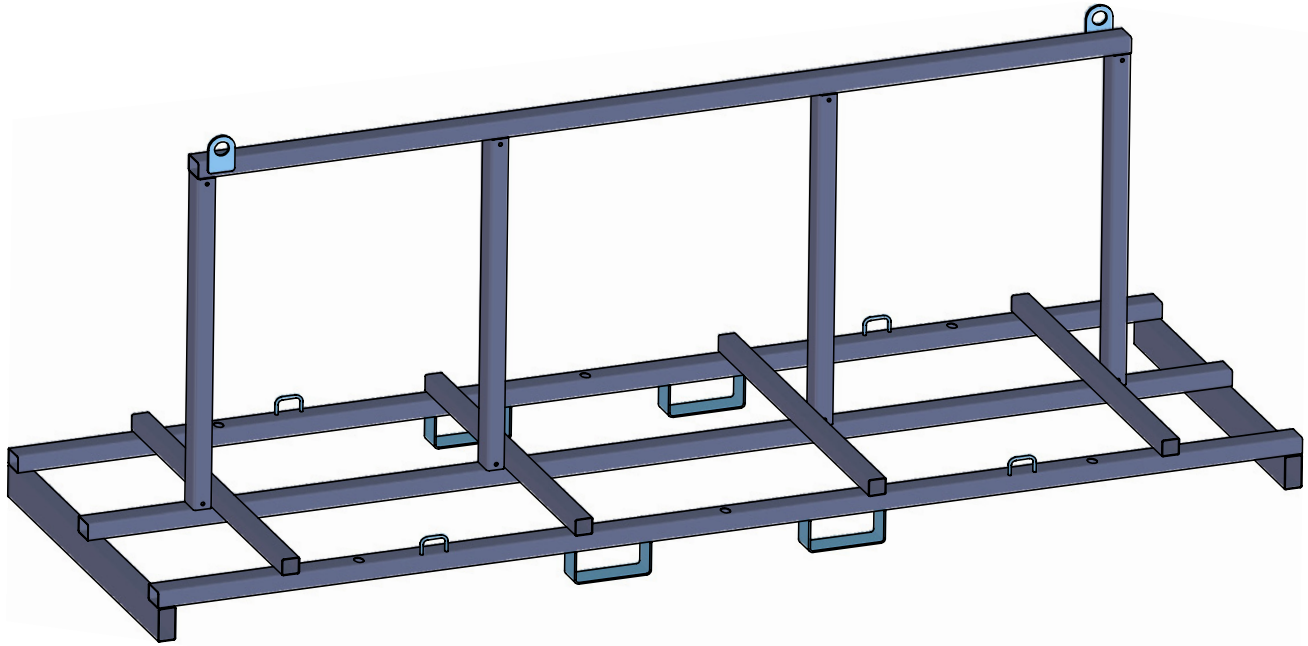
- INCREASED stability with lower weight
- Reduction of welding seams by approx. 85 %, resulting in lower risk of tears and reduced annual inspection work
- Connection elements for adjusting the angles and integrated lifting eye are milled from solid materials (no welding seams)
- Fork lift fixtures for easy transport
- Width of running surface: 480 mm
- Transport crate for chains and suspension fixture



OPTIONAL

- Handrails
 - 2 folding ladders for reaching tensioning clamps
 - Transport frame for sagging platform
Article no. 80-3490
-

TRANSPORT FRAME FOR SAGGING PLATFORM



DIMENSIONS

Length x Width x Height
3900x 900 x 1530 mm



EQUIPMENT

- Hot-dip galvanized steel frame
- Fork lift fixtures
- 2 x lashing straps



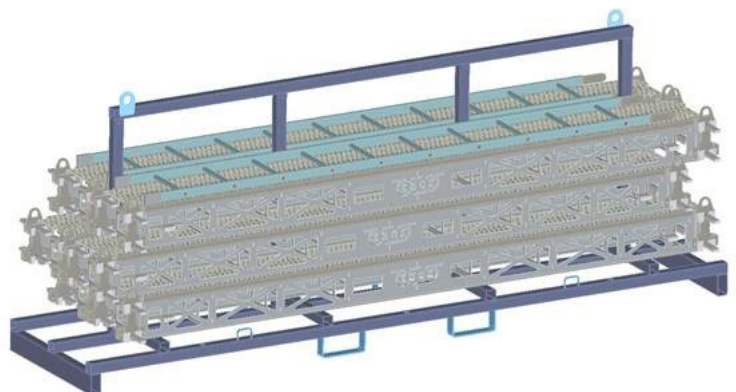
TOTAL WEIGHT

approx. 155 kg

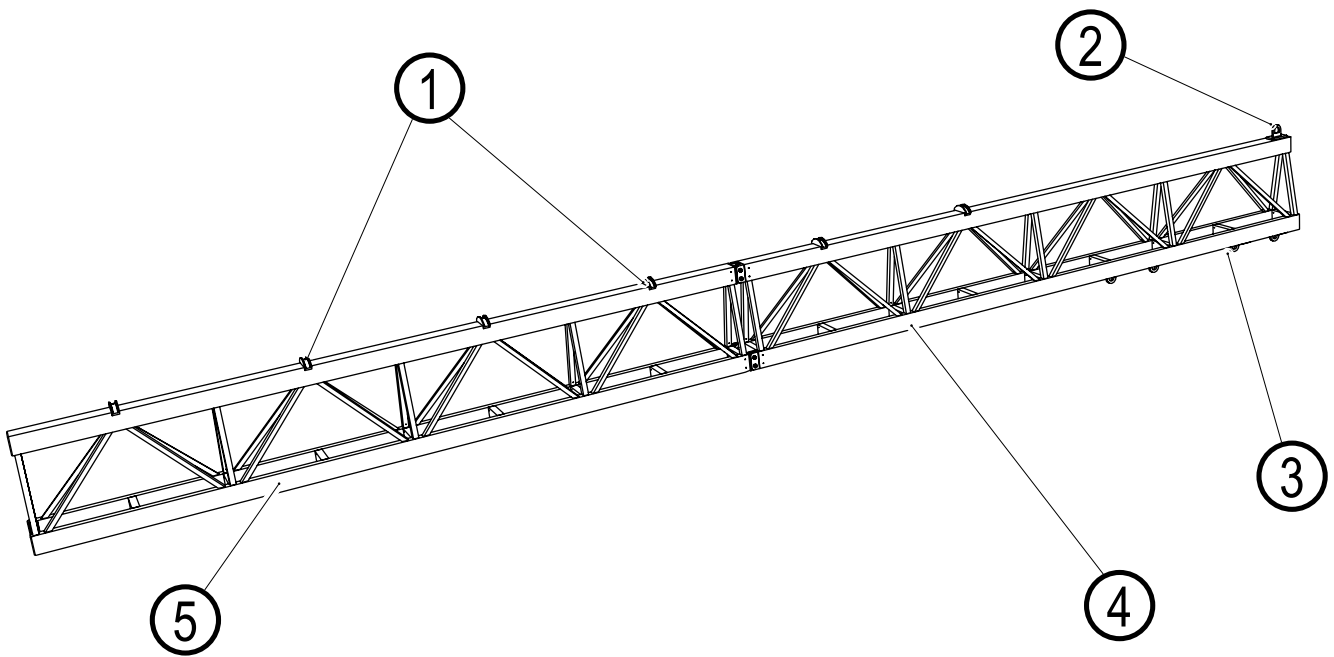


OPTIONAL

- Rungs for side attachment
- Tarpaulin



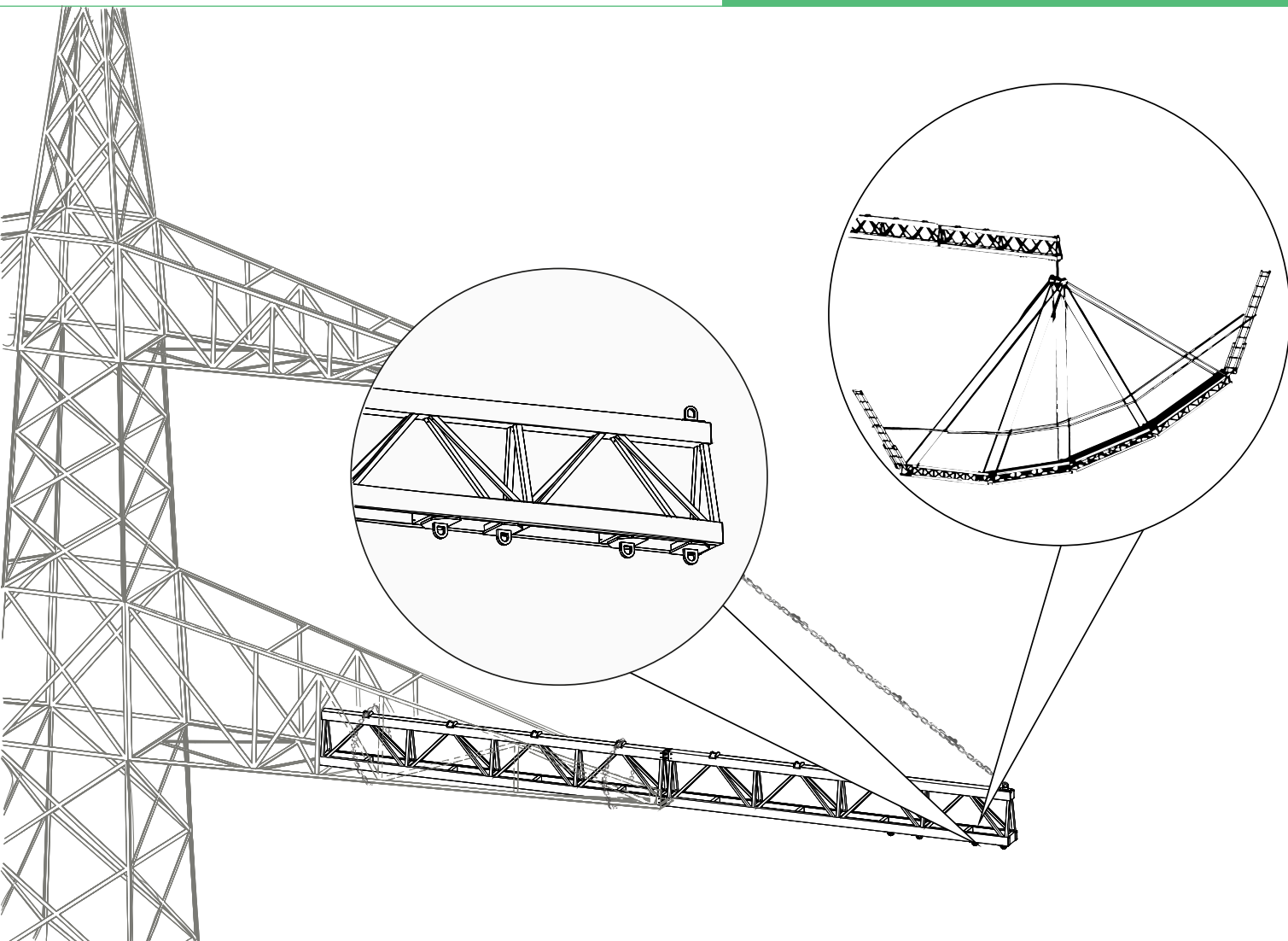
BOOM FOR SAGGING PLATFORM



OVERVIEW

- ① Lashing points
- ② Guying eye bolts
- ③ Suspension eye bolts
- ④ Boom section 1
- ⑤ Boom section 2

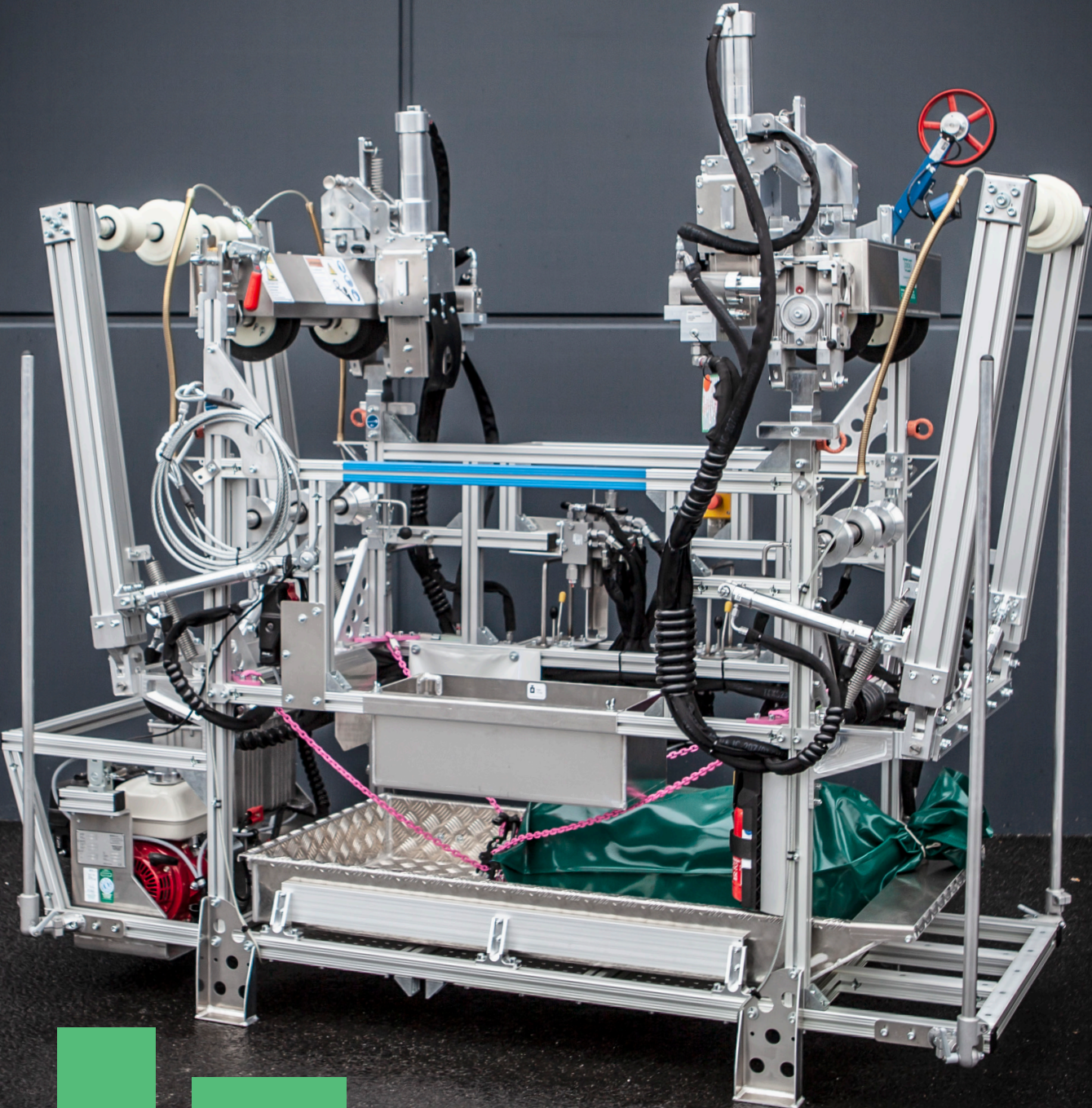
BOOM FOR SAGGING PLATFORM



BOOM FOR SAGGING PLATFORM

- For extending the crossarm for larger strain tower angles
- Can be locked in various positions
- Maximum safe working load: 800 kg

SAFETY BRAKE FOR CONDUCTOR CAR (PATENT PENDING)





KEY FACTS

1. The safety brake is activated by spring force – for maximum functional safety
2. Hydraulic control system (without electrical system)
3. Conductor car stopped safely at a maximum incline of 25°, even if the conductors are greased or wet
4. The hydraulic system opens the tensioner automatically when the drive lever is actuated
5. If the car is not moving, the tensioner is activated automatically
6. A spring allows the user to lift the safety brake upward with ease
7. The working space for the fitter is not reduced as a result
8. All ZECK conductor cars can be retrofitted [LF 923](#) | [LF 947](#) | [LF 952](#) | [LF 975](#)

TB HELI Z249



KEY FACTS

- Hydraulically driven drum stand up to max. 11000 kg
- Suitable for wooden and steel drums
- Hydraulic oil supplied by ZECK machine or
- ZECK hydraulic power unit HA HELI Z246-700
- Drum is changed using a crane



EQUIPMENT

- Robust, hot-dip galvanized steel frame with anchoring eye bolts
- Helicopter design with special hydraulic system for higher rope speed of up to 25 km/h or 150 rpm in conjunction with hydraulic power unit HA HELI Z246-700
- Fork lift fixtures
- Automatic rope guiding device (can be adjusted to rope \varnothing and drum width)
- Dismountable for reduced transport dimensions

SUBFRAME FOR TB

TB Z246 | TB Z249 | TB Z550



DIMENSIONS

Length x Width x Height
5900x 2400 x 900 mm



EQUIPMENT

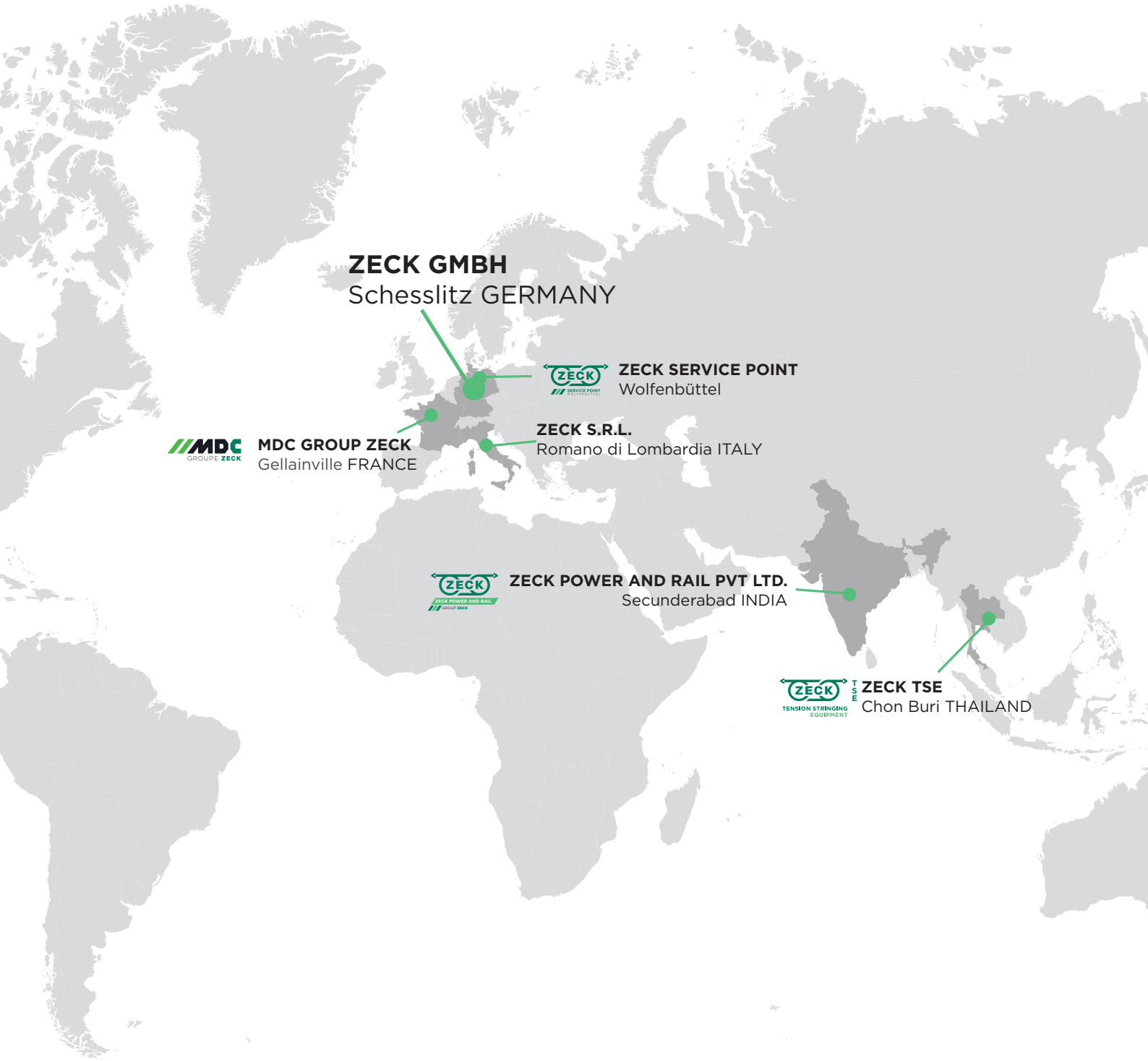
- Eye bolts for anchoring drum stands, incl. 4 crane eye bolts for lifting




TOTAL WEIGHT

approx. 1500 kg

ZECK GROUP



ZECK GMBH
Schesslitz GERMANY

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 **MDC GROUP ZECK**
Gellainville FRANCE

ZECK S.R.L.
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