



SEBA Measuring Vehicles

for mobile discharge measurements from bridges



Measuring vehicles with current meter equipment

Key Features:

- Comfortable multi-place measurements
- Customized easy handling
- Trailers and vehicles with integrated jib and F1 current meter equipment



Final Testing



Handover to the new owner



Application under harsh conditions



Hydrological Trailer



Different versions (Vehicle, boxed trailer, open trailer)

- 1) small trailer version
- 2) medium closed trailer version
- 3) motorized version with large capacity box type vehicle



Technical Data

Examples:

Trailer (2)

maximum laden weight: 2.500kg
 payload approx.: 1.600kg
 load height: 600mm
 road clearance: 300mm
 inner dimensions approx.: 4000 x 1800 x 2100mm

- white, 4-wheeled
- Insulating assembly
- Welded and splashing hot-dip galvanized frame
- reinforced base frame
- reinforced bottom plate made of non-corrosive aluminum chequered plate (anti-skid in case of wetness)
- shock absorber
- double wing door at the rear end
- two pull-out supports on the right side in direction of travel
- 12 V electronic (vehicle)
- 2 x batteries 100 Ah 12 V (= >24V, which can be used for powersupply of jib, crane and winch)

Additional Equipment (optional)

- work bench, work disk made of laminated bonded wood, water tight
- fold table
- watertight transport case for storage of the current meter equipment
- rubber dinghy

Please note that the electronic of the vehicle is independant from the power supply of the installed equipment.

Cable Way Installation consisting of:

jib/crane

- max. lifting moment: 12,0 kNm
- all cylinders have a double action
- hydraulic double pull-out until 2,70 m range (other on request)
- hydraulic slewing gear 330° slewing range
- 24 V electro-hydraulic pumping aggregate incl. hydraulic hose
- measuring appliances for drift angle of cable

SEBA Single Drum Winch SEW II (reinforced)

- max. load 100 kg, applicable for sinkers up to 100 kg with depth-counter m/cm reading,
- safety-crank with load pressure brake and double-gripping latch
- safety shutdown when safety crank is mounted
- suspension cable 3,25 mm Ø, 50m (special version 80 m)
- involuted special tempered tooth gear (optimum leverage with minimum friction)
- manual or motor operation

MOTOR for winch electronic control system for winch motor

- operated with adaptable 24 V motor speed 0 - 10 cm/sec.
- safety switch off, operation light
- remote control for infinitely variable motor speeds
- direction changing switch
- optional: *integrated counter, integrated display for depth Indicator*

Motor unit

- rated voltage: 24 V_{DC}
- motor nominal capacity: 315 W
- nominal current: approx. 18 A
- protection: IP 54



The right is reserved to change or amend the foregoing technical specification without prior notice.



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