

<b>Lifting capacity</b>	<b>5 000 kg</b>
<b>Lifting height, approx.</b>	<b>1 m</b>
<b>Loading capacity platform</b>	<b>5 000 kg</b>
<b>Weight recovery unit</b>	<b>4 500 kg</b>

### **CHASSIS**

Suitable chassis should have 12-15 ton total weight, wheel base 4,6 m, air suspension at front and rear, low section tyres for better loading angle and PTO for direct mounted pump. High speed approx. 1:1,3.

### **PLATFORM**

BB 9111

The platform is of straight construction. The slide profile and platform surface are made of extra high-tensile steel (EHS). The moulding is made of stainless steel to prevent corrosion round the lashing holes. The platform is hydraulically slideable for easy on- and off-loading of vehicles.

- Platform width 2,5 m
- Platform length with wheel base 4,6 m and short cabin, approx. 5,7 m
- The platform sliding is performed by a hydraulic cylinder
- Automatic platform tip via built-in check valves
- Fittings for tyre winches at the sides
- Three guide rollers at the rear of the platform
- Support rollers at the rear of the platform
- Front wall
- Running board and handle at both sides of the front wall

### **SUB FRAME AND TIP FRAME**

The sub frame is made of rectangular hollow sections. The tip frame is provided with changeable slide pads. The recovery unit is mounted on the chassis according to the directions of the truck manufacturer.

### **RECOVERY UNIT**

- BB 9110 The recovery unit is made of extra high tensile steel and hydraulically operated from control panel. There are two telescopic stiff legs, operated separately with over centre valves. The stiff legs are placed wide from each other and provided with ground pads. Two double acting cylinders with over centre valves. A powerful folding boom cylinder with tilt capacity equivalent to 1 200 kg in the towing grid, inner position. The extendible boom is lockable in three positions and has a lifting bar. Lubrication points are moved to a place more easily accessible for maintenance and service. Total extendible length 425 mm.
- BB 9153 The components of the recovery unit are sandblasted, primed and painted (Ral 9005) for maximum rust-resisting. The extendible parts and the lifting bar are chromated.

### **COMPARTMENTS**

- BB 9121 The compartments, made of 3 mm cold-rolled steel, have at least four separate storage-rooms, of which one is for the directional control valve. The compartments are lockable, illuminated and provided with brackets for the lifting and towing equipment. Interior fittings and tool holders in our flexible system, mostly of stainless steel. The doors of stainless steel have rubber seals and red reflectors inside.
- BB 9011 All locks are made of stainless steel and have key locks.

### **WINCHES**

#### **Platform winch**

- BB 9120 A planetary gear winch is mounted on the platform, max pulling capacity 3,8 ton. Guide rollers close to the rope drum. Pneumatic free spooling of the wire. Wire diameter 10 mm, length 30 m, break load 5 940 kp.

#### **Frame winch**

- BB 9117 The second winch is mounted in the chassis frame, max pulling capacity 6.0 ton. Guide rollers at the rear of the recovery unit. Pneumatic free spooling of the wire. Wire diameter is 14 mm and length 30 m, break load 11 600 kp.

### **ELECTRICAL SYSTEM**

BB 9115 All electrical wires are protected against external effect by wire protection norm IP50 (DIN40050).

The system's fuses and relays as well as the original switch for the recovery unit are placed in the cabin. The recovery unit has a timer stating hours in use. Free spooling connections function only with PTO engaged. Two marker lights are folded in on each side.

#### **Rear**

- Two stop / tail /turn lights, recessed
- Two reflectors
- Two working lights, recessed
- A 15-pole connector, incl. 12/24 V adapter
- Illuminated number plate at left rear

#### **Front wall**

- Four working lights
- Two red position lights highest point front wall
- Six hooks for chains

BB 9069 A light bar, 2,2 m wide, is mounted at the front wall with four revolving lights and centre part for advertising text.

**HYDRAULIC SYSTEM**

- |         |   |   |
|---------|---|---|
| BB 9114 | <ul style="list-style-type: none"><li>• Hydraulic tank, volume</li><li>• Hydraulic pipes, zinc coated</li><li>• Suction and return hose with wrapped up steel spiral</li><li>• High pressure hoses with pressed air couplings and two steel insertions</li><li>• High pressure filter</li><li>• Return oil filter</li><li>• Mineral oil</li></ul> | ca 75 l<br>DIN 2391/C<br>SAE 100/R4<br>SAE100/2RL-R9R<br>10 µm<br>10 µm |
| BB 9021 | <ul style="list-style-type: none"><li>• Hydraulic piston pump driven from PTO, with emergency stop function</li></ul>   | max 400 bar   |
| BB 9029 | <ul style="list-style-type: none"><li>• Directional control valve Danfoss PVG32 with nine sections connected in parallel, built-in check valves and main relief valve</li><li>• The levers are provided with spring return</li><li>• Manometer, glycerine damped</li></ul>  |   |
| BB 9128 | Directional control valve (with operating unit) is as standard placed at the right hand side in the rear compartment area.  |   |

**Operation**

- Main winch, in/out
- Platform, in/out
- Tip, up/down
- Lifting boom, up/down
- Folding boom, work/transport position
- Extendible boom, in/out
- Left stiff leg, up/down
- Right stiff leg, up/down
- Frame winch, in/out

**STANDARD RECOVERY EQUIPMENT**

BB 9122 The following tools and accessories are included in the standard equipment.

- One pair of roll stop 66200
- One pair of stop blocks, adjustable and lockable, galvanized 2.04.1178
- One start cable set, 24 V, 7 m incl. 5 m extension cable
- Start booster, 12 V incl. charger
- Tow jaw attachment with 3 pins and 50/60 tow ball, chromated BB3529R
- Three pairs of forks 3.04.0003  
3.04.0004  
3.04.0016
- Air reel, 3/8" BB9080
- Four pairs of tie down ratchet with hook M144302
- Strap reeling device M165121
- Guide roller for side pull, chromated 4.04.0227
- Lifting bar BB2075
- Separate grid halves for passenger cars, chromated 2.04.0135
- One pair of fork holders, low, chromated 3.04.0128
- One pair of fork holders, high, chromated 2.04.0126
- Tow bar, DIN 40/40, placed in the sub frame, chromated 3.04.1144
- Spade, iron bar, broom and hooks for chains etc,  
placed on front wall
- One pair of chains for lift bar I-GG-GG-7/8-8-18

**MISCELLANEOUS**

- BB 9035 • CE documentation
- BB 9142 • Once the recovery unit is completed and final painting done the final assembly is made
- Duomatic, if chassis prepared for it

**Art.no**

**CHASSIS**

BB 9014	Trux top frame
BB 9045	Trux top frame with light bar
BB 9046	Trux aluminium gitter off road
BB 9079	Trux X-light
BB 9049	Vertical exhaust system, one side
BB 9052	Front weight
BB 9056	Transfer of tanks

**Art.no**

**PLATFORM**

BB 9062	Adjustable light bar
BB 9113	Overdeck 5 ton in combination with BB9112
BB 9123	Cabinet, left front wall
BB 9124	Cabinet, right front wall
BB 9125	Fixed front wall (not possible with overdeck)
BB 9126	Front wall, stainless steel
BB 9134	Grill front wall
BB 9148	Net shelf

**Art.no**

**RECOVERY UNIT**

BB 9043	Tow hitch on folding boom
BB 9102	Cross bar for trailer hitch

**Art.no**

**COMPARTMENTS - OUTSIDE**

BB 9002	Central locking, pneumatic
BB 9012	Door lock, iron rod
BB 9048	Central locking, electric
BB 9071	Door lock plastic, manual
BB 9072	Door lock plastic, central locking
BB 9130	Compartments, stainless steel

**Art.no            COMPARTMENTS – INSIDE**

BB 9081	Air Reel ½", 15 m
BB 9082	Hose reel for oxygen gas /acetylene
BB 9083	Cable reel
BB 9093	Compartment heating, one side
BB 9161	Drawer units in compartments
BB 9177	Tool board, door or wall
BB 9179	Shelf, mounted in compartment
BB9184	Additional bracket with hooks

**Art.no            WINCHES**

BB 9059	Sepson front winch H60P, 6 ton
BB 9118	Sepson frame winch H100PF, 10 ton
BB 9127	Winch, hydraulically slideable

**Art.no            ELECTRICAL SYSTEM**

BB 9054	Flash lights with two lamps
BB 9084	Extra lights, four lamps
BB 9086	Stiff legs from cabin
BB 9088	Flash lights, built-in, one pair
BB 9089	Xenon work lights, one pair
BB 9094	Light bar Vision alert, 1,524 m
BB 9095	Extra revolving emergency light, one pair
BB 9146	Two flash lights built-in in original lamp
BB 9163	Two extra work lights
BB 9053	Video camera with monitor (black-white)
BB 9165	Video camera with monitor (colour)

**Art.no      REMOTE CONTROL**

BB 9003	Radio Remote Control Teleradio 2 channels
BB 9004	Radio Remote Control Teleradio 4 channels
BB 9005	Radio Remote Control Teleradio 6 channels
BB 9006	Radio Remote Control Teleradio 8 channels
BB 9007	Radio Remote Control Teleradio 20 channels
BB 9008	Radio Remote Control Teleradio 10 channels
BB 9066	Radio Remote Control Orbit, 8 channels
BB 9047	Radio Remote Control Micron, 12 channels
BB 9065	Radio Remote Control Micron, 16 channels
BB 9073	Radio Remote Control Proportional Linus, 12 channels
BB 9078	Remote Control by Cable, 10 channels

**Art.no      HYDRAULIC SYSTEM**

BB 9063	Hydraulic pump, double
BB 9075	Hydraulic connection
BB 9092	Engine PTO mounting kit
BB 9129	Control valve left side

**Art.no      PAINTING**

BB 9164	Painting recovery unit, standard colour
BB 9098	Other colour than Ral 9005
BB 9100	Painting front weight
BB 9101	Painting complete cabin, clear paint
BB 9104	Painting, metallic paint
BB 9131	Polished rustless rods
BB 9143	Painting, overdeck
BB 9151	Painting, extra colour compartments
BB 9155	Painting, extra colour cabin sides
BB 9156	Painting, complete cabin, one colour
BB 9157	Painting, plastic parts cabin
BB 9158	Painting, striping front
BB 9159	Painting, striping rear

**Art. no      MISCELLANEOUS**

BB 9085	Crane installation
BB 9106	Work after inspection