

Lifting capacity	10 000 kg
Lifting height, approx.	1,5 m
Lifting height with tilt, max.	3,9 m
Loading capacity platform	10 000 kg
Weight recovery unit	6 000 kg

CHASSIS

Suitable chassis should have > 20 tons GVW, air suspension at front and rear, low section tyres for better loading angle, PTO for direct mounted pump. High speed approx. 1:1,3.

PLATFORM

BB 9137

The platform is of straight construction. The slide profile and the 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
- Length at wheel base 5,0 m and short cabin, approx. 7,0 m
- The platform sliding is performed by a hydraulic cylinder
- Automatic platform tip via built-in check valves
- Fittings for tyre winches along the sides
- Three guide rollers at the rear of the platform
- Support rollers at the rear of the platform
- Front wall
- Running board and handles on both sides at 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 9141 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 directional control valves. The stiff legs are placed wide from each other and provided with ground pads. Two double acting cylinders with over centre valves.
- BB 9147 A powerful folding boom cylinder with tilt capacity equivalent to the lifting capacity of the recovery unit. This enables a horizontal adjustment of the extendible boom at normal working height (0,8 m). In this way you get no unnecessary stress on the recovery tools. Loading of vehicles with low belly clearance is also facilitated. The extendible boom is lockable in three positions. Total extendible length is 2 x 600 mm. Lubrication points are moved to a place more easily accessible for maintenance and service.
- BB 9153 The components of the recovery unit are sand blasted, primed and painted for maximum rust-resisting. The extendible parts and the lifting bar are chromated.

COMPARTMENTS

- BB 9166 The compartments are made of 3 mm cold-rolled steel and 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 unit's lifting and towing equipment. Interior fittings and tool holders in our flexible system, mostly of stainless steel. The doors are made 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 9119 A planetary gear winch is mounted on the platform, max pulling capacity 6,0 ton. Guide rollers close to the rope drum. Pneumatic free spooling of the wire. Wire length is 30 m diameter 12 mm, break load 8 550 kp.

Frame winch

- BB 9173 The second winch is mounted in the chassis frame, max pulling capacity 12,5 ton. Guide rollers at the rear of the recovery unit. Pneumatic free spooling of the wire. Wire length is 30 m, diameter 16 mm, break load 16 400 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
- One 15 pole trailer connection incl. 12/24 V adapter
- Place for illuminated number plate

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 9152
- Hydraulic tank, volume ca 75 l
 - Hydraulic pipes, zinc coated DIN 2391/C
 - Suction and return hose with wrapped up steel spiral SAE 100/R4
 - High pressure hoses with pressed air couplings and two steel insertions SAE 100/2RL-R9R
 - High pressure filter 10 µm
 - Return filter 10 µm
 - Mineral oil
- BB 9021
- Hydraulic piston pump driven from PTO, with emergency stop function max 400 bar
- BB 9029
- Directional control valve Danfoss PVG32 with nine sections, connected in parallel, built-in check valves and main relief valve
 - The levers are provided with spring return
 - Manometer, glycerine damped
- BB 9128
- The 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 and transport position
- Extendible boom, in/out
- Left stiff leg, up/down
- Right stiff leg, up/down
- Frame winch, in/out

STANDARD EQUIPMENT

BB 9168 The following tools and accessories are included in the standard equipment.

- One pair of rollstop 66200
- One pair of stop blocks, adjustable and lockable, galvanized 2.04.1178
- One start cable set, 24 V with start cables 7m incl. extension cable 5 m.
- 12 V start booster with charger
- Tow jaw attachment with 3 pins and 50/60 two ball, chromated BB3529R
- Six pairs of forks 3.04.0003
3.04.0004
3.04.0007
3.04.0008
3.04.0009
3.04.0016
- One pair of slide pads for platform BB2811
- Air reel, 3/8" BB9080
- Four pairs of tie down ratchet with hook M144302
- Strap reeling devise M165121
- Guide roller for side pull, chromated 4.04.0227
- Lifting bar, axial ball bearing BB2081
- 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 sub frame, chromated 3.04.1144
- Spade, iron bar, broom and hooks for chains etc.
placed on front wall
- Two chains for lift bar I-GG-GG-7/8-8-18

MISCELLANEOUS

- CE documentation
- BB 9035 • Once the recovery unit is completed and final painting done the final assembly is
BB 9142 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
BB 9086	Stiff legs from cabin
BB 9180	Buffer tank, Scania Motor HPI

Art.no

PLATFORM

BB 9062	Adjustable light bar
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
BB 9160	Overdeck 10 ton in combination with BB 9139

Art.no

RECOVERY UNIT

BB 9043	Tow hitch on folding boom
BB 9102	Cross bar for trailer hitch
BB 9103	Tiltable end part
BB 9105	Extendible boom, 3x465
BB 9181	Extendible boom, 2x750
BB 9145	Folding and extendible boom, 1x600 with tilt
BB 9172	Reinforced platform, tip frame and slide beam

Art.no

COMPARTMENTS OUTSIDE

BB 9044	Flyer with light bar, sheet steel
BB 9060	Flyer with light bar, stainless steel
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 9132	High compartments sheet steel, left and right
BB 9133	High compartments stainless steel, left and right
BB 9167	Compartments stainless steel

Art.no COMPARTMENTS INSIDE

BB 9081	Air reel 1/2", 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 9169	Hydraulic panel for chains
BB 9170	Hydraulic panel for tools
BB 9171	Integrated telescopic ladder
BB 9177	Tool board, door or wall
BB 9179	Shelf, mounted in compartment
BB 9184	Additional bracket with hooks

Art.no WINCHES

BB 9039	Sepson winch H200P, 20 t
BB 9059	Sepson front winch H60P, 6 t
BB 9067	Sepson winch H150PF, 15 t
BB 9127	Winch, hydraulically slideable

Art.no ELECTRICAL SYSTEM

BB 9054	Flash lights with two lamps
BB 9084	Extra lights, four lamps
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	Tow 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 + 4 channels

BB9185 Radio Remote Control Proportional Linus, 16 + 4 channels

BB 9078 Remote control by cable, 10 channels

Art.no HYDRAULIC SYSTEM

BB 9075 Hydraulic connection

BB 9092 Engine PTO, mounting kit

BB 9108 Pump variable -75 lit

BB 9109 Pump variable – 120 lit

BB 9129 Control valve left side

Art.no PAINTING

BB 9164 Painting, recovery unit, standard

BB 9098 Painting, other colour than Ral 9005

BB 9100 Painting, front weight

BB 9101 Painting, complete cabin, clear paint

BB 9131 Polished, rustless rods

BB 9135 Painting, high compartments

BB 9143 Painting, overdeck

BB 9151 Painting, additional colour compartment

BB 9155 Painting, additional 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

BB 2216 One pair of bus grid halves

BB 3239 One pair of bus grid halves, L-type

BB 3000 Tow cross member with adapter