

TECHNICAL SPECIFICATION **EKEBOL BEAVER TAIL BODY: MODEL EBT18**

(date of issue 8 Oct 2019 – initial release)

1. TRAY

- a. Maximum rated capacity: 18 tonnes.
- b. Length of body to suit the truck.
- c. Width inside side coamings is 2470mm. Total width: 2490.
- d. Typical loading angle: 20 degrees, depending on truck chassis.
- e. The body is fully welded, heavy-duty construction with large flat floor of 6mm high tensile steel plate.
- f. Front of body provided with a 600mm high headboard.
- g. Thin high tensile steel coaming rails make it possible to carry shipping container.
- h. The coaming rails are provided with holes every 500mm for tie-down shackles.
- i. Pull out access steps at front of body are incorporated into the full-length rope rails along both sides of body.
- j. The body is mounted on an integrated sub-frame, which reduces stresses in the truck chassis.
- k. 2.7m long hydraulically controlled ramps are provide at the rear with built in grouser bars and control valve with “float” capability.
- l. All pivoting joints are provided with replaceable bushes and/or grease nipples.
- m. Hydraulic operated ground support legs at the rear are included for added stability when loading and unloading.

2. HYDRAULICS

- a. The oil tank has a 120 litre capacity and is fitted with a filler-breather cap.
- b. The hydraulic pump is attached to the gearbox mounted PTO.
- c. A 5-spool hydraulic control valve with inbuilt pressure relief valve (to protect against overloads) is utilized.
- d. A low pressure return oil filter is mounted on the oil tank and has an easily replaceable cartridge.
- e. Grade of filtration: 10 micron.
- f. High-pressure hoses, steel tubes and fittings are used.
- g. High-pressure hoses conform to SAE100 R2T.
- h. System operating pressure of 160 bar

3. CONTROLS

- a. Air operated PTO control mounted in the cab.
- b. Hydraulic controls located on left side of chassis, behind the rear wheels.
- c. Dead-man type levers are provided with the following functions:
Winch (in-out); LH & RH Legs (up-down); LH & RH Ramps (up-down).

4. WINCH

- a. Hydraulic worm-drive winch with 13.6 tonnes single line pull (30,000lbs)
- b. Winch is provided with 30 metres of 18mm diameter, 6x36 IWRC, Grade 1770 galvanized wire rope.
- c. The end of the wire rope has a spliced eye/thimble.

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- d. The winch is fitted with a pneumatic operated dog clutch to allow free-spooling of drum.

5. ELECTRIC'S

- a. Two combination rear lamps (stop, tail, turn and reverse) are mounted at rear of the body.
- b. Three LED clearance lights mounted on each side of the body.

6. MISCELLANEOUS

- a. Four plastic mudguards with rubber mud-flaps at rear.

7. PAINTING

- a. All equipment, underside of body and floor plate is painted in Protec Paraloc satin black. The remainder is delivered prime-coated.

8. DELIVERY

- a. All units are delivered fitted to the truck chassis and in good working order.

NOTES

- a. **The rated capacities are for the body only, NOT THE VEHICLE CAPABILITY. Actual legal payload will depend on permitted axle loadings in your state.**
- b. Suitable for most forward control 8 X 4 a cab-chassis, with a GVM of 26 to 32 tonne and with wheelbase between 4.8 metres and 7 metres.
- c. Ekebol Pty Ltd is continually striving to improve and update our product range. We reserve the right to change materials and specification without notice. Specifications are correct at the time of printing but may change without notice.