

TECHNICAL SPECIFICATION
EKEBOL TS-100 COMPACT RECOVERY UNDERLIFT
OPTIONAL EQUIPMENT

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O-1 Recovery Unit

- a. Two stage recovery boom. Total reach of 4.7m, maximum lifting height 4.0m (approx), maximum rated capacity; retracted – 10 tonnes; on first extension – 3.5 tonnes; fully extended – 1.7t. The second stage is set manually before operation and is locked in position (*it is NOT hydraulically operated*)
- b. Two independently operated hydraulic anchor legs (300 wide toothed spades). Maximum total winch pull: 11 tonnes (22,000 lbs). Includes two ground support plates for the anchor legs.

O-2 Body

- a. Open type **steel** body with tool lockers behind cab, built to suit the customer's cab-chassis. Doors on tool lockers have rubber seals and key locking latches. Brackets for all towing equipment are provided in the tool lockers.
- b. Open type **aluminium** body with tool lockers, built to suit the customer's cab-chassis. Doors on tool lockers have rubber seals and key locking latches. Brackets for all towing equipment are provided in the tool lockers.
- c. A full width light-rack, the same height as the truck cab is fitted on top of the optional body.
- d. Brackets for oxy set.
- e. Toolbox with hand tools.
- f. Stainless steel water tank for drinking water.
- g. 23 l plastic water tank plus soap dispenser (not for drinking water.)
- h. Air hose reel, spring loaded.

O-3 Hydraulics

- a. *No options available at this time*

O-4 Controls

- a. Hand-held radio remote control to operate underlift towing boom hoist, extension, winch and recovery boom.
- b. Hand-held radio remote control to operate underlift towing boom hoist, extension, winch 1, recovery boom and winch 2 (if fitted)
- c. Cab controls for boom hoist, emergency lights and back-up lights (if fitted). The controls are mounted on the dashboard and operated by the driver.
- d. Cable remote control for underlift towing boom hoist, extension, winch and recovery boom.
- e. Cable remote control for underlift towing boom hoist, extension, winch 1, recovery boom and winch 2 (if fitted).

O-5 Winch

- a. Upgrade from one 5.4 tonne winch (standard) to one hydraulic worm-drive winch with maximum pulling capacity on single line of 9.0 tonnes. Wire rope: 16mm dia. 6/36 IWRC grade 1770 construction, **56m** long with swaged eye and swivelling safety latch-lok hook. Breaking strength of wire rope: 16.4 tonnes. The winch has a spring-loaded, roller-type wire rope tensioner.
- b. Replace the one standard winch with two hydraulic worm-drive winches mounted on the sub-frame with two swivelling fairleads mounted on the recovery boom. Maximum pulling capacity on single line: 5.4 tonnes each. Wire ropes: 12mm dia. 6/36 IWRC grade 1770 construction, **40m** long with swaged eye and swivelling safety latch-lok hook. Breaking strength of wire rope: 9.2 tonnes. The winches have a spring-loaded, roller-type wire rope tensioner.
- c. Pneumatic dog-clutch control of winch or winches

O-6 Electrics

- a. Upgrade to 4 rotating amber lights mounted to the light-rack.
- b. Two adjustable working lights mounted on the light-rack.
- c. Heavy duty back-up lights, mounted low at the rear.
- d. Rear camera mounted at rear of unit with 5" colour monitor mounted in cab.
- e. Rear camera mounted on light-rack with 5" colour monitor mounted in cab.
- f. Start cable kit assembly. 8 m long heavy-duty cables, connected to the truck battery
- g. Manual throttle control (in conjunction with OEM idle up controls)
- h. Electric throttle control (in conjunction with OEM idle up controls)

O-7 Towing Equipment

- a. Towing coupling with pintlehook/tow ball combination.
- b. Snatch block, 30 tonnes capacity. Lightweight.
- c. Recovery equipment set, comprising:
 - i. 2 only 10 mm grade 80 chains, 3 m long with grabhook and ring. Breaking strain: 12.8 tonnes
 - ii. 2 only 7 mm grade 80 chains, 4 m long with grabhook and ring. Breaking strain: 6.4 tonnes
 - iii. 2 only 5 tonne WWL high tensile bow shackles.
 - iv. 2 only 3 tonne WWL high tensile bow shackles.
 - v. Crowbar, sledgehammer, spade, broom, axe, hand torch and gloves
- d. Tyre pumping outlet with 10 m long hose.

EKEBOL

Tough - Reliable - Built to Last

O-8 Painting

- a. The unit painted to customer's requirements.

O-9 Installation

- a. Chassis modifications to accommodate unit.

NOTES

- a. **The rated capacities are for the recovery unit only, NOT VEHICLE CAPABILITY.**
- b. The ratings are in accordance with Australian practice.
- c. **Tow adaptors are for recovery/emergency towing only – not to be used for continuous highway towing.**
- d. 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.