

ESSEL RECOVERY ER4120
PRODUCT OVERVIEW



Designed and manufactured with a sense for detail. You can rely on it.

USAGE

Special purpose superstructure with the possibility of mounting on various types of chassis, used for recovery of crashed or broken vehicles of heavy weight. No matter what happens, it won't let you down.

IMPORTANT FEATURES

- 25 t**
Max. lifting capacity of the main crane jib
- 20 t**
Max. loading capacity of main boom with underlift
- 24 t**
Towing power of each winch



MECHANICS

CHASSIS

Axel 4
Wheel base approx. 5,6 m
Min. front axel capacity 9 t
Equipped with power take off (PTO) engine / gear

SUPPORT LEGS

Back legs in A shape
Back angle 15°, side angle 15°
Max. extension 800 mm
Made of high tensile steel in rectangular sections
Independently and hydraulically operated
Toothed spades for maximum grip

BODY PANELS

Made of stainless steel thickness 3 mm
Central lock system, heating
Inner painting
Hanging brackets
Rubber mats thickness 23 mm
Anti-spray mudflaps (beside G chassis)
Lights turn on automatic by PTO on
Compartments for hydraulic distributor
Compartments with lockable doors with key, with rubber strip sealing
Inside hinges made of stainless steel thickness 5mm
Adjustable stopper for angle of open doors
Easy access to fuel tank and Ad Blue

OTHER

HYDRAULIC SYSTEM

Oil tank 200 l
Hydraulic pump with connection to PTO
Working pressure in hydraulic system 20-25 MPa
Oil flow 50-80 l/min
Proportional distributor 9 sections
Manual central greasing
Hydraulic oil cooler
Air drums

WINCHES

Sepson Sepdurance H240, 2 pcs
Max. pulling capacity 24 t
Inner layer 24 t, outer layer 15,5 t
Rope length 60 m, rope diameter 24 mm

OPTIONAL EQUIPMENT

Front support legs with 8t Sepson winch for side pulling
Sepson Sepdurance H120 side winches, 2 pcs.
Towing equipment
Accessories

SUBFRAME

Made of high tensile steel
Sandblasted, prime and top coated for maximum resistance against corrosion
Fixed to the truck frame according to manufacturer's specification

CRANE BOOM

Max. lifting capacity of main crane jib- retracted 25 t, extended 10 t
Dimension of extended main crane jib- length 5,2 m, height approx. 7,8 m
Max. lifting angle 40°

LIFTING BOOM WITH UNDERLIFT

Made of high tensile steel
Fitted with extendable hydraulically operated underlift
Underlift supplied with tilting arm with angle +12°
Underlift with 2 telescopic extensions 2x750 mm
Manual both-sided aretation of telescopic extensions in different positions
Max. loading capacity of main boom with underlift- retracted on pin 20 t, extended 8 t

ELECTRIC SYSTEM

Tailor made electrical box- ESSELTRONIC
Remote control
Working lights on winch, on flyer, by support legs
Orange lights on sides of body panels
Flashing lights in front and on the flyer
Light bar on the flyer and on cabin
Combined auto lights on the flyer
Control of lights from cabin and from distributor
Radio control with 8 proportional channels
Camera on flyer and on underlift
Telescopic light bar