

ESSEL SKIPPER ES120T
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 loading of containers. No matter what happens, it won't let you down.

IMPORTANT FEATURES

12 000 kg

Lifting capacity of the skip-loader with arms shifted-in

7250 kg

Loading capacity from a level below minus 800 mm with arms shifted-in

4 m

Arm length – shifted out condition



STANDARD EQUIPMENT

MECHANICS

- Adjustable stop dogs restricting the lateral and longitudinal container movement
- Hexagonal profile of loading arms and of telescopic arm extensions for increasing their strength
- Two securing hooks with mechanical safety preventers for catching the container at dumping operating the hooks by pneumatic valves
- All pins are galvanized
- Auxiliary frame is made of steel, specially profiled and perforated, provided with fasteners for the chassis, and provides for connecting the superstructure with the chassis by means of specially designed fastening elements
- Telescopic arm extensions simultaneous shift-out
- Fast arm stroke for tilting out the unloaded arms or unloading an empty container
- High-strength suspension chains 13-8
- Shorteners for high-strength suspension chains 13-8
- Safety securing for container chains RAK 13-8
- Steel hot-dip galvanized protective covers of main cylinder piston rods
- Protection grids of rear grouped lights

HYDRAULICS

- Hydraulic manifold and hydraulic cylinder locks situated under the platform and in the superstructure
- Hydraulic distributor 4 sections
- Hydraulic tank incl. reverse filter and coarse dirt filter and oil-mark, placed in the middle of superstructure, behind the cabine

ELECTRICITY

- Operation of the superstructure from the outside of the vehicles left hand side – from the vehicle side face by the levers of the distributor and the central STOP
- Operation of the superstructure from interior of the vehicle cabin – radio controlled
- Superstructure working hours counter

OPTIONAL EQUIPMENT

MECHANICS

- Independent shift-out of telescopic arm extensions
- Reserve wheel holder situated in the superstructure front part behind the cabin rightward
- Hot-dip galvanized basket for the cover sheet
- Tool box- located behind the cab on the left

ELECTRICITY

- Working lights – 2 pieces – with mounting elements for installation on the cabin, including the original switch

DATA SHEET

Lifting capacity of the skiploader with arms retracted	12 000 kg
Lifting capacity of the skiploader with arms extended	7 250 kg
Loading capacity level below minus 800mm arms retracted	8 400 kg
Loading capacity level minus 800mm arms extended	5 750 kg
Arm length retracted	2 800 mm
Arm length extended	4 000 mm
Telescopic arm extension	1 200 mm
Dimension of equipment (W x L x H)	2 477 x 5 214 x 3 758 mm
Total height in the transport position with 4x2 chassis	3 500 mm
Recommended wheelbase	3 700 - 3 900 mm
Dimension of container loaded up to	10 m ³
Working pressure	28 Mpa
Hydraulic pump at 1000 rev/min	60-65 l/min
Optimum vehicle motor revolutions	650 - 850