

HYDROMAT *nautic*

HYDROMAT INŽENJERING d.o.o.

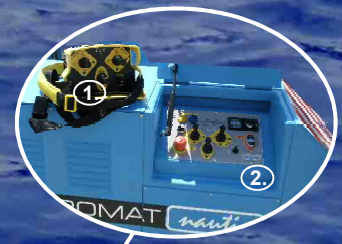
HYDRAULIC AUTOMATION - VALVE AUTOMATION - HYDRAULIC NAUTIC - HYDRAULIC ECO

New concept in transportation and manipulation of the vessels

HYDROKARET

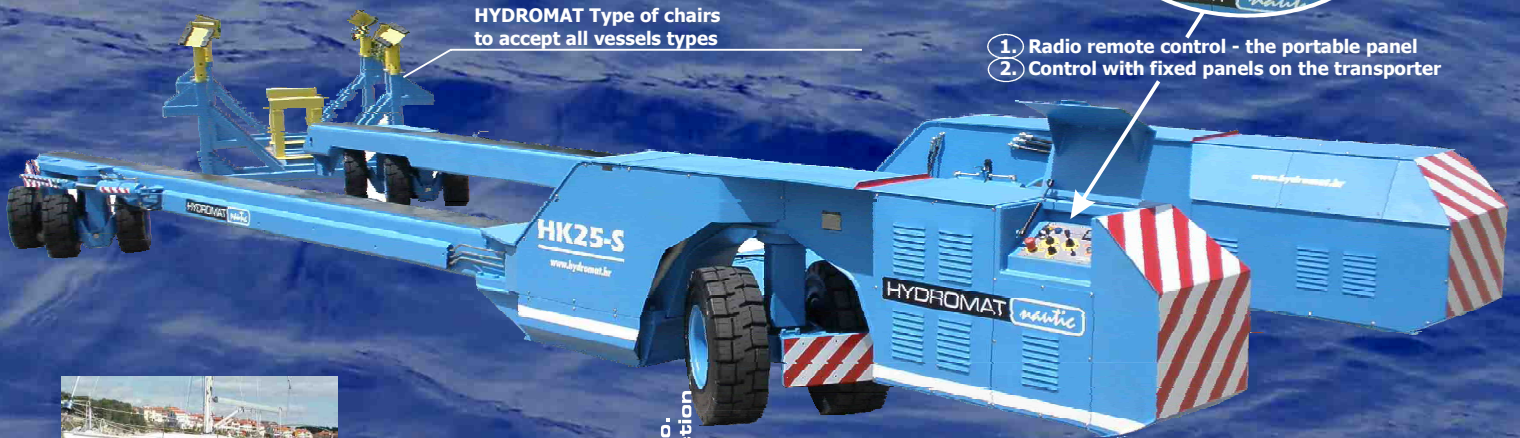
HK25 Transporter with a fixed width of 1850 mm

HK25-S Transporter with variable width 1850 - 2850 mm



- ① Radio remote control - the portable panel
- ② Control with fixed panels on the transporter

HYDROMAT Type of chairs to accept all vessels types



HYDROMAT INŽENJERING d.o.o.
Design, development and production



Transporter for: sailboats, powerboats and catamarans



INNOVATIONS
ADVANCED TECHNOLOGY
HYDRAULIC SYSTEMS
TRANSPORTERS

HYDROKARET HK25-S

HYDROMAT ENGINEERING
Design and production
of hydraulic cylinders,
special transporters
and equipment for the marine

HYDRAULIC AUTOMATION

HYDRAULIC CYLINDERS

HYDROLIFT 70

HYDRAULIC SHOCK ABSORBERS

REGULATIONS VALVE

HYDRAULIC PRESS CONTAINERS FOR WASTE

EQUIPMENT FOR MARINE

www.hydrumat.hr

Product of Croatia



Remote control panel



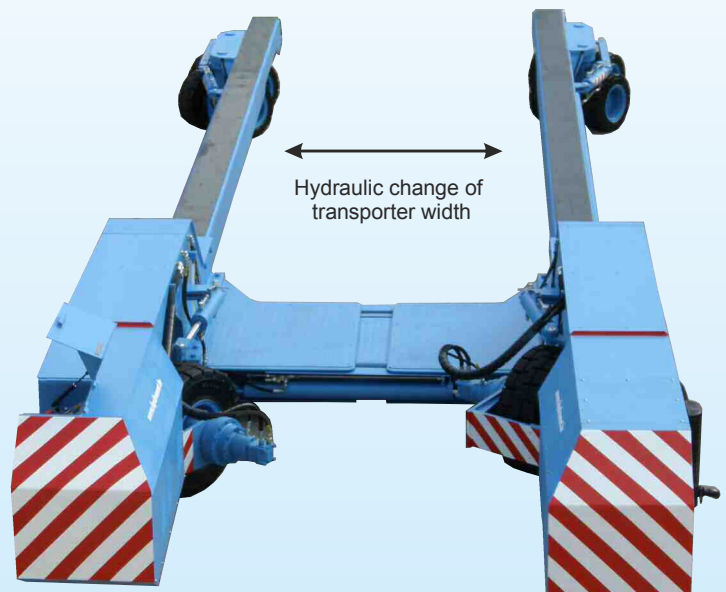
Local control panel

Hydrokaret HK25 & HK25-S

- Hydraulic self-propelled transporter with commercial name Hydrokaret HK25 and HK25-S, carrying capacity of 250 kN (25 tons), intended for the transport of all boat types (sailboats, motor yachts, catamarans ...).
- HK25-S can hydraulically change the width of the transporter from 1880 up to 2880 mm what allow great flexibility acceptance of different vessels and equipment.
- Transporter is self movable and for the drive uses a diesel engine. Operator has with the radio remote-control control of all operational functions.
- Reviewed and easy entry / exit transporter in limited space under the boat (patented design), provide a minimum working height of lifting beams height of 650 mm, without buckling height and lateral at rear.
- It is suitable to accept vessels that are located on the type chair, because of simplicity and the fastest way to accept chair with a boat at any longitudinal position of lifting beams. This features in practice has proved very important, and provides one of the most important advantage of our structure design by comparison with competition.
- Transporter HK25-S is the result of many years of experience in the vessels transport.
- The construction of transporter is made of steel with high strength and elasticity.
- In the serious vessels transport (heavier boats) resting on the telescopic keel supports must be supported by transverse bars, which in addition to bearing functions further strengthens the whole construction of the transporter.
- For chair reception of special construction, we provide the short lift console, which can adjust height of transporter scopes.

Standard equipment for receipt vessels

- HYDROMAT single type chair up to 10 tons and dual type of chair up to 20 tons
- chairs of special design on request
- tilt adjusting telescopic support, max. height of 2.7 m
- transverse beams to support the keel
- short lift console



Transporter HK25 and acceptance of a single chairs

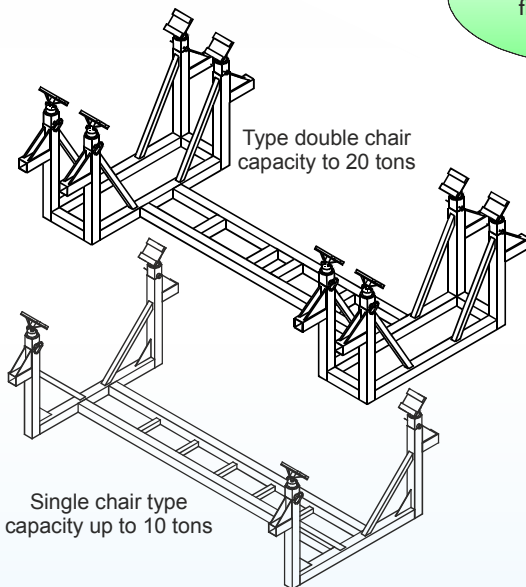


HYDROMAT chair design

Transporter HK25 equipped with tilt adjustable telescopic supports and supporting beams



Reliable, economical,
flexible, efficient



Old type of transporter capacity up to 20 tons

Technical features

- Effective Load 250 kN (25 tons)
- Hydraulic change of transporter width from 1880 up to 2880 mm allow great flexibility acceptance of different vessels and equipment
- Radio remote control with a portable panel
- Control with fixed panels on the transporter
- All functions can be controlled with either control stations
- Independent control rotation of the front and rear wheels
- Independent control front and rear raising and lowering
- Diesel engine 21 kW in the standard version, and 31 kW for the higher speed and load
- Power drive diesel engine is transmitted through the hydrostatic transmission to the drive wheel with the possibility of continuous speed adjustment.
- The possibility of coping with the slope surface at full load up to 8%
- Lifting and lowering the load-bearing beams or vessel is 250 mm
- Specially designed fuel tank of 110 l
- Four front and eight rear wheels with total capacity of 32.5 tons of highly stable construction allows carriers, and thus a reliable and efficient transport demanding vessels.
- minimum front "bridge" height of 250 mm is advantage what allows better acceptance of vessels. Allows longitudinal movement of the ship without restriction-important for the transport of larger and longer vessels for proper positioning of gravity.
- On request: width, capacity and other technical characteristics of the transporter can be adjusted for the specific needs.

Security, reliability, efficiency

HK25 - Internal width transporter in standard version is 1850 mm. As such it is optimally adapted to the width of typical chairs of 1.750 mm.

HK25-S - Special performance transporter with hydraulic adjustable width from 1850 up to 2850 mm.

HYDROMAT chair type in long practice proved to be the most economical and most suitable in the manipulation and storage vessels.

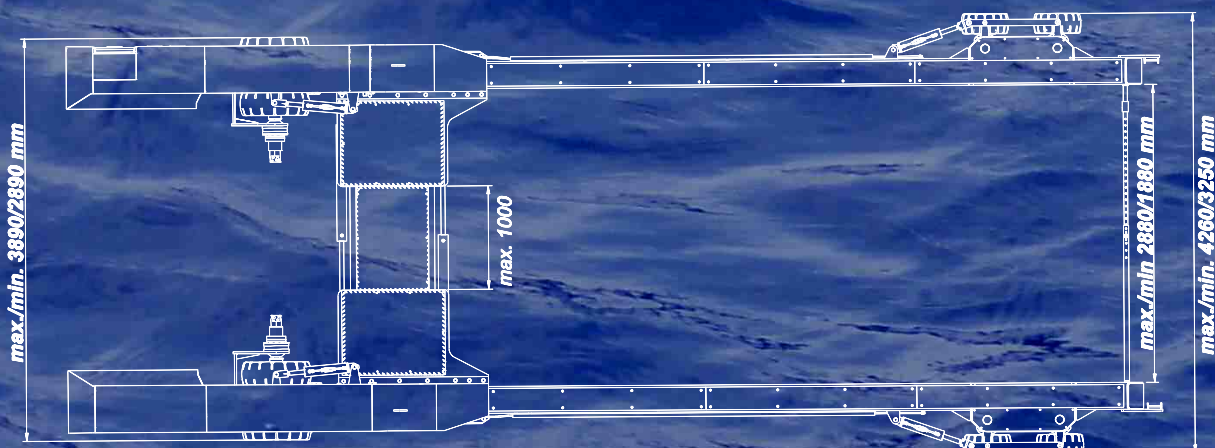
Cost of production, costs and convenience of use make this the most acceptable choices.

In the event that the vessel is not located on a chair, transporter is equipped with a tilt telescopic support and transverse support beams to support the keel.

Reliability of transport has been enabled stable and increased load capacity front and rear wheels with respect to the center of gravity and the pulling force.

For the reception of chairs special construction, provided the short lift console, which thus extend the scope of the transporter.

Transporter is self-propelled, for the drive use a diesel engine, is a remote radio-controlled so that the operator can at any time control all operational functions.



HYDROKARET HK25 i HK25-S

Transporter for sailboats, powerboats and catamarans

