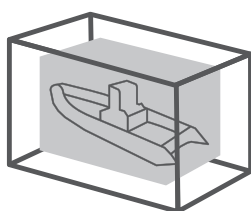


STS/RAS system

DESMI Ro-Clean

The Cube™



Multi-Mission Module

DESMI Ro-Clean STS/RAS system installed in a Cube™ setup

The Cube™ – revolutionising vessel conversion

SH Defence has developed The Cube™ to significantly reduce the time and money spent on reconfiguring navy vessels between missions. The Cube™ is a system of modules with standardised connection interfaces that can be loaded into Cube™-ready 20' and 40' mission bays and seafastened using the Automatic Twist Lock System developed by SH Defence. With the Cube™ you can prepare your vessel for a new mission in less than 4 hours.

Building your Cube™

Basically, a Cube™ module consists of either a 20' Base Frame or an Engineered Frame upon which equipment is installed. Frames can be supplied with a crash frame. The crash frame protects the equipment mounted on the frame, allows stacking of Cube™ modules and can be delivered with an integrated traverse crane capable of travelling between the modules in a Cube™. For more information on the 20' Base Frame and the Engineered Frame, please see the relevant product sheets or contact SH Defence (see contact details below).

STS/RAS system

This STS/RAS System demonstrates the versatility of the Cube™ Multi-Mission Modules.

We have installed the DESMI Ro-Clean DES Helicopter Refuelling System in a Cube™ setup. The system consists of a fuel tank, two pump systems and a storage module. The equipment is mounted on four Cube™ 20' Base Frames with crash frame and integrated traverse crane assembled into two Cube™ modules. On top of the two bottom Cube™ modules, we have installed another two Cube™ modules consisting of four Cube™ 20' Base Frames with integrated traverse crane. The top Cubes™ are intended for storage and provide additional crane capacity for loading and unloading over the side of the vessel.

This STS/RAS System fits in a 40' Cube™-ready mission bay.

Description	Value
Dimensions (L x W x H)	12192 mm x 4900 mm x 5822 mm
Traverse crane capacity	300 kg
Pump capacity	130 m³/h

GUERRA

M 42.20A

GUERRA



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Capture to contact



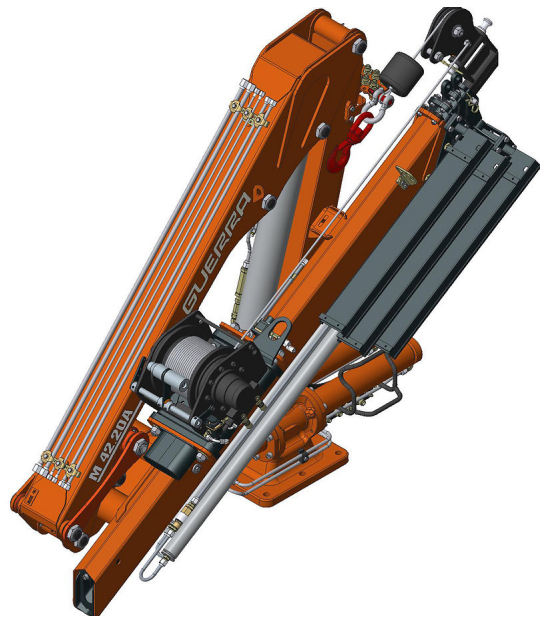
In favour of improving our products, INDUSTRIAS GUERRA reserves the right to make whatever modifications it considers appropriate without prior notice.
ED. 03/2021



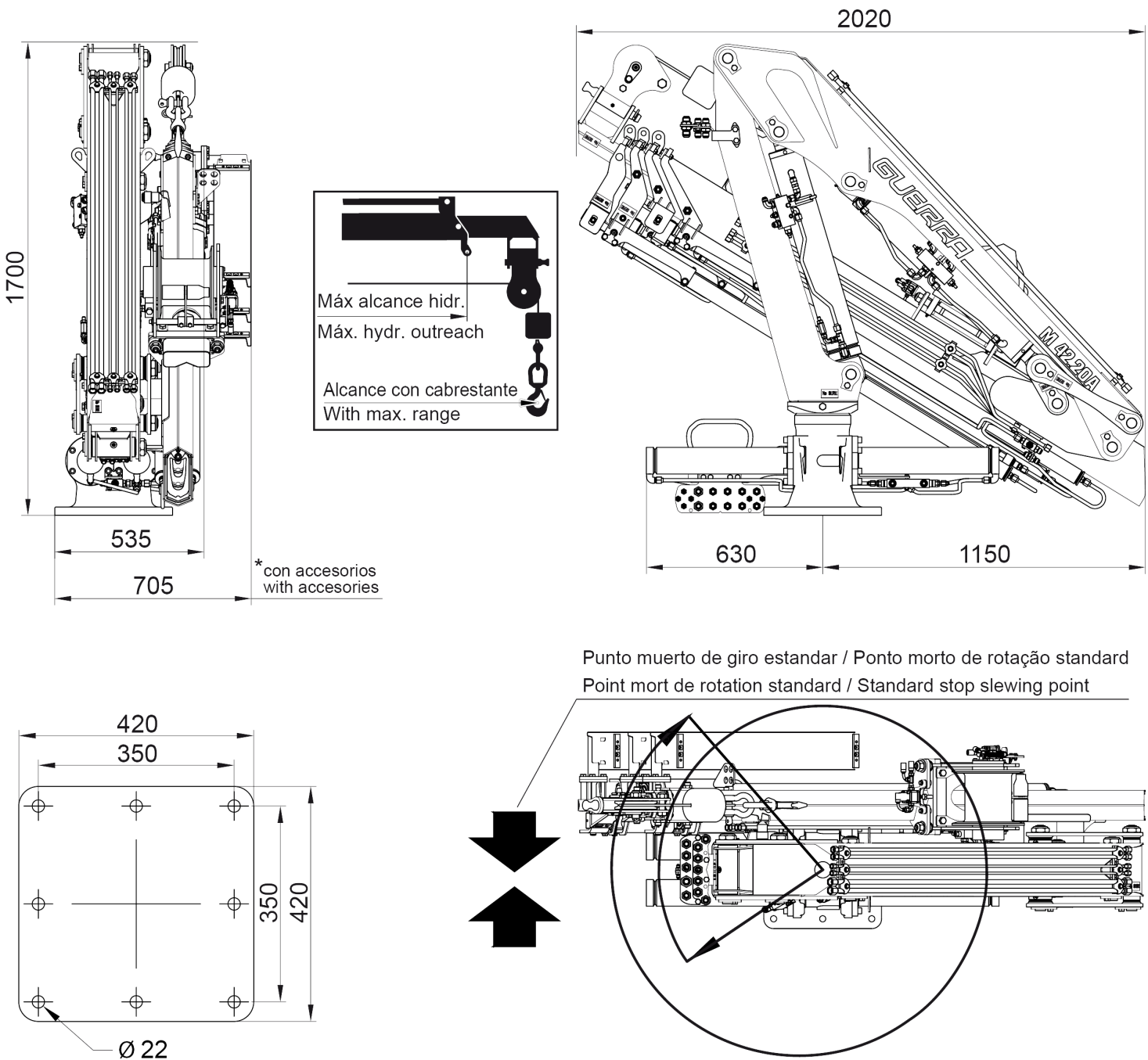
Hydraulic cranes

MARINE








M 42.20A



DIMENSIONS



TECHNICAL DATA

		M 42.20A1	M 42.20A2	M 42.20A3
 MAXIMUM LIFTING CAPACITY	[kNm]	38.6	37.1	35.7
 MAXIMUM HYDRAULIC OUTREACH	[m]	5.0	6.6	8.1
 GROSS SLEWING TORQUE	[kNm]	10	10	10
 SLEWING ANGLE	[°]	382	382	382
 MAXIMUM WORKING PRESSURE	[bar]	210	210	210
 MAXIMUM OIL FLOW	[l/min]	20	20	20
 MASS OF STANDARD CRANE	[Kg]	736	795	846

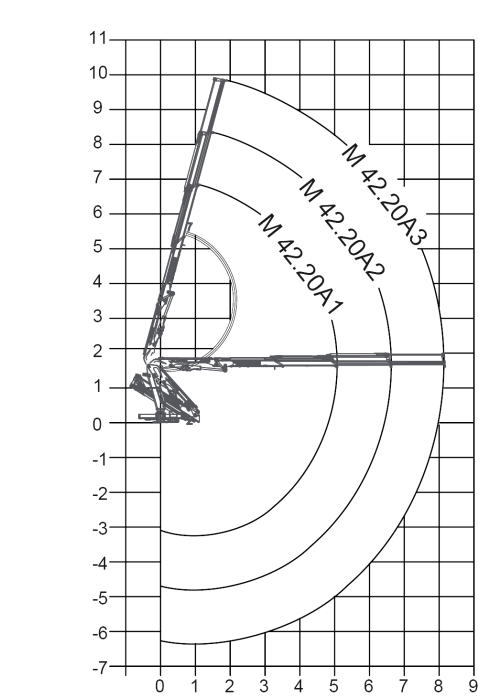
DATA

- ✓ Built according UNE-EN 13001 clas HC2/HD4-S2
- ✓ The structure of the crane is sandblasted and metallized
- ✓ Double coat of priming and two layers of painting
- ✓ Ni-Cr piston rods cylinders for marine environments, chrome plated piston rods on hyd
- ✓ Extensions
- ✓ Hose fittings and Pipes of hydraulic installation in stainless steel
- ✓ Hoses with rubber "type A" double coat
- ✓ Wheel-rack slewing system, via cylinders, with bronze bushings
- ✓ Safety valves on the cylinders
- ✓ Emergency stop button.

OPTIONAL

- ✓ Hydraulic winch.
- ✓ Remote control.
- ✓ Auxiliary hydraulic intakes.
- ✓ Electric, diesel or gasoline HPU

POSITIONS DIAGRAM



LOAD DIAGRAM



Only for use with hook - sea state 0 or harbour condition. For other uses or conditions, contact us. When operating with winch, loads must be reduced by the weight of installed winch.