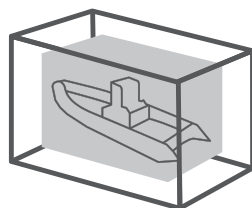


Crane

Cargo loading

The Cube™



Multi-Mission Module

Guerra MC 1200.55A6 cargo crane installed on a Cube™ Engineered Frame. Fits in a 20' mission bay.

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 flexible system consisting 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.

A strong foundation for your crane

The Cube™ Engineered Frame provides a strong and safe foundation for your cargo crane. In this case we have chosen a MC 1200.55A6 Guerra hydraulic marine crane manufactured by Industrias Guerra S.A. The crane is built according to UNE-EN 13001 class HC2/HD4-S2. For more information on the crane, please refer Industrias Guerra's website www.iguera.com.

A customised frame with plug-and-play features

The Cube™ Engineered Frame is customised to withstand the forces introduced by the cargo crane. The frame is provided with ISO corner castings enabling secure sea fastening by means of the fully automatic, retractable twist lock system developed by SH Defence.

The surface of the Cube™ Engineered Frame is made of glass-reinforced plastic (GRP) grating, which provides a very strong and anti-slip surface. The Cube™ Engineered Frame is a plug-and-play structure provided with standard connections compatible with the mission bay standard connection cabinet CubedIn™. The Cube™ Engineered Frame can be delivered with crash frame and tarpaulin as an option.

Designed to the highest standards

The Cube™ Engineered Frame is designed according to DNV GL ST-0378 Offshore and platform lifting appliances. The crane it serves is a Guerra crane MC 1200.55A6 built according to EN 13001-2 HC2-HD4-S2

Description	Value
Weight of complete Cube™	18 Mt
Cube™ Engineered Frame	
Manufacturer	SH Defence
Dimensions (L x W x H)	6058 mm x 4901 mm x 2520 mm
Crane	MC 120055A6

GUERRA

MC 1200.55A

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. 04/2019



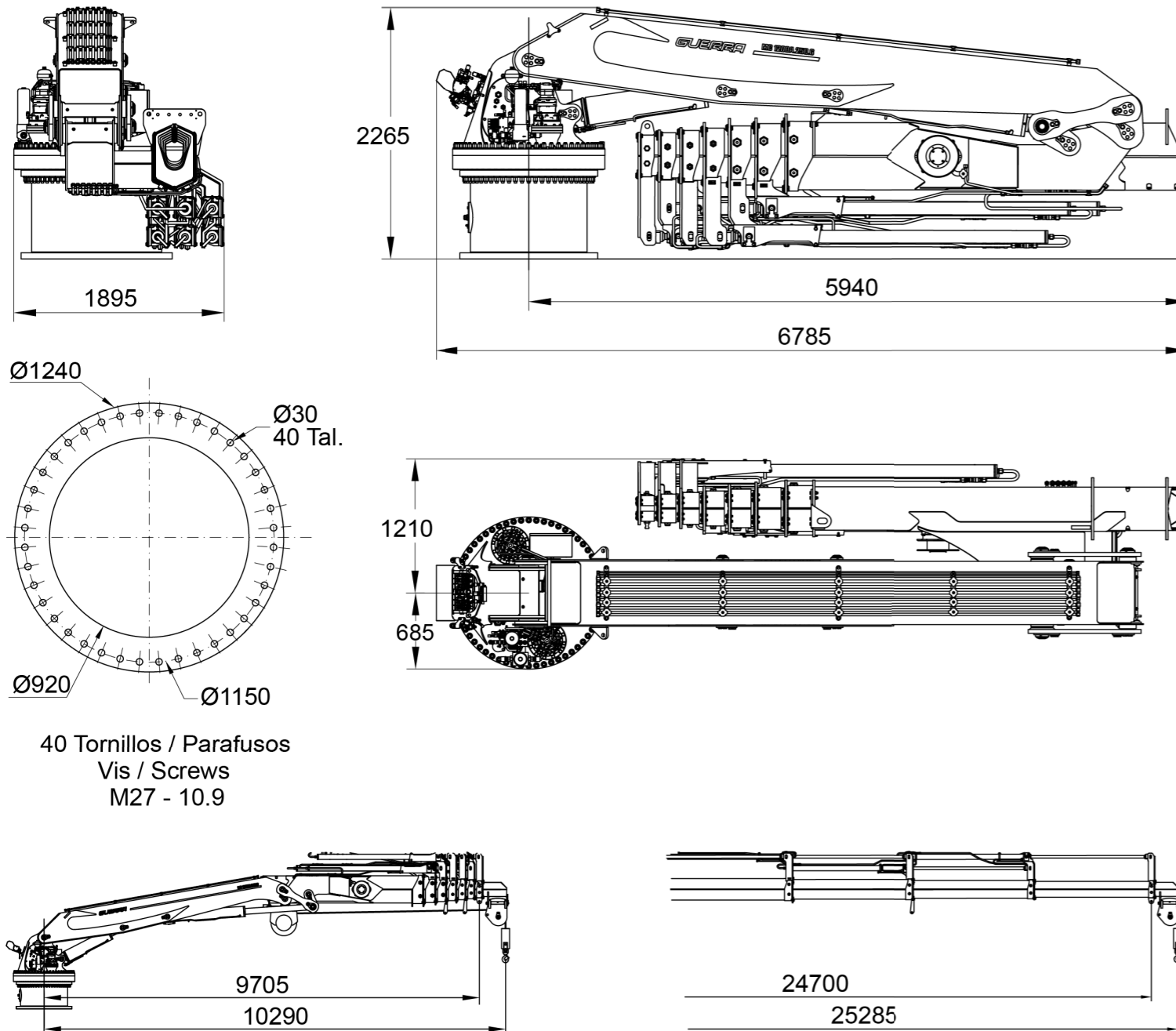
Hydraulic cranes

MARINE

MC 1200.55A



DIMENSIONS



TECHNICAL DATA

MC 1200.55A1 MC 1200.55A2 MC 1200.55A3 MC 1200.55A4 MC 1200.55A5 MC 1200.55A6

	MAXIMUM LIFTING CAPACITY	[kNm]	986.2	943.7	901.0	861.6	824.0	790.3
	MAXIMUM HYDRAULIC OUTREACH	[m]	11.2	13.9	16.6	19.3	22.0	24.7
	GROSS SLEWING TORQUE	[kNm]	117.8	117.8	117.8	117.8	117.8	117.8
	SLEWING ANGLE	[°]	cont.	cont.	cont.	cont.	cont.	cont.
	MAXIMUM WORKING PRESSURE	[bar]	280	280	280	280	280	280
	MAXIMUM OIL FLOW	[l/min]	200	200	200	200	200	200
	MASS OF STANDARD CRANE	[Kg]	8835	9430	10000	10545	11025	11450

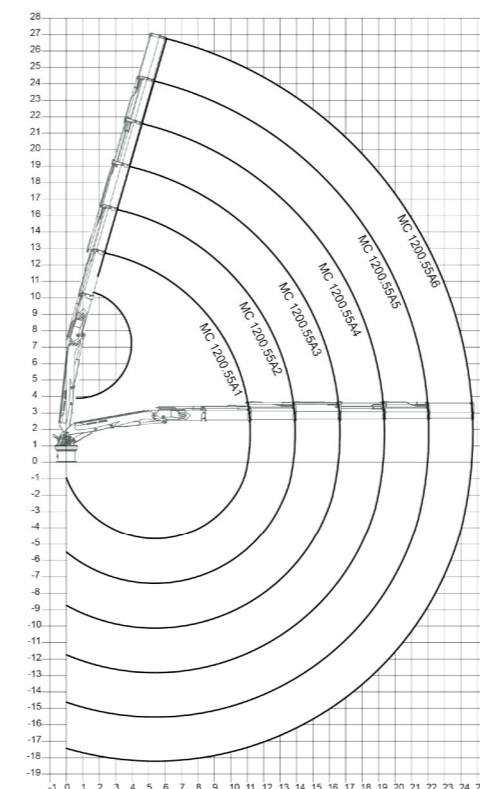
DATA

- ✓ Built according EN 13001-2 HC2-HD4-S2
- ✓ The structure of the crane is grit blasted and metallized
- ✓ Double coat of priming and two layers of painting
- ✓ Special cylinders with Ni-Cr piston rods for marine environments
- ✓ Hose fittings and Pipes of hydraulic installation in stainless steel
- ✓ Hoses with rubber "type A" double coat
- ✓ Crown Wheel-bearing slewing system, actuated by motor reducers
- ✓ Safety valves on the cylinders
- ✓ Hydraulic load limiter and Emergency stop button.

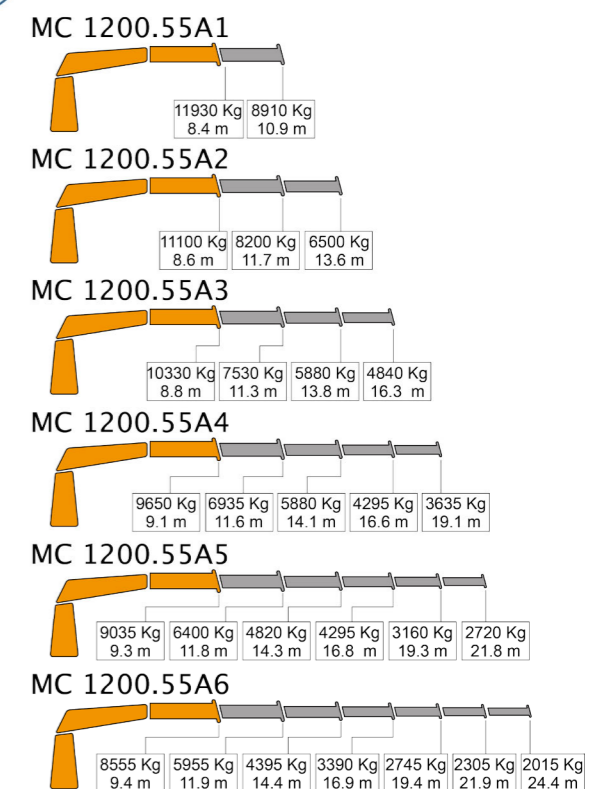
OPTIONAL

- ✓ Hydraulic winch.
- ✓ Remote control.
- ✓ Auxiliary hydraulic intakes.
- ✓ Cab.
- ✓ 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.