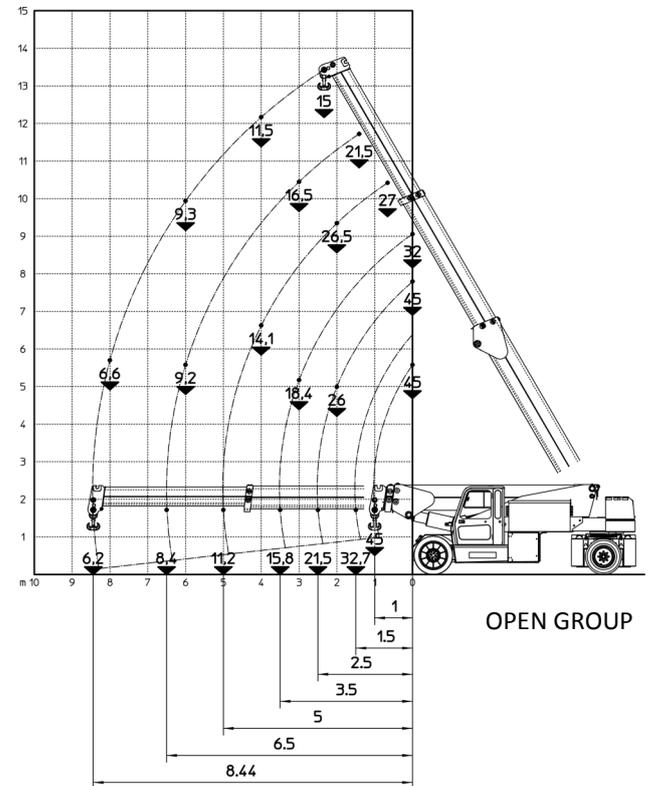
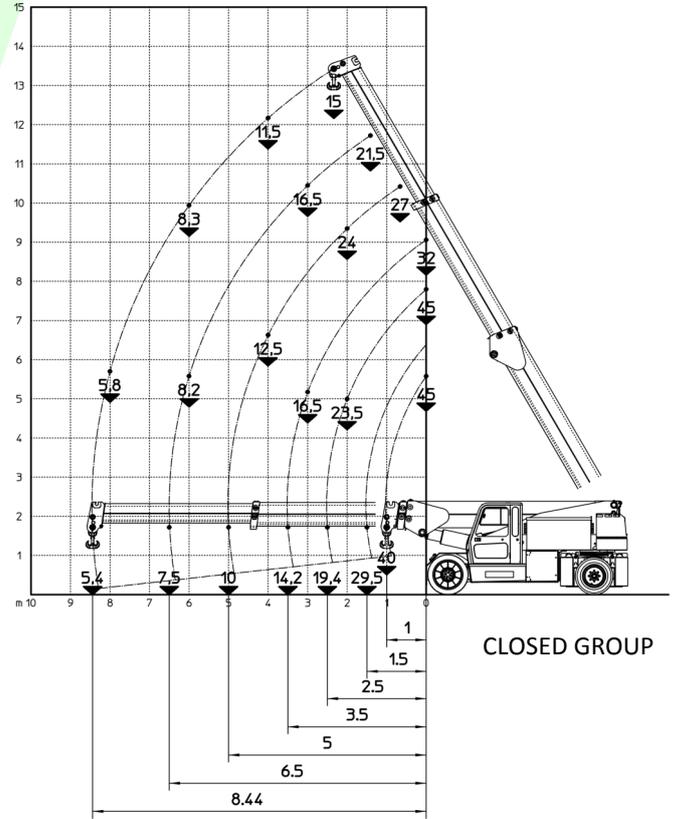


Made in Italy

MC 450

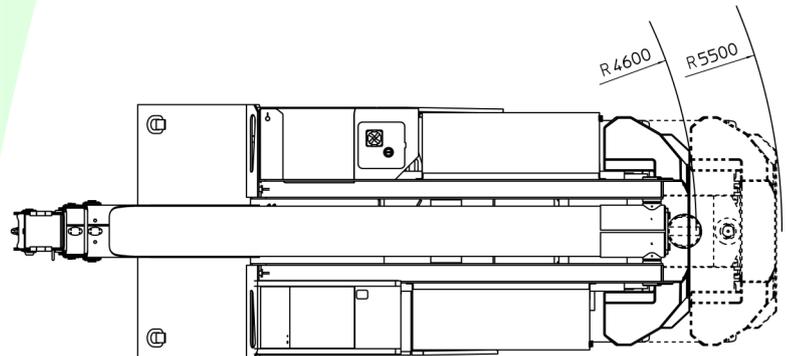
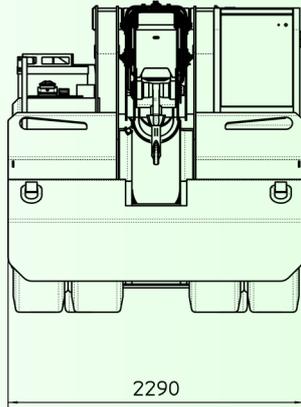
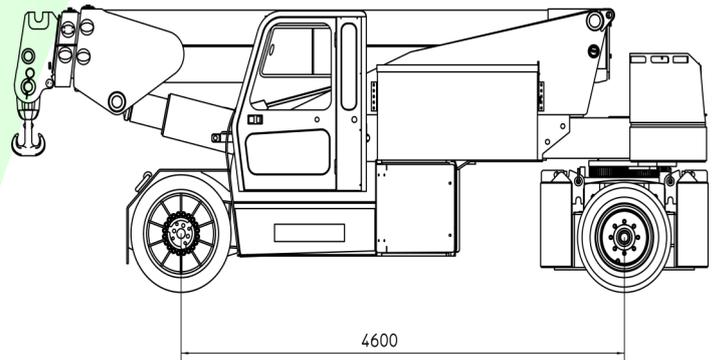
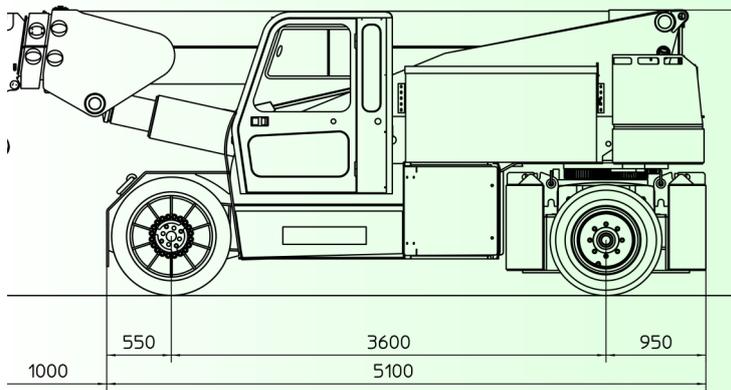
Max capacity 45 t

MODEL	MC 450
CRANE CLASSIFICATION ACCORDING TO UNI ISO 4301-1	A3
EU STANDARD	2006/42 CE MD 2004/108 CE EMC 2006/95 CE LVD And subsequent modifications
REFERENCE STANDARDS	EN13000:2010 / UNI ISO 4301-2:2011 ANSI/ASME B30.5 - 2011 INAIL (Decreto Legislativo 27-01-2010, n.17) And subsequent modifications
TRACTION	Electric
BOOM ACTIVATION	Hydraulic
POWER TYPE	Electric battery
MAX. CAPACITY (kg)	45000
TOTAL WEIGHT (kg)	32000
BOOM ANGLE TOPSIDE (°)	60
BOOM ANGLE DOWNSIDE (°)	-6



MC 450 Max capacity 45 t

PATENT PENDING



FRAME:	JMG designed and manufactured, box type, torsion resistant design of high strength structural steel.
BOOM:	Made of moulded and welded quality steel plate, comprised of a base unit, and two hydraulic extensions (proportional telescopic boom).
TRACTION MOTOR:	Electric motor 2x16 kW, 96V AC, Insulation class K1H.
MOTOR PUMP:	Electric motor 1x35 kW 96V AC, 1x16 kW 96V AC, Insulation class K1H.
POWER DRIVE:	Electronic speed control, MOSFET type.
BATTERY:	96 V - 1550 Ah.
TRANSMISSION:	Front axle through epicyclic reduction gears.
WHEELS:	Front axle: 4 cushion wheels 40x16x30 Rear axle: 4 superelastic wheels 9.00-20"
BRAKING:	Service brake: hydraulic pedal operated. Parking and emergency brake: hydraulic with automatic insertion electric control.
STEERING:	On the rear wheels by hydraulic motor controlled by hydrostatic power steering with load sensing priority valve. The supply of the hydrostatic system is guaranteed by the oil dynamic system of the crane.
HYDRAULIC SYSTEM:	Powered by a 35 kW motor pump. Actuators controlled through electro-proportional distributor with electronic joystick. Filter and safety valve. 22 MPa max pressure.
SAFETY DEVICES:	Electronic load moment indicator.

OPTIONAL EQUIPMENT (at extra charge)

Hydraulic winch - Manual Jib - Hydraulic Jib - Non-marking wheels - Man basket - Hydraulic chain hoist
Cable remote control - Radio remote control - Hydraulic forks

JMG CRANES S.R.L.

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UNI EN ISO 9001:2008