

Quotation n.: 13/A/0133		Date: 19/04/2013
Rev. n.: 00		Ref. name: Rodolfo Manotti

Boretto, 19th April, 2013

M/S
RE-MOVE
MAARSEN
THE NETHERLANDS

info@cranes4cranes.com

Kind attention:
Mr. John Casteleijn

QUOTATION 13/A/0133

MANOTTI ROUGH-TERRAIN CRANE MODEL ARM-600

CRANE SPECIFICATION:

Performance

Maximum rated lifting capacity:	60 metric tons x 2.5 m
Boom length:	11,2 m – 35,5 m (4 sections telescopic boom)
Maximum lifting height:	35 m
Boom derricking angle:	-1,6° + 80°
Boom derricking time:	36 sec
Boom extending time:	11,2 m – 35,5 m /65 sec
Hoisting line speed (Winch up):	92m/min (on the 4 th layer)
Hoisting hook speed (Winch up):	0m/min (on the 4 th layer, parts of line 9)
Slewing speed:	0,8 min ⁻¹

Hoisting Ropes

Rope type:	Anti rotating (Right lang lay)
Diameter:	16 mm
Length:	180 m

P.C. Produzioni Srl

Via D. Marchesi, 2/b - 42100 Boretto (Reggio Emilia) - Italia
Tel. +39 0522 965590 r.a. - Fax +39 0522 965444 - <http://www.pcproduzioni.com> - e-mail: info@pcproduzioni.com
P. IVA e Cod.Fiscale 01507590352

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Hydraulic system

Oil pump:	1 fixed displacement axial piston pump, 5 gear pumps for crane service
Hoisting motor:	Fixed displacement hydraulic motor, axial plunger type
Slewing motor:	Fixed displacement hydraulic motor, axial plunger type
Cylinder:	Double acting type
Control valve:	Two way, pilot line, external relief valve
Standard equipment:	Hydraulic oil cooler
Oil reservoir capacity:	480 L

Winch system

Winch: Driven by axial plunger type hoisting motor through built in gear reduction, equipped with hydraulic piloted negative brake

Safety devices

- Standard safety devices including over hoist and over lowering limit switches.
- Lock valves on all hydraulic cylinder, safe load moment indicator, over pressure, counter balance valve.
- Area encoder for pick and carry operations.

General data

Drive system:	4 x 2, 4 x 4
Maximum travelling speed:	35 km/h
Maximum travelling speed (on road):	40 Km/h
Gradeability:	40%
Minum turning radius:	5,8 m (4 wheel steer) 10,3 m (2 wheel steer)

Overall dimension

Overall length:	12.749 mm
Overall width:	2.550 mm
Overall height:	3.332 mm
Wheel base:	3.797 mm
Treads	Front: 2.088 mm Rear: 2.088 mm
Center to center of extending outriggers:	6.000 mm
Gross vehicle weight	Front: 15 ton Rear: 19,7 ton

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Brakes

Service brake: Hydraulic service brakes, separated DOT brake fluid tank for each axle
 Parking brake: Disk parking brake mounted on front axle
 Electric system: 24 Volt electric system
 Battery: 2 x 140 Ah each
 Fuel tank capacity: 200 L

Driver cab:

- Panoramic and ergonomic
- Safety glasses with protection grid on the top
- Adjustable sit and new generation complete instruments

Tyres

Size Front tyre: 16.00 – 25 32 P
 Rear tyre: 16.00 – 25 32 P

Transmission

Hydrostatic transmission with variable displacement pump and motor. Gear box with 2 forward and 2 reverse speed

Axle

Front: Driving and steering axle, with torque hubs, rigidly fixed to the chassis
 Rear: Driving and steering axle, with torque hubs, rigidly fixed to chassis by a balance, hydraulic/mechanical locked

Steering system

- Orbitrol steering system, with independent mode for front and rear axle
- Front, rear, crab and coordinating steering

Engine

Maker: Iveco
 Model: FPT N67 ENT TIER III
 Type: Six cylinders in line turbo charged after cooled, water cooled electronic common rail diesel engine
 Piston displacement: 6,7 L
 Max output HP: 175 kW/2.200 rpm
 Max output torque: 1.020 Nm/1.500 rpm

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Engine benefits

- Performance: New engines, but run in, starting temperature with standard equipment auxiliaries down to – 25°
- Serviceability: Worldwide service network
- Reliability: By pass valve on oil/fuel filters
- Cost effectiveness: Extended 600 h maintenance intervals (oil, filters change), reduced oil consumption new blow up circulation system
- Environmentally friend: Reduce noise

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MANOTTI ROUGH-TERRAIN CRANE MODEL ARM 600

QUOTATION

P.C. Produzioni MODEL ARM 600 BASIS MACHINE 4x4x4 , INCLUSIVE OF SAFE-LOAD MOMENT INDICATOR AND HYDRAULIC SYSTEM OIL COOLERS.

SPECIAL DEALER ONE UNIT PRICE	EURO 277.000,00*
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*CONSIDERING PURCHASE OF 2 UNITS, A/C INCLUDED

Delivery conditions:

INCOTERMS2010: EXW BORETTO (RE)

WARRANTY: 2 YEAR FROM DELIVERY DATE OR 2000 WORKING HOURS

PAYMENT TERMS: CONFIRMED AND IRREVOCABLE LC

DELIVERY TERMS: TBA

OFFER VALIDITY: 60 days

COUNTRY OF ORIGIN: ITALY, EUROPEAN COMMUNITY.

ATTENTION:

This document is for information purpose only.

Please note that this is not and cannot be construed as a binding offer from our part under any respect.

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