# 160 SD

Diesel Carry-deck crane with 16,000 kg capacity

## Chassis
- 4 wheels, H shaped type structure made in high quality steel.

## Operator Cabin
- Ergonomic compliance, wide glass surface, FOPS compliance (ISO 13000).

## Wheels
- **Front**: 2 pneumatic tyres 10.00 – R20"
- **Rear**: 2 pneumatic tyres 10.00 – R20"

## Traction
- Hydrostatic, permanent all wheels drive system.

## Service Brakes
- N’2 disc brakes in oil bath on front axle
- N’2 disc brakes in oil bath on rear axle

## Parking Brake
- S.A.H.R disc brakes in oil bath on forward axle.

## Steering
- Double steering axles with three different configurations: rear steering mode, crab steering mode, articulate steering mode.

## Lights
- Automotive headlamps and working light.

## Turret
- 360° slewing feature.

## Boom
- Manufactured in high quality steel, made by four elements: main boom and three telescopic hydraulic sections, 16T hydraulic winch.

## Fuel
- 90l tank to refill with Diesel EN 590 only.

## Engine
- In-line 4-cylinders Turbo Diesel 74.5 kW @ 2200 rpm meets EU97/68 Stage IIA, U.S. Epa Tier III or
- In-line 4-cylinders commonrail Turbo Diesel 75 kW @ 2200 rpm meets EU97/68 Stage IV, U.S. Epa Tier IV

## Stabilization
- 4 H-type outriggers installed on 4 independent H-type crossbars.

## Boom Control
- CAN-bus joystick inside the cabin.

## Drive Control
- By pedal and steering wheel.

## Safety System
- Manual flying jib, radio remote control (for boom, turret, winch), InTouch system®, cabin air conditioning, Tyco Ansul® fire extinguishing system, self-lubricating system, bonding reel, airport lights, collision avoidance cameras, crossbars with three different areas available per side (0%, 50%, 100%), spare wheel on deck.

## Optionals
- Manual flying jib, radio remote control (for boom, turret, winch), InTouch system®, cabin air conditioning, Tyco Ansul® fire extinguishing system, self-lubricating system, bonding reel, airport lights, collision avoidance cameras, crossbars with three different areas available per side (0%, 50%, 100%), spare wheel on deck.

All specifications are subject to change. Consult Valla for latest specifications.

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**Features**

<table>
<thead>
<tr>
<th>MAX CAPACITY</th>
<th>16,000 kg</th>
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<tbody>
<tr>
<td>MAX BOOM EXTENSION</td>
<td>10.5 m</td>
</tr>
<tr>
<td>MAX BOOM ANGLE</td>
<td>70°</td>
</tr>
<tr>
<td>MINIMUM BOOM ANGLE</td>
<td>0°</td>
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<tr>
<td>WEIGHT</td>
<td>16,000 kg</td>
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<tr>
<td>CONFORMITY</td>
<td>2006/42 CE; 2014/30 CE; 2014/35 CE; 2000/14 CE; EN 13000</td>
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</tbody>
</table>
Free on wheels

Pick & Carry – V < 3 km/h

Front/Rear – on outriggers 0-50*-100%

*extension 50% is an option
Incredible handling

Ergonomic operator cabin

Independent crossbars and outriggers

Incredible handling

Lashing points are considered as option.