

# 120 E

**Motor:**  
Electric

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**Capacity:**  
12 Ton

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**Hydraulic system:**  
in own enclosed circuit powered by a 8 kW - 72 V motor driven pump through two self cancelling control valves, lever operated, 1 for boom raise and lower, 1 for boom extension and retraction. Fitted with safety valves and filters. Maximum hydraulic pressure

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**Boom:**  
fabricated from preformed and welded steel plate with 3 hydraulic telescoping sections. Fitted with adjustable nylon wear pads.

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**Steering:**  
power steering operated through own hydraulic circuit by a hydraulic cylinder fitted between the articulated power unit and the crane frame allowing 130° steering fitted with safety valves and filters.

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**Wheels:**  
rear 2 solid tires 27 x 10 - 12", front 4 solid tires 7.00 - 12".

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**Crane frame:**  
fabricated from preformed and welded steel plate with built-in counterweight.

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**Brakes:**  
Foot operated brakes on driving wheels and hydraulic shoe brakes on front wheels. Hand brake mechanically operated.

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**Suspension:**  
oscillating rear axle with mechanical lock..

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**Transmission:**  
differential axle with reduction gear between motor and wheels running in oil bath. Travelling speed up to 10 Km/h.

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**Battery:**  
820 Ah - 72 V. Battery meter on dashboard.

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**Propulsion:**  
12 kW - 72 V DC fanned reversible electric motor fitted with a MOSFET speed control and microprocessor. .

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**Driver's overhead guard:**  
a steel frame over driver's seat allowing full visibility with metal checker plate overhead.

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**Weight:**  
Kg. 13.000~.

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**Optionals:**  
L.M.I. (Electronic Load Moment Indicator), manual boom extension, man bucket, remote control, canvas cab, hydraulic winch, hydraulic chain hoist, carry deck, battery, battery charger, non-marking tires.

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**Hydraulic steering system:**  
1 kw - 72 V motor driven pump.

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