

**1      24034000000      Fassi crane model F245A.0.24**

Lifting moment: 221 KNm.

Standard hydraulic reach: 12,55 m.

Max hydraulic horizontal outreach in loading configuration: 12,25 m.

Load at the max horizontal outreach: 1625 kg.

Lifting class HC1 HD4 S2 according to the EN12999:2011.

Standard features:

Hydraulic extendable outriggers with max spread of 5080 mm.  
Outrigger rams have jointed plate in Monocast material.

Casted steel column support and lower column section for ideal stress distribution and greater resistance. The drastic reduction of welds on the base group provides the crane with characteristics of exceptional resistance to fatigue.

Rack and pinion rotation system with self-centering cast iron wear pad to ensure the correct and constant coupling between the pinion and the rack, avoiding the wear and tear of the teeth.

Rotation angle: 420°.

Rotation torque: 37,1 kNm.

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**S800** proportional multifunction distributor bank, four segments, horizontally positioned on the crane base, completed with filter in the pressure line. Version with dual ground controls.

**MPES** system (Multi Power Extension System) that guarantees an exceptional extension/retraction speed of the extension booms, built up by a set of equally powerful independent rams, linked in series connection and activate by a single control. Special independent fixing system of the extension rams to guarantee high vertical lifting performances. Extension booms guide shoes with "forced" assembly to reduce vertical and lateral clearance, ensuring greater durability. Special guide shoes material with high sliding degree and low greasing request.

190 l crosslink polyethylene oil tank particularly resistant to shocks and the corrosive action of any external element.

8 t. boom tip swivel hook.

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**Dual ground controls**

Dual ground controls - 4 functions (included in the crane price).

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**Hydraulically extra extendable outriggers**

Hydraulic extra extendability of lateral outrigger supports for a total spread of mm 5990.

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**Hydraulically tiltable outriggers**

Hydraulically tiltable outrigger rams, positioning at 180°, through a hydraulic motor.

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### **Oil cooler**

Oil/air cooling system composed by an oil cooler type 60/24 completed with thermostatic valve and cooling fan installed on the cranes with pump capacity up to 60 l/min and 24V. vehicle battery. Oil cooler is equipped with brushless motor having fully integrated motor control electronics and certified according to IP68 protection level. It has soft-start function and the fan speed is directly proportional to temperature variations with consequent power saving.

It also has automatic self-cleaning function to eliminate the debris deposited in the radiator thanks to the completely reversible fan motor rotation managed by the electronics at the end of any oil cooler cycle.

By-pass valve integrated in the oil cooler, high protection systems against overvoltage, undervoltage, overload, over-temperature, under-temperature, inverse polarity, blocked rotor and temperature for the oil cooler start and stop set-up through program parameters. Through the analogue sensor for the temperature lodged in the oil cooler, the temperature level is shown on the radio remote control handle display and/or on the user panel.

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The oil cooler is fitted on the crane base using a vibration dumping system.

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### **Hydraulic pump**

Hydraulic piston pump complete with hoses and connectors for hydraulic system oil tank-pump-distributor bank.

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### **Long fixing rods**

Long fixing bolts for crane fixation to the vehicle chassis, in place of standard ones.

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