



FASSI GROUP

F1250R.2.8 HXP-TECHNO



Heavy-duty



Images shown in the offer are for demonstration purposes only and may not reflect the actual product



Standard lifting moment	895 kNm	Standard load at max horizontal outreach	4060 kg
Standard hydraulic outreach	19.60 m	Hoisting class	HC1 HD5 S2
Standard max hydraulic horizontal outreach	19.60 m	Outriggers	Hydraulic 8.840 mm:

Main features of the crane

Crane base suitable for installation with incorporated sub-base, for direct welding to the sub-base.

Extra hydraulic extendable outriggers with max outreach of 8840 mm. Outrigger rams have swivel plate in Monocast material.

360° continuous rotation by means of hydraulic motor, completed with hydraulic and electric rotating distributor.
Rotation torque: 100 kNm.

Hydraulic **PROLINK** (elevation of the outer boom up to 10° above the horizontal position).

Linkage on crane articulations, maintaining a constant lifting moment and better crane performances in terms of both dynamic lifting and static capacity.

Remote control of the crane and outriggers via 6 linear functions digital Fassi **V7S** radio. Radio remote control handle with graphic color display showing information of the crane working status and icons to select the available functions, visual and acoustic indicators of the load capacity applied on the crane (crane and outriggers manual control only in case of emergency).

D900 proportional digital multifunction distributor bank, four segments, positioned on the column, completed with digital electro-hydraulic modules and filter in the pressure line. Multifunction ability of the distributor bank managed by the dynamic software "Flow Sharing".

Hydraulic proportional distributor bank, five functions, for outriggers control.

FX990 electronic lifting moment limiting device equipped with 2 lines Ethernet and 3 lines CanBus. CPU is made of die-cast aluminium with protection degree IP69K, 512 MB RAM and 1 USB input. The FX990 limiting device monitors the pressure induced by the load in all the lifting rams, in particular by a double pressure transducer mounted on the inner ram. It is completed with 7"x27" graphic color touch screen display and 1024x600 pixel resolution, located on the crane base, giving analytic information about the working status of the crane and outriggers.

XP device (Extra Power) to activate, if required, an extra power reducing crane working speed.

IMC (Integral Machine Control) and ADC (Automatic Dynamic Control) systems integrated in the electronic of FX990, to manage the digital communication among the electronic devices and the automatic control of the dynamic (crane working speed depends by the entity of the load applied).

MPES system (Multi Power Extension System) built up by a set of equally powerful independent rams, hydraulically linked in series, to guarantee an exceptional extension and retraction speed of the extension booms.

« **X-Design** » : decagonal section of outer and telescopic extension booms, that allows a better distribution of the forces between the guide shoe and the extension, and by consequence reduces the thickness and weight of the extension booms and improves capacities, mainly in the vertical configuration.

Oil recycling valve having the function to double the speed of the extension booms exit, electrically operating and activated through selection from the radio remote control handle.

XF type safety check valves on the lifting rams, to assure maximum check, precision and fluidity of the crane movements.

Oil cooler type **120/24** (24V) with soft-start function to eliminate the peaks of current during the ignition, brushless motor having fully integrated motor control electronics certified according to IP68 protection level, automatic self-cleaning function thanks to the completely reversible fan motor rotation and temperature sensor to read and show the oil temperature level on the user panel display and activate the oil cooler to the temperature fixed in the Fassi software.

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

Carbon look carters for protection of the hydraulic and electrical circuit, motoreducer, column side and inner boom. New carter on the rear side of the column with hoses laterally routed and carter on the rear side of the outer boom for protection of the extension booms.

Single electrical supply box between crane and truck code IE742, mounted and equipped with wired power lines.

22 t **swivel hook**.

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— Crane model version

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Fassi order code: 9106810

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— Version setup

1 06S1 6 function V7S radio remote control



6 linear lever functions digital Fassi V7S radio remote control. Control handle mini type with color graphic display 4.3" - 24 bit - 480x272px, automatic contrast management based on the ambient light, showing information of the crane working status, icons to select the available functions and indicators of the load percentage capacity applied on the crane. 6x virtual scroll buttons for activation of check menus like operating status of the crane, of the stability, status of the alarms and possible crane utilization conditions, diagnostics, monitoring of the load applied on manual extensions, summary of all operator controls and relevant controls for authorized product support. Through icons can be activated speed limiters, vehicle engine start/stop, motor accelerator/decelerator, stop emergency system class 4 (PL=e), start and acoustic alarm, general starting of the system. Completed with battery charger, n. 2 high performances rechargeable batteries, automatic frequency synthesizer, m 10 serial cable and belt for control handle.

— Safety CE devices

1 0843 Rotation arc limiter



Adjustable rotation arc limiter for cranes with electronic system.

— Crane outriggers

1 0150 Hydraulically tiltable outriggers



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

— Supplementary outriggers

1 023A Hydraulically extendable supplementary outrigger



Hydraulically extendable "H" style adjustable height supplementary outrigger useful for under chassis installation without FSC code 1150A140, having the following characteristics:
wheelbase fully extended mm 7538
weight kg 1366.

1 02C1 Outrigger rams



N. 2 outrigger rams code 992174/2 for supplementary outriggers. Completed with removable plates kit ref. 330K062.
Rod stroke: 410 mm
Diameter of the plates: 400 mm

— Extras

1 0141 Long fixing rods



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

1 9505 Hydraulic pump



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

Extra accessories and services

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Total for extra accessories and services



Longer stabilizer type 701618 out of standard

1 insert a category / description

Custom accessory / service

