



LEADER **IN** INNOVATION

FASSI, LEADER IN INNOVATION

THE NEW REMOTE CONTROLS V7 THE EVOLUTION OF ELECTRONICS

The introduction of the latest V7 remote controls confirms Fassi's status as a leader in innovation in the lifting sector.

The continuous evolution of electronics in the digital age has seen the Italian company's research and development team create an advanced command and control interface that makes its cranes even more accurate and even more efficient to use.

This is made possible by the development of ever more sophisticated proprietary control technologies, which meet the need for clear communications with the system that is being controlled.

INTERACTIONS FOCUSED ON THE TASK BE CARRIED OUT

*It simplifies the
daily work of the
operators*



The operating concept of the new V7 remote controls is specifically oriented to the tasks to be carried out with the device, this simplifying the daily work of the operators.

Whatever the activity, the graphic display of these new Fassi remote controls makes it easier for the operator. What if the operator is unsure about the consequence of a certain action? The integrated function on the colour display shows the permitted and prohibited manoeuvres, removing any uncertainty by revealing the consequences of any proposed action.

The data is shown through the status indicators that accompany the icons identifying the corresponding push-

button functions. This is a leap forward in the operator-machine interface, as well as an improvement in the clarity of the signal offered, thanks to the new graphic interface that provides an instant picture of the crane's operating conditions. With this information, including how close the crane is to its limits, the operator's decision making is improved immeasurably. The technology, developed in-house by Fassi's own research department, has international patent protection.



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EFFECTIVENESS OF THE OPERATOR-MACHINE DIALOGUE

The new graphic interface of Fassi's V7 remote controls represents an improvement in the efficiency of the communication between the crane and its operator, enabling the operator to detect and understand an event to optimise their work.

v7 Radio Remote Control **IN** DETAIL



- ▶ New 4.3" colour display
- ▶ 24bit - 480x272px
- ▶ Automatic contrast management based on the ambient light
- ▶ 6x virtual scroll buttons

v7S



- ▶ New 3.5" colour display
- ▶ 16bit - 320x240px
- ▶ Automatic contrast management based on the ambient light
- ▶ 6x virtual scroll buttons

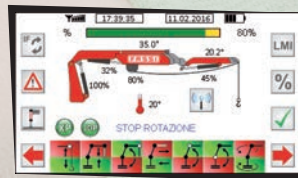
v7H

THE SOFTWARE OF BOTH COMBINATIONS HAS
THE SAME GRAPHIC INTERFACE SYSTEM

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LIST OF MENUS THAT MAKE UP THE NEW
REMOTE CONTROL GRAPHIC CONTROL ENVIRONMENT

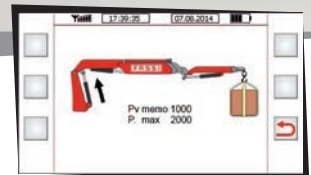
FASSI REMOTE CONTROLS V7



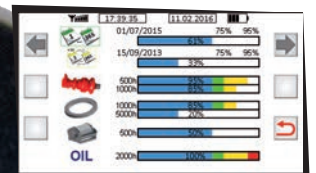
OPERATING STATUS OF THE CRANE



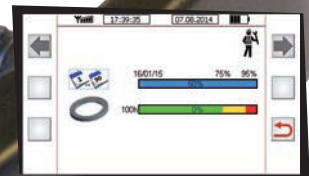
DIAGNOSTICS



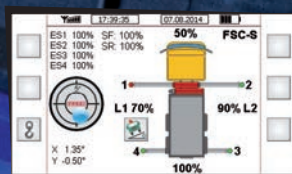
MONITORING THE LOAD ON MANUAL EXTENSIONS



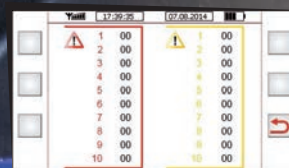
SUMMARY OF RELEVANT CONTROLS
FOR AUTHORISED PRODUCT SUPPORT



SUMMARY OF ALL OPERATOR
CONTROLS



STATUS OF THE STABILITY
OF THE CRANE



STATUS OF THE ALARMS AND
BLOCKAGE CONDITIONS OF THE
CRANE

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V7 Radio Remote Control **IN** DETAIL IN PARTICULAR THE MAIN MENU SHOWS

- The dynamic dashboard with the manoeuvres that are permitted and prohibited under the crane's set-up
- Eeight indicator, showing the load in kg
- The load moment indicator with the value highlighted in red showing a jack in an overload condition
- Oil temperature indicator, highlighted in red when the heat exchanger is activated
- Error status indicator for the transducers
- Direct access to the main functions



V7 REMOTE CONTROLS



The main menu of the Fassi V7 remote control transmitter displays the operating status of the crane. This is the most significant innovation in the new monitoring and control system. Thanks to the technology behind the digital dashboard, which shows permitted and prohibited crane movements, the system's efficiency has increased significantly. In addition to this and to the amount of information already contained in the interface of the Fassi FX901 system, other critically important indicators have been added.

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THE NEW REMOTE CONTROLS V7

The new Fassi V7 remote controls are designed to be used in combination with:

- 1) mini cameras generally positioned on the crane jib, which show the load being handled via Wifi on the colour screen.
- 2) a load monitoring system consisting of an electronic shackle that detects and transmits weight data to a receiving component, connected to the CAN-bus data transmission system of the crane. The information is displayed on the colour screen of the remote control box.

FASSI V7 REMOTE CONTROL ADVANTAGES

► Large colour screen, visible even in direct sunlight, with wide viewing angle

► Availability of 6/8 function keys on each side of the display to replace the old control system, in addition to the speed dial keys already seen on previous-generation remote controls

► Easy to use and fast to put into service, thanks to intuitive operation of the device

► Dynamic digital dashboard with instant indication of available manoeuvres and operational limits

► Clear presentation of information, with

icons and text showing working conditions of the crane, including the status of crane functions and stability conditions – as well as diagnostic and maintenance information – all in accordance with international standards

► Maximum safety settings, with text appearing in the operator's language



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THE AIM OF THE FASSI RESEARCH AND DEVELOPMENT TEAM

The aim of the Fassi research and development team was to go beyond a normal control system. Therefore it has designed a tool that is firmly focused on effectiveness: by displaying the status of all the various functions, the operator can check any aspects indicating poor operational efficiency and then instantly select the best set-up for the crane.

THE NEW REMOTE CONTROLS V7



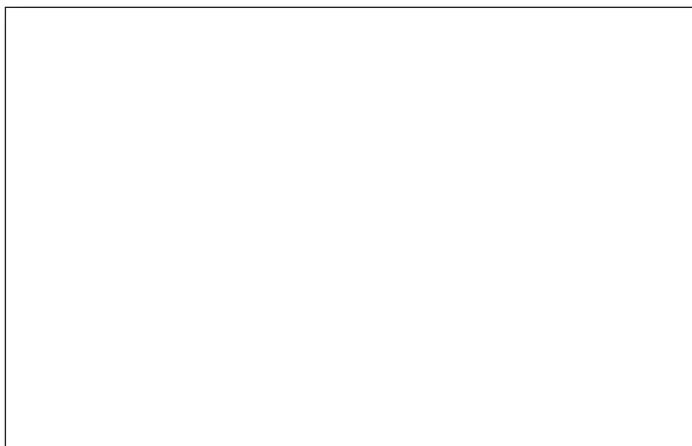
FASSI V7 REMOTE CONTROLS ARE AVAILABLE FOR ALL CRANE MODELS
EQUIPPED WITH THE FX900 SYSTEM



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ELECTRONIC DOCUMENTATION

All documentation related to the "Techno chips" and the crane is available in electronic format. Require all information you may need directly to your Fassi dealer or download them from the internet site: www.fassi.com.



www.fassi.com

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