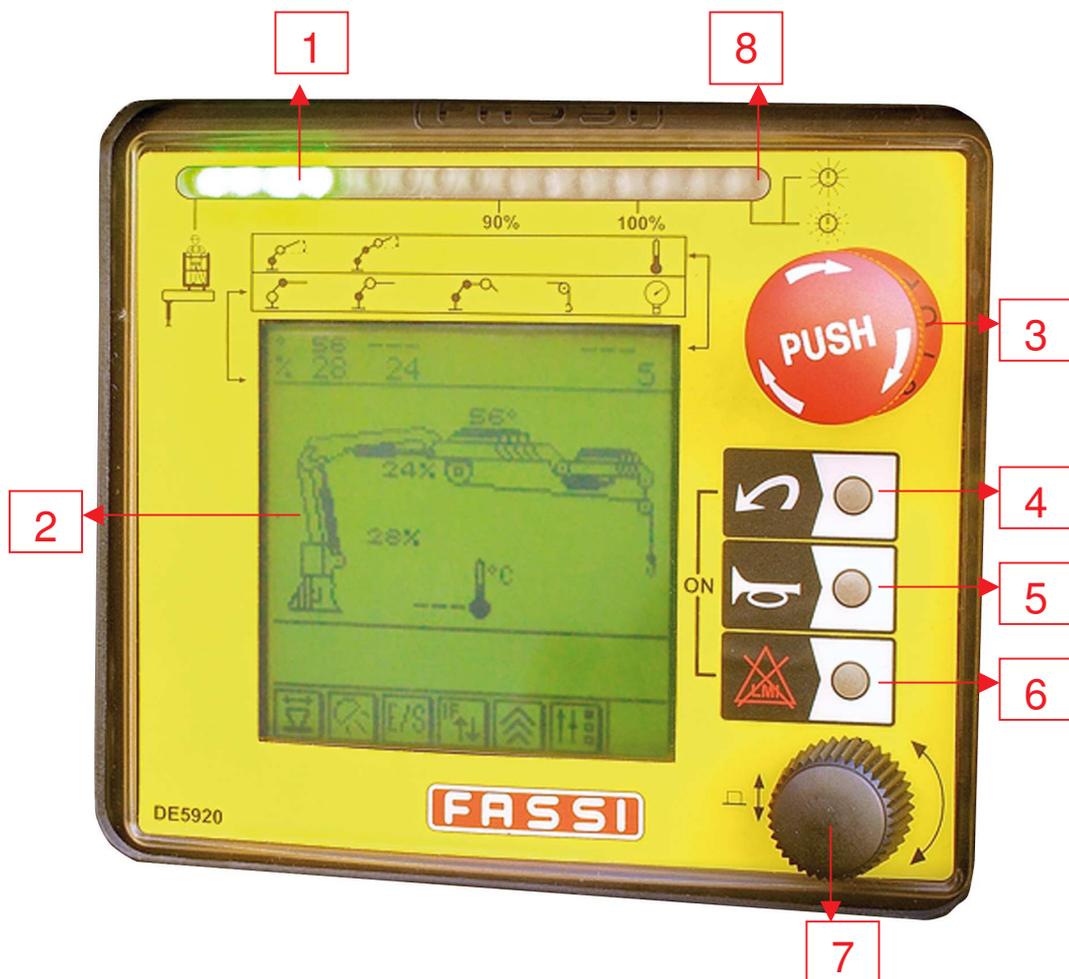


TechniComm News No. 9 – SEPTEMBER 2006

## “GV” – GRAPHIC VISUALIZER (USER PANEL WITH GRAPHIC DISPLAY)

The **GV graphic visualizer** is an innovative user panel that conveys all information concerning the crane operating status in clear way to the graphic display. This is the perfect interface between the operator and the crane as its large screen displays everything necessary to monitor the functions of the crane and the innovative **RX rotary switch** (similar to the control device used in car navigation systems) simplifies the process of navigating the menus for component functional tests and for selection and activation of the devices on-board.

### Functional features



The panel includes a LED band indicator showing the percentage of load, the graphic display, the "RX" rotary switch to scroll through and select menu icons, the INDEX button, the button activating the acoustic signal, the button to activate the temporized lifting moment limiting device exclusion (or alarm reset) and the emergency push-button.

The above photo illustrates the described features:

1. Three colour LED band indicator (green, yellow and red sectors) showing the load percentage. The green segment indicates loads from 0 to 90%, the yellow segment indicates loads from 90 to 100% and the red segment indicates loads equal to or greater than 100% (lifting moment limiting device activation).
2. Graphic display showing the induced pressure level into the lifting rams, percentage of the winch capacity usage, distributor bank pressure, operating angle of the booms (all those data are also displayed in graphic form), oil temperature in the oil cooler, active alarms and icons for menu selection or devices activation.
3. Emergency push-button.
4. INDEX button used in programming mode or menu selections.
5. Button for the activation of the acoustic signal.
6. Button for the activation of the lifting moment limiting device exclusion procedure or alarm reset.
7. "RX" rotary switch. By means of this switch can be scrolled through and selected programme menu icons. Turn counterclockwise to scroll through icons from left to right and turn clockwise to scroll through icons from right to left. Press the switch to confirm selected icon.
8. Red LED flashing when indicates "warning" status and fixed when indicates "alarm" status.

Note: press simultaneously buttons 4 and 6 to activate the user panel.

#### Advantages for the operator:

- **Comprehensive information regarding the crane operating status, provided in clearly legible form on the big graphic display.**
- **The panel has only a very small number of buttons as functions are selected via the intuitive icons selected using the "RX" rotary switch.**
- **Icons are specifically designed for immediate recognition and association with their respective functions.**
- **Flag indicators displayed on screen whenever a device is activated (e.g. XP, general speed reduction with relative percentage value, etc.).**