

Power Bar

The Power Bar is a modular protective frame equipped with new features that enhance control and feedback options for the operator. Each feature can be selected individually or combined with others based on specific needs. The Power Bar frame is designed to optimize interaction with the machine, thereby improving on-site operations and increasing safety working conditions. It is ideal for aerial platforms, cranes, drilling rigs, and a wide variety of applications involving mobile machinery.



“Operator Presence” sensor for detecting the presence of the operator’s hands



“Feedback Vibration” for alert warning or specific event notification



Adaptable to different display formats



Front buttons allow comfortable display interaction



“Night mode” function to facilitate work with low visibility conditions



 **JQ Dimensions**
W 329 mm (10.20 in) H 179 mm (6.90 in) D 207 mm (6.30 in)

 **Available models**
JQ, JE

autec® studio

AUTEC Studio is a proprietary programming tool designed to customize the graphical user interface (HMI) of the display. It is used by AUTEC technical department but can it also be licensed to the customer for autonomous operations. The interface is intuitive and fluid and is designed to minimize intervention’s time with excellent results.

Power Bar

The first modular bar with customizable HMI



Discover more

Functions



“Operator Presence” sensor

The “Operator presence” sensor on both sides of the frame detects the presence of the operator’s hands, replacing external activation actuators or additional buttons on the radio remote control. This provides an incentive for the operator to place his or her hands on the frame, improving operational safety. Sensor programming allows independent association between the left and right sides of the frame, offering further customization possibilities on command control and activation.



“Vibration Alert”

The “Vibration Alert” option is intended to alert the operator to danger by improving safety in noisy environments. Vibration is also fully customizable in terms of both frequency and intensity.



Enhanced display

The Power Bar Frame allows the housing of displays with multiple formats, going from 4.3”, 5” and 6.8” inches, improving visibility and feedback while interacting with the device and controlling the machine.



Front Buttons

The design also involved the interaction experience with the display. In fact, with the Power Bar, the selection and navigation buttons have been moved from the top of the frame to the side of the displays, with a total of 4+4 buttons, making them more accessible and convenient for the operator.



“Night Mode”

The “Night Mode” option introduces two lighting options on the radio remote control. The panel can be illuminated to facilitate night work by providing visibility of all actuators. In addition, a front light can also be added to illuminate the work area, which is particularly useful in low visibility conditions.

Displays

	4.3” Display	5” Display	6.8” Display
Resolution	480x270 px	800x480 px	1280x480 px
Programming tool	Autec Studio	Codesys/JMobile	Codesys/JMobile
Number of colors	65 k	65 k	16.7 m
Memory	700 kb + 8 Mb	4 Gb	8 Gb
Battery	LPM02	LPM05	LPM05
Autonomy	9 h	10 h	8 h

Cert. UNI EN ISO 9001:2015 No. 50 100 2877 Design, manufacture and service of remote control systems for safety industrial application.

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