

RANGE LIMITING DEVICE



RANGE
LIMITING
DEVICE
Serie 6000



The strength of a NETWORK!



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Made in
Quebec 



MEETS THE STANDARDS
CSST & **Q** Hydro Québec

WHAT IS IT?

The range limiting device is a safety device and assistance for equipment operators. It is a monitoring device which supplies the operator precise indication on the positioning of the machine in respect to environmental obstacles which will protect the operator. Thanks to its simplified programming, it fulfills the mission in guiding the operator by interactive messages. The operator therefore optimizes his work while remaining at the proper distances of the surrounding obstacles (electrical wires, walls, ceilings, etc.).

WHY INSTALL A RANGE LIMITING DEVICE?

- Eliminates risks of contacts with environmental obstacles
- Facilitates a surveillance of the working environment
- Eliminates human error, responsible for many serious accidents and fatalities.
- Meets the requirements of article 5.2.2 of the security code for construction work
- Eliminates costly fines from the C.S.S.T

SYSTEM DESCRIPTION

The range limiting device MEGA 6000 is designed to program a height limit and a rotation limit (left, right). It is also possible to program multiple limits (optional) and to indicate the depth of the bucket (optional). The 6000 series allows you to check several angles on the excavator (multi-angle application) and/or indicate the depth of the bucket (depth application).



STANDARD EXCAVATOR

The MEGA 6000 system warns and blocks the hydraulic controls of the excavator. It is directly connected to the hydraulic or electrical braking module.



DOUBLE BOOM EXCAVATOR

The MEGA 6000 system warns and blocks the 2nd boom of your excavator with an extra angle sensor (multi-angle application).



MINI EXCAVATOR (BOOM FIXE & SWING BOOM)

The MEGA 6000 system warns and blocks the commands like a standard excavator. It also blocks the swing boom of your mini excavator when the system is in function.



BACKHOE

The MEGA 6000 system warns and blocks the commands like a standard excavator. In addition, it blocks the stick extension.

CHARACTERISTICS

- Color LCD 2.2 inch screen.
- English and French display
- 4 types of programming limits *
(Height only, rotation only, variable height and rotation, free zone and height)
- Rotation direction display
- Error code display
- Downloading new programs by USB key
- Protection against electromagnetic disturbance, disturbances and power surges.
- A supply of between 10V-33 V
- Remote control with alarm + (1) approach light warning + (1) limit reached light warning.
- Internal memories of commands (additional protection in the event of)
- Audio and visual alarms
- adjustable warning zone

RANGE LIMITING DEVICE

MEGA Serie 6000

** Easy to program;
Find out by yourself!*



COMPONENTS



ANGLE SENSOR



Allows limiting your work area in height.

REMOTE CONTROL



Allows programming the limits of the height, depth and rotation. The operator will find the information on the systems data.

RELAY BOX



Allows you to activate for electric or hydraulic braking and warning by sound and light.

PROXIMITY SENSOR



Allows the operator to limit the rotation zone in the work area with a no contact reading.

*Depth indicator and
Multi-angle available!*



ANGLE SENSOR DEPTH

Allows limiting your work in height, depth and/or horizontal variation of the stick.