

# REACH MOWERS CONTROL SYSTEM

MULTI-FUNCTION  
PROPORTIONAL  
CONTROL  
VALVE SYSTEM



SINGLE AXIS  
INCLINOMETER



MACHINE MANAGEMENT  
ELECTRONIC  
CONTROL UNIT



WIRING  
HARNESS



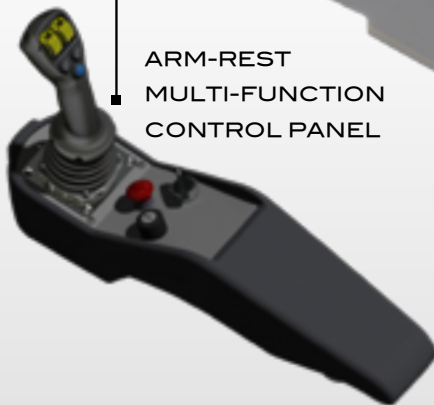
GRAPHIC  
DISPLAY UNIT



MULTI-FUNCTION  
CONTROL  
JOYSTICK



ARM-REST  
MULTI-FUNCTION  
CONTROL PANEL



AMON  
ELECTRO-HYDRAULIC CONTROLS

*The Customizing Attitude*

# REACH MOWERS CONTROL SYSTEM

## OPERATIONS

The joystick allows easy control of all the movements of the brushcutter: first boom, second boom, boom rotation, mower inclination, extension. A push-button for the float function of the mower is also available.

The display hosts the push-buttons, each one with associated LED, that are used to activate the mowing functions in the two rotation's directions. Proportional control allows a smooth movements for each mower functions. By means of the display it is possible to activate the special AGT function (Automatic Ground Tracking). The machine adapts to the ground keeping the contact pressure to the terrain constant. By operating on the first and the second boom, the machine controls the position of the mower respect to the ground, be it a plain or a slope, without requiring corrections by the operator. The joystick, the Display and the Electronic Control Unit are connected via CAN BUS, and this results in a simple wiring.

## DIAGNOSTICS

System's information is available on the graphic display: hours counter (partial and total), hydraulic oil temperature, state of the functions, various alarms and diagnostics:

- Sensors malfunction.
- Solenoid valves connectors disconnected or in short circuit.

## TECHNICAL SPECIFICATIONS

- **Power Supply:** 12-24Vdc
- **Current consumption:** max. 10 A @ 12Vdc
- **Maximum flow:** 90 l/min
- **Maximum operating pressure:** 320 bar
- **Float function:** integrated

