



PRESS RELEASE

Professional hedge and grass cutters

PRO-LONGER GII e-TPA

Smart design for comfort and ergonomics

The PRO-LONGER GII range of professional hedge and grass cutters features 11 models with a rotor circuit power rating of 80 hp.

Available in several different kinematics, such as a straight, OPTIview semi-leading, MAXIview leading or telescopic arm, the PRO-LONGER GII range is available with horizontal arm spans from 5.10 m to 7.40 m to meet all the requirements of landscape and roadside maintenance professionals.

Renowned in the industry, PRO-LONGER GII models are fitted as standard with the STABI-LINK quick-fit and quick-release chassis, the patented MECADRIVE rotor transmission using sprockets instead of traditional belts, the patented FAST-FIT quick-fit and quick-release flails rotor, etc.

In 2023, the PRO-LONGER GII range will be equipped with a new control system, the e-ASSIST function and the Motion-HEAD 90 option for even greater driving comfort.

ERGONOMICS': new joystick control

The operator uses the joystick to control all the arm movements of his hedge and grass cutter, which can reach considerable spans over many hours of daily work. All the machine's arm movements are a natural extension of the operator's intentions and the actions he performs on the joystick.

- The new ERGONOMICS' joystick features a patented geometry adapted to the shape of the hand. The joystick's adjustable base means it can adapt to different operator hand shapes.
- The ERGONOMICS' joystick features 4 electric proportional arm functions as standard: pivot, main and outer booms and flail head orientation. The proportional effect works in



both directions, up and down, with precise movements. The speed of the arm's movements can be adjusted to suit the task at hand, for example during trimming operations using the saw.

- The layout of the buttons on the ERGONOMICS' joystick allows the operator to perform 4 functions simultaneously. It's the ultimate driving experience!
- The range of movements on the ERGONOMICS' joystick have been designed to ensure operator comfort over long hours of continuous work by reducing strain on the forearm.
- The compact design of the new ERGONOMICS' joystick and the fact that it can be removed from the control panel mean that it can be fitted in any cab space.

e-ASSIST: driving assistance for the PRO-LONGER GII

- The e-ASSIST technology uses the hydraulic cylinders on the arms of KUHN hedge and grass cutters to feed information to the electronic control system to make use of the many automated functions.
- These automated functions ensure that the cutting head remains set at the same angle throughout the cutting operation, even as the hydraulic arm is extended or retracted. A single movement on the ERGONOMICS' joystick activates two arm movements for precision and easy handling!
- When trimming hedges vertically or horizontally, the parallel movements of the cutting head guarantee quality results and unbeatable speed.

Motion-HEAD 90: unequalled working angles on the PRO-LONGER GII

- As standard, all the cutting heads in the LONGER range rotate at 240° in a continuous line around the main/outer boom.
- As an option, the new Motion-HEAD 90 system completes this rotation along a plane perpendicular to the main/outer boom axis.
- For brushcutting or trimming in narrow paths, the Motion-HEAD 90 system lets the operator work at 90° in relation to the direction of travel without having the arm of the hedge and grass cutter retract into the hedge.
Operators will no longer need repeated forward and reverse manoeuvres and crab steering to ensure neat and tidy trimming of hedges with narrow access!

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