

Hedge and Grass Cutters 34 HP



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## AGRI-LONGER



be strong, be **KUHN**



AGRI-LONGER 4234 M 4734 M

# MATCHING UP TO YOUR EXPECTATIONS FOR YEARS TO COME!

The future of farming also involves maintaining the landscape. This is why KUHN has developed a range of Hedge & Grass Cutters for individual use or for small groups. In particular, the AGR-LONGER range of Hedge & Grass Cutters offer:

## A ROBUST STRUCTURE

The quality of the machine's materials and design guarantee long life, even in intensive use. Designed and assembled at KUHN who are renowned for their Technology and Engineering skill.

## A COMPACT, GO-ANYWHERE MACHINE

Its movement is specially designed for safe access to a wide variety of jobs: ditch bottoms, narrow paths, overcoming obstacles, etc.

The AGR-LONGER range combines common sense and simplicity.

## COMPREHENSIVE STANDARD EQUIPMENT

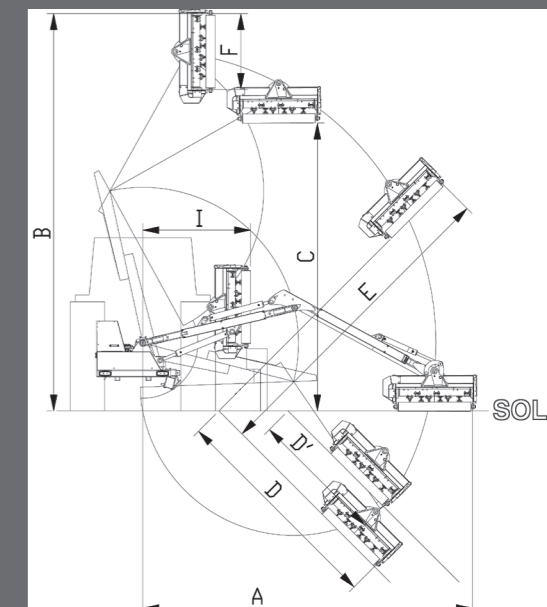
With a whole host of attractive advantages, the AGR-LONGER range really stands out from the field. The numerous features fitted as standard offer you the best compromise between efficiency and safety.

## HIGH OUTPUT

KUHN Hedge & Grass Cutters are particularly powerful, ingenious machines that combine driving pleasure and performance. With their flawless components, they guarantee a high work rate even on the toughest jobs.

## AGRI-LONGER in brief:

	4234 M	4734 M
Horizontal reach (A)	4,20 m	4,70 m
Vertical reach (B)	5,20 m	5,70 m
Maximum hedge height (C)	3,60 m	4,10 m
Reach to 45° ditch (D)	2,60 m	3,10 m
Reach to 45° ditch with road safety barrier (D')	1,40 m	1,90 m
Reach to bank (E)	4,10 m	4,60 m
Minimum lateral reach (I)	1,30 m	1,30 m
Type of safety	Mechanical	Mechanical
Work behind tractor wheel	As standard	As standard
Rotor circuit power	25 kW (34 HP)	25 kW (34 HP)
Flail head rotation	220°	220°
Machine weight	814 kg	831 kg





# A TRULY DIFFERENT MACHINE



## Mechanical safety

Available with a horizontal reach of 4.20 m and 4.70 m, these KUHN Hedge & Grass Cutters are mounted on a mechanical safety system.

The arm is a robust assembly with a 100 x 100 x 8 mm box section on the main and outer booms.

### STANDARD RADIATOR

You will be able to enjoy the full power of your machine thanks to the radiator fitted as standard. Sustained work can therefore be kept up all day long without component damage.



### GREASED-FOR-LIFE, CELL-TYPE BUSHES

For longer life, all machine joints, including the ram joints, are protected against wear by greased-for-life, cell-type bushes. Rotational shaft movement is prevented to avoid premature wear.



## FLAIL HEAD OFFERING PROFESSIONAL PERFORMANCE



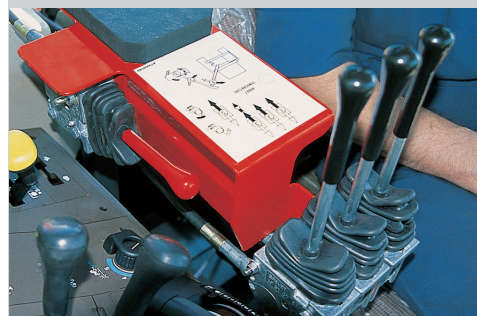
Comprising a robust, reinforced casing (1), a replaceable wearing plate, a 10 mm thick rotor, wire protection baffles (2), interchangeable wearing shoes and a grass hood, the flail head offers all the pleasure of a professional range.

The rotor is symmetrical for easier maintenance. In addition to quick and easy removal, this concept has the advantage of being reversible. Wear on the Y-flails is therefore optimised quite effortlessly.

An adjustable 133 mm or 140 mm diameter sensor roller (3) guides and increases the rigidity of the head assembly.

For increased cutting capacity in the steepest situations, the flail head joint is positioned at the rear (4).

## REMOTE CABLES:



### SIMPLICITY AND RELIABILITY

Arm, head and rotor movements are controlled by four remote cables. The compact console and flexibility of the controls guarantee true enjoyment for the operator.

To extend your machine's working life, the direction of rotation is controlled by the rotor control equipped with a safety feature to prevent accidental reversing. The floating head control is incorporated into the flail head control.

The control console is extended by a padded armrest for maximum comfort.

## ELECTRIC CONTROLS:

### ERGONOMIC, USER-FRIENDLY OPERATION

The joystick controls all of the main machine functions (main and outer booms, flail direction and float position) electrically and simultaneously.

The unit has an electric power switch, an emergency stop, hydropneumatic suspension control and an hour counter. The rotor is still activated by remote cable control. To extend your machine's working life, the double direction of rotation function is equipped with a safety feature to prevent accidental reversing.

By design, the electric control unit is easy to fit in the cab.





# “GO ANYWHERE” MOVEMENT



To tackle a wide variety of jobs in total safety

The Hedge & Grass Cutters in the “Mechanical Safety” range combine a narrow frame that keeps the machine within the tractor width for on-road transport (1) and centred geometry for work in narrow lanes (2). Safe mowing behind the tractor wheel is possible.



### OVERCOME OBSTACLES

Clear underarm geometry (outer boom ram positioned on top) to overcome obstacles without the risk of snagging.

### HORIZONTAL REACH

A reach from 4.20 m on the 4234 to 4.70 m on the 4734.

### 220° FLAIL HEAD ROTATION

220° flail head rotation for visibility. Work in narrower lanes, on top of bushes and in ditch bottoms can be carried out in total safety.

# COMPREHENSIVE STANDARD EQUIPMENT

It is the role of each component of the machine to help save time, improve user comfort and maximise safety in a whole variety of situations.

Everything you need - and more!

For all of these reasons, we have equipped the AGRI-LONGER range with:

- a fully enclosed beam housing with pivoting hood and a bumper with built-in lights,
- a radiator,
- a lift float,
- two directions of rotor rotation with a safety device to prevent accidental reversing,
- storage support for controls ...



TOTAL HOSE PROTECTION



LIFT FLOAT

FOUR ADJUSTABLE STANDS

MECHANICAL PENDULUM LINK SAFETY DEVICE



# THE ART OF LANDSCAPE MAINTENANCE!

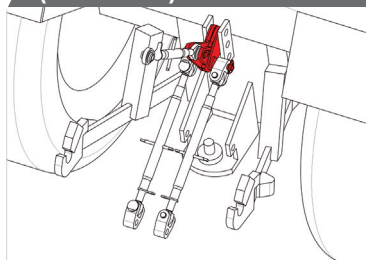
## Technical specifications

## Hedge & Grass Cutters

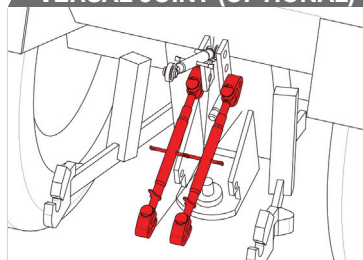
	4234 M	4734 M
<b>CONTROLS</b>		
Type of control	Remote cables or electric controls	
Floating head	◆	
Lift float	◆	
<b>540 RPM ROTOR CIRCUIT</b>		
Rotor circuit power	25 kW (34 HP)	
Hydraulic circuit	Open	
Pump type	Gears	
Two directions of rotation	Remote cable with "anti-reverse" safety	
<b>HYDRAULICS</b>		
Tractor-independent circuit	◆	
Tank capacity	45 l	
Cooling radiator	◆	
10 micron absolute filtration	Return	
<b>FLAIL HEAD</b>		
Motor type	Gears	
Rotor drive	Direct from engine	
Speed	3 200 min <sup>-1</sup>	
Working width / Flail head inside width	1.00 m / 1.10 m	
Sensor roller diameter	133 mm	
Cutting Height	30 - 80 mm	
Universal rotor	◆	
Grass hood	◆	
<b>HITCH (Three-point cat. 2 linkage)</b>		
Transport height w/ ground clearance (0.50 m)	3.40 m	3.60 m
Transport width	1.70 m	
Minimum tractor power	51 kW (70 HP)	
Recommended tractor weight	3 tonnes	

Standard and optional equipment may vary from one country to another ◆ As standard

### TOP LINK ADAPTATION (OPTIONAL)



### STABILISER KIT WITH UNIVERSAL JOINT (OPTIONAL)



### «PRO SERIES» SENSOR ROLLER (OPTIONAL)



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