

LOGSET 8H GTE Hybrid

A POWERFUL HARVESTER THAT RAISES PRODUCTIVITY TO A NEW LEVEL

The Logset 8H GTE Hybrid is a powerful medium-sized harvester that doesn't slow down under pressure. The machine's diesel engine runs at a constant pace, while the hybrid system provides up to 104 kW (142 hp) of additional power required in a typical felling and processing cycle. This allows the hybrid harvester to easily perform several tasks at the same time, while keeping the engine load constant.

The harvester's dimensions are the same as for the regular Logset 8H GTE. If you are looking for a compact and efficient harvester, look no further than the Logset 8H GTE Hybrid!

WHY HYBRID TECHNOLOGY?

POWERFUL

With the hybrid system as an integrated part of the machine's diesel engine, the Logset hybrid harvester offers a 45 % increase in power and 39 % in torque. The hybrid system allows us to increase the power of the entire machine without increasing the size of the diesel engine.

ECONOMICAL

All the peak loads on the harvester's working cycle are compensated by the electric motor. The electric motor gives a power boost to the harvester when the workload requires it. When the diesel engine runs at a constant pace the harvester is saving fuel. The fuel saving can be up to 25 %, which means lower running costs compared to traditional technology. The hybrid harvester maintains the regular working pace even with large trees, which increases its productivity.

ENVIRONMENTALLY FRIENDLY

For every wooden piece of furniture and every house being built, there is timber to be harvested. There is an urgent need to reduce the environmental footprint of harvesters. As the only manufacturer of hybrid harvesters, Logset is the forerunner in sustainable forestry, delivering a real sustainable way to produce timber without compromising productivity.

The hybrid technology of the Logset hybrid harvesters significantly reduces the fuel consumption and emissions per felled cubic meter, which benefits both the owner and the environment.

The Logset hybrid harvesters have amazing technology that responds to the needs of modern forestry.

LOGSET

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LOGSET GTE Harvesters



Harvester range 05/19 - EN
We reserve the right to make changes without prior notice.
All technical specifications are for guidance only.
The pictures and diagrams do not always show standard versions of the machines.
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Key features of the Logset hybrid harvester

HYBRID SYSTEM

The electric motor offers an astonishing power and torque boost to the **AGCO Power 74 LFTN engine**. A prompt reaction to the changing load improves the machine's performance. The hybrid system offers the instant power and fuel economy you've always dreamed of.

CABIN

The cabin has **excellent all-round visibility**. The upgraded work light guard protects the work lights and cabin roof even better. The new design decreases the transportation height and gives the cabin an eye-pleasing, round profile. The cabin's low noise level is a key factor for operator comfort.

CONTROL SYSTEM TOC-MD 2

Logset's own control system, the Total Operation and Control Measuring Device 2 (TOC-MD 2) for the harvester head maximizes the production and is easy to navigate and to use. The technology is thoroughly proven through the years. Features such as the adaptive feed optimization make the operator's work easier and the machine more productive.

CRANE

The strong Mesera 240H parallel crane has an optimal geometry. The unique stability of the machine allows you to utilize the crane power up to 11-meter reach area. The crane can be operated fast yet precise.



ENGINE

The powerful AGCO Power engine with SCR technology delivers high torque at low engine speed, offering the best fuel economy on the engine market.

TRANSMISSION

The transmission is controlled and optimized by the TOC 2 control system. The combination of reliable NAF bogies both at the front and back, and the powerful frame lock system which uses large hydraulic cylinders, ensure the perfect stability of the harvester. Hydraulically balanced front bogies or mechanically balanced bogies all around are available as optional equipment.

HYDRAULICS

The Logset 8H GTE Hybrid can offer up to 585 l/min at 1 500 rpm, which is the best flow for high productivity and better fuel economy. The right balance for the best output.

HARVESTER HEAD

You can select the head that best meets your needs. The most suitable sizes for the Logset 8H GTE Hybrid are the heads TH55, TH65 and TH75. By choosing a Logset TH harvester head, you increase your production, since the head functions seamlessly with the harvester.

Technical data



MODEL	8H GTE Hybrid
DIMENSIONS	
Own weight, kg from	23 000 (50 700 lbs)
HYBRID SYSTEM, ENGINE + ELECTRIC MOTOR	
Max. power at 1850 rpm, kW	311 (422 hp)
Max. torque at 1500 rpm, Nm	1 780 (1313 ft lb)
ENGINE	
Type	Agco Power 74 LFTN
Stage	Stage V
Power at 1850 rpm, kW	214 (291 hp)
Torque at 1500 rpm, Nm	1280 (944 ft lb)
Fuel tank, l	400 (106 US gal)
DEF, l	40 (11 US gal)
ELECTRIC MOTOR	
Max. power at 2000 rpm, kW	104 (142 hp)
Max. torque 0-2000 rpm, Nm	500 (367 ft lb)
TRANSMISSION	
Type	hydrostatic mechanical
Tractive effort, kN	190 (42 700 lbf)
Gear box	2 gears
HYDRAULIC SYSTEM	
Flow 1000 rpm, l/min	210 + 180 (55+47 US gal)
Hydraulic oil tank, l	240 (63 US gal)
CABIN	
Control system	TOC 2
Measuring device	TOC-MD 2
Battery voltage	24 V
Option	Safety tested and approved cabin • Rotating and levelling cabin
TYRES	
Front	600/55-26.5; 710/45-26.5
Rear	600/55-26.5; 710/45-26.5
CRANE	
Mesera crane options	Mesera 240 H
Reach options, m	10,3/11 (33.8/36 ft)
Lifting capacity, kNm	240 (177 015 ft lb)
HARVESTER HEADS	
Model options	TH55, TH65, TH75
OPTIONAL EQUIPMENTS	Contact your local dealer for more information about options

8H GTE Hybrid



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