Logset’s hybrid system takes your logging to a new level.

**THE MOST PRODUCTIVE HARVESTER IN THE WORLD WITH HYBRID TECHNOLOGY**

Logset 12H GTE Hybrid – the most productive harvester in the world is a real giant for profitable large-scale harvesting. This friendly giant has it all: revolutionary hybrid technology, double circuit hydraulics, strong crane, robust transmission and much more. Stability, reliability and comfort in one big package, to put it shortly.

**WHY HYBRID TECHNOLOGY?**

**POWER**

The electrical motor is fast and powerful. Within a microsecond, the hybrid system can deliver up to 510 hp and generate an enormous torque of 2 000 Nm. The hybrid system reacts instantaneously to the work load, providing an extra power boost for the crane. The heavy-duty horse power guarantees the machine will manage even the hardest tasks.

**ECONOMY**

The hybrid system has double benefits: increased performance and extremely low running costs. It would require a huge engine and barrels of fuel to generate the same massive power and torque. The hybrid system delivers it all in a flash. The fuel consumption is significantly lower compared to a traditional power train solution.

The hybrid system eliminates the power peaks normally required from the engine. The stable engine performance saves significant amounts of fuel, prolongs the lifespan of the engine and lowers maintenance costs.

**ECOLOGY**

The hybrid system uses electricity to generate power. Electrical energy is known to be green and environmentally friendly. The lower fuel consumption and stable engine performance also mean less exhaust gases to the environment. Logset hybrid harvester meets all modern environmental standards, without compromising profits or power.
Key features of the Logset 12H GTE Hybrid

**HYBRID SYSTEM**

- The electrical motor offers an astonishing power and torque boost to the AGCO Power 7.4 L engine. Prompt reactions to changing load conditions improve machine performance. The hybrid system ensures zero 130 hp and 2000 Nm at normal working revs. It offers the instant power and fuel economy you’ve always dreamed of.

- The cabin has excellent all-round visibility.

**CABIN**

- The Logset 12H GTE Hybrid’s cabin control system, the Total Operation and Control Measuring Device 2 (TOC-MD 2) for the harvester head maximizes the production and easy to install and use. The TOC-MD 2 is the second generation of the Logset’s TOC system, offering the operator a life easier and the machine more productive.

**FUEL AND HYDRAULIC TANKS**

- The bigger fuel tank means less down time for fuel filling and more productive time in the forest.

**TRANSMISSION**

- The transmission is controlled and optimized by the TOC 2 control system. The combination of reliable bogies, both in the front and back, and a powerful frame lock system which uses large hydraulic cylinders ensures the perfect stability of the harvester. Hydraulically balanced front bogies are available as optional equipment.

**HYDRAULICS**

- The Logset 12H GTE Hybrid has two 210 cc work pumps. The double circuit hydraulics guarantee sufficient hydraulic oil flow to operate the crane and Logset TH head even when the crane is used during feeding.

**CRANE**

- The heavy-duty Meteora 285H parallel crane features a crane boom geometry for clear felling and easy handling. The low column construction and low tractor maximum operating height guarantee good visibility from the cabin to the working area.

**LOGSET 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 easy to install and use. The TOC-MD 2 is the second generation of the Logset’s TOC system, offering the operator a life easier and the machine more productive.

**HARVESTER HEAD**

- The full range of harvester heads allows you to select a head that meets your needs. The most suitable sizes for the Logset 12H GTE Hybrid are the heads TH75 and TH85. The Logset TH harvester head is the key to higher production.

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