

ALSTOR 850

ENG



ALSTOR **8x8**

ALSTOR 850

The perfect forestry machine for the future.

We hereby present the new Alstor 850, a state-of-the-art forestry machine! This is a compact forestry machine that takes a big leap forward in technological development and optimization in its class, as a forwarder or as a harvester.

With the new Alstor 850, we introduce a new type of crane-hydraulics which enables speed and control at similar levels as of large forestry machines and a new hydrostatic transmission with cardan shafts which maximizes climbing performance and speed.

The development of this machine has focused on minimizing losses and simplifying the machine as far as possible.

Alstor 850 is built for users working 8 hours a day with their machine, whether it is a forest owner or a professional user.

The working environment inside the cabin has reached a new level with major reductions in noise and higher level of comfort. More space, larger storage compartments, greatly improved visibility, water based underfloor heating and an optional professional driver seat are some of the improvements you will benefit from.

Alstor 850 is standard-equipped with mini-joysticks and a new larger 7" display. With the combi-machine concept, you get the ideal forest-maintenance machine where you can swap between forwarder- and harvester-configuration in less than 20 minutes.

Max load: 3000 kg

Total Length: Standard 5.5 m, long version 5.9 m

Width: 1.58 m

Weight: 2650 kg

Engine: Kubota 3-cylinder diesel, 25 hp

Fuel Tank: 30 L

Electrical System: 12V, Alternator 60 A, 8st cab mounted LED-lights and crane lights.

Drive Train: Stepless hydrostatic transmission with engine overload protection. Permanent 8-wheel drive with transfer case, cardan and locking differentials front and rear. Bogie-housings made from high-strength steel with drive-chains in oil-bath.

Brakes: Hydrostatic 8-wheel brake and automatic hydraulic parking brake.

Wheels: 25×1.5-10, 8-layers (option 27")

Travel Speed: 0-16 km/h (forward) 0-10km/h (reverse)

Crane Options: Palms 5.0/5.4m with extension. Mowi parallel crane 5.2 m.

Lift fully extended: 400 kg (Palms) / 550 kg (Mowi).

Crane/Machine Control: Parker electro-proportional control with mini-joysticks in the arm rests. Power-steering (orbitrol), foldable steering wheel, rear driving position travel controls.

Harvester Head: Tapio 160. Felling Diameter 25-30 cm. Weight 215 kg. Length measurement (standard), Diameter Measurement (option).

Software developed with smart functions developed in house.

Combi-concept includes counter weights (1000 kg).

Working Hydraulics: Gear Pump 14cc (standard), Power limited variable crane pump (option).



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