

THE NEW GENERATION OF BIG SIZED HARVESTER WITH 8 WHEELS



A BIG HARVESTER WITH AN ENTIRE NEW DIMENSION FOR CLEAR CUT

Stable, reliable and with high capacity

The new harvester, ROTTNE H21^D, is built with 6 or 8 wheels and a diesel engine with the latest technology, that meet the emission regulation Tier 4 (FT4). The harvester has a new hydrostatic transmission with a very high tractive force.

H21^D is really adapted for big wood, with a new stronger loader that have higher lifting and slewing torque. The harvester head is also upgraded. To be able to use this to the full extent the hydraulic system is equipped with two pumps.

Forester is a new generation of bucking system with improved software according to the new standard StanForD 2010.

The cab is swivelling and levelling and with a new cab foundation giving softer turning movement and larger angle of rotation.



H21^D

PROTOTYPE



LOADER RK250

Lifting torque 280 kNm (206 500 lb ft)
 Slewing torque 62.4 kNm (46 000 lb ft)
 Tiling angle out 21°
 Tilting angle in 20°
 Reach 10 m (33 ft)

HYDRAULIC SYSTEM

Load sensing hydraulic system with separate pumps for loader, head and transmission

CAB

New upgraded levelling and swivelling cab. New swivel foundation with +/- 90° turning angle

ENGINE

John Deere 6090 HFC09,
 Power Tech PPS Tier4 (FT4)
 Output at 1700 rpm: 227 kW / 305 hp
 Torque at 1600 rpm: 1351 Nm (996 lb ft)

TRANSMISSION

New super strong transmission with 3 gear steps.
 Tractive force 230 kN (51 700 lbf)

WHEEL EQUIPMENT

8 WD 750/45 x 30,5
 6 WD 750/45 x 30,5 (front)
 710/70 x 34 (rear)

HEAD

New upgraded head EGS706
 New robust length measuring system.
 Diameter measuring in upper knives.

CONTROL SYSTEMS

Machine control system:
 ROTTNE D5 with 9" touch screen
 Bucking system:
 ROTTNE Forester with 15" touch screen