



TECHNICAL DATA

HARVESTER H21^D 6/8WD



ENGINE

JD 6090 HFC09, Power Tech PSS, Final Tier 4 /FT4)

Output at 1 700 rpm	227 kW (305 hp)
Torque at 1 500 rpm	1 351 Nm (996 lb ft)
Cylinder volume	9.0 litres (549 in ³)
Diesel tank	500 litres (132 US gal)
Additional diesel tank	225 litres (60 US gal)
AdBlue tank	20 litres (5 US gal)

TRANSMISSION

D5 controlled, hydrostatic/mechanical with full capacity control. 3 gear steps. Manual differential locks.

Tractive force	230 kN (51 700 lbs)
Speed, gear 1	0 - 4 km/h (0-2.5 mph)
Speed, gear 2	0 - 7.5 km/h (0-4.7 mph)
Speed, gear 3	0 - 22 km/h (0-13.7 mph)

BRAKES

2-circuit electrically/hydraulically operated negative wet disc brakes. Automatic load brake. Spring-assisted parking and emergency brake.

WHEEL EQUIPMENT

6 WD	750/45 x 30,5, / 700/70 x 34
8 WD	750/45 x 30,5

CHASSIS

Articulated frame	
Steering angle	+/- 43°
Max. steering torque	106 kNm (78 180 lb ft)
Horizontal angle	+/- 24°

HYDRAULIC SYSTEM

Load-sensing system with double pumps, entirely separated from the transmission.

Pump capacity, crane	298 litres (79 US gal)/1 700 rpm
Working pressure, crane	3.0 - 25.0 MPa (425 - 3 625 psi)
Pump capacity, head	357 litres (94 US gal) /1 700 rpm
Working pressure, head	3.0 - 30.0 MPa (425 - 4 350 psi)
Degree of filtration	10 micron
Tank volume	217 litres (57 US gal)

ELECTRICAL SYSTEM

24 volt electrical system with CAN-bus technology.

Battery	2 x 145 Ah
Alternator	150 A
Machine control system	ROTTNE D5
Bucking system	ROTTNE Forester,
Display	15" touch screen for both D5 and Forester
Working lights	22 pcs

CAB

Spacious, vibration-proof safety cab. ISO certified.

Noise level	63 dBA
Swivels	+/- 90°
Tilttable	15°, 14°, +/-11° (front, back, side)
Climate system	ACC

CRANE

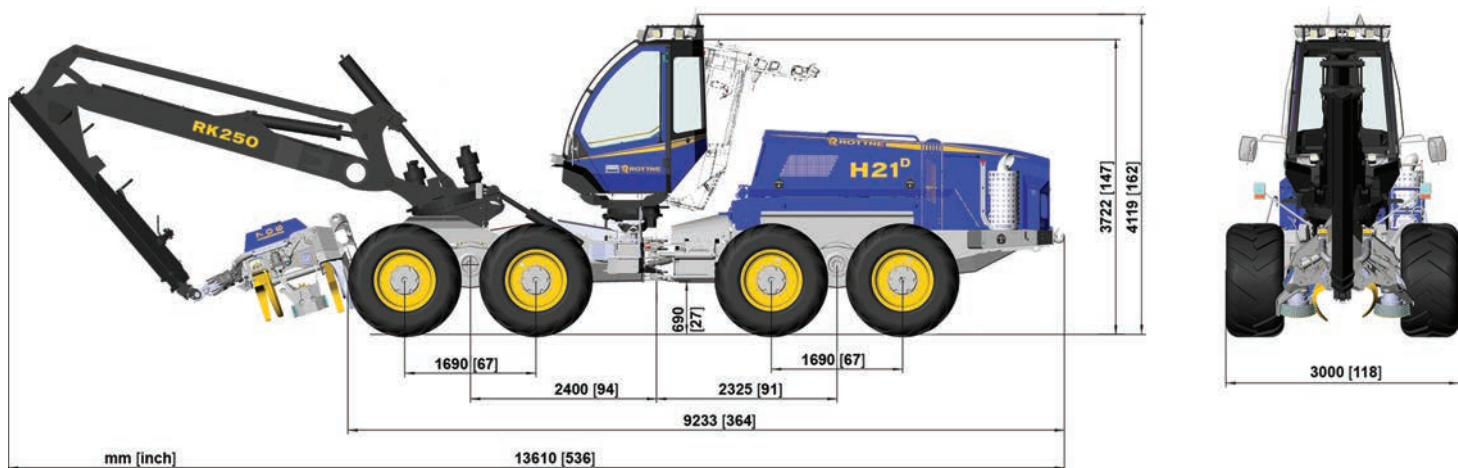
Parallel jib arm crane, RK250, with tilttable swing base and 2.2 m (7.2 ft) telescope.

Tiltangle forwards	21°
Tiltangle backwards	20°
Lifting torque	325 kNm (239 700 lb ft)
Torque	62.4 kNm (46 020 lb ft)
Angle of rotation	250°
Reach	11 meters (36 ft)

WEIGHT AND DIMENSIONS

Service weight 6 WD from	24 200 kg (51 600 lbs)
Service weight 8 WD from	26 700 kg (56 880 lbs)
Width	3 000 mm (118 in)
Length	9 233 mm (364 in)
Transportation height	3 722 mm (147 in)
Ground clearance	690 mm (27 in)

Specifications and equipment are subject to alteration.
Images do not always show the machine in its standard design.



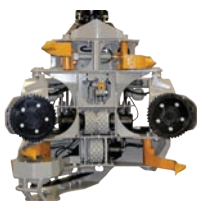
EQUIPMENT

Lighting Xenon or LED, Sprinkler, Engine/cab heater, Blinds, Mobile telephone, Vacuum pump, Colour marking, Reversing camera, GPS/GeoInfo, Filler pumps, Green oil, Computer caliper, Colour printer, Balanced bogie system, Orbitrol steering, Air compressor, Full toolkit, Central lubrication, Phone start for engine/cab heater, Prepared for broadband, Particle/moisture meter for hydraulic oil, Multi-tree equipment (Log Max 6000B), Battery connection "Power Anderson", Tyre pressure monitoring, Equipment for stump spray application, Tracks, Chains.

HARVESTER HEAD

	EGS706	SP761 LF	LOG MAX 7000C	LOG MAX 6000B
Feed rollers	ROTTNE, short spike 12,5 mm (0.5 in) or long spike 20 mm (0.8 in)	Finnskogsvalsar/Moipu	V-Steel	V-Steel
Feed rate, gear 1	3.5 m/s (11.5 ft/sec)	4 alt 5 m/s (13 alt 16.5 ft/sec)	5,3 m/s (17,4 ft/sec)	4,2 m/s (13,8 ft/sec)
Feed rate, gear 2	5.2 m/s (17 ft/sec)	-	-	-
Tractive force 1	37.1 kN (8 340 lbf)	30.9 alt 44.7 kN (6 950 alt 10 050 lbf)	41,7 kN (9 374 lbf)	26,6 kN (5 980 lbf)
Tractive force 2	24.8 kN (5 575 lbf)	-	-	-
Wheel opening	796 mm (31 in)	700 mm (28 in)	713 mm (28,5 in)	625 mm (24,5 in)
Opening upper knives	827 mm (32,5 in)	-	772 mm (30 in)	690 mm (27 in)
Limbing diameter	50 - 570 mm (2 - 23 in)	40 - 550 mm (1.6 - 22 in)	40 - 560 mm (1,6 - 22,4 in)	35 - 500 mm (1,5 - 20 in)
Guide bar	900 mm (35 in)	900 mm (35 in)	750/800/900 mm (30/32,5/35 in)	750/820 mm (30/32 in)
Cutting diameter	680 - 810 mm (27 - 32 in)	750 mm (30 in)	650/690/750 mm (26/27,5/30 in)	650/720 mm (26/28 in)
Chain speed	40 - 45 m/s (130 - 148 ft/sec)	40 m/s (130 ft/sec)	45 m/s (148 ft/sec)	45 m/s (148 ft/sec)
Tilt angle	145°	135°	128°	128°
Width wheels closed	1 554 mm (61 in)	1 400 mm (56 in)	1 315 mm (53 in)	1 236 mm (48 in)
Width wheels opened	1 780 mm (70 in)	1 920 mm (76.8 in)	1 937 mm (77,5 in)	1 689 mm (66 in)
Height	1 642 mm (65 in)	1 850 mm (74 in)	1 742 mm (69,5 in)	1 682 mm (66 in)
Weight	1 580 kg (3 480 lbs)	1 600 kg (3 527 lbs)	1 627 kg (3 587 lbs)	1 306 kg (2 880 lbs)

EGS706



SP761 LF



LOG MAX 7000C



LOG MAX 6000B



Contact your local dealer for more information. www.rottne.com

