



154 HVT

Tracked harvester



facebook.com/Neuson.Forest



neuson
FOREST

Main Data

Concept	Tracked Harvester with Leveling system	
Deadweight Without Head	15,84 t	34921 lbs
Dimensions of Transport Position Harvester Arm Folded (HxWxL) Forward Flipped Light Cage [Fixed Light Cage]	3191 [3384]x 2500 x 7555mm	126 [133] x 98 x 297 "
Swing Torque	35,4 kNm	26110 lbs.ft
Tractive Effort	155 kN	34845 lbf

Chassis And Slewing Gear

Speed	2,6 km/h and 4,4 km/h	1.6 mph and 2.7 mph
Swing Drive max.	7 rpm	
Upper Strukturen Tuning Range	360° Continous Rotation	
Climbing Ability	30° (60 %)	
Standard Tracks	Steel, Single Grouser, width 500 mm	19.7 "
Track Length	3700 mm	146 "
Ground Clearance	570 mm	22 "
Upper Structure Leveling	25° forward, +/- 15° side	

Engine Data

Engine	John Deere 4045CI550	
Type	4-Zylinder Turbo 4,5 Liter EU StageV, EPA EPA Tier 4 final	
Cooling	Engine Coolant, Intercooler	
Fan	Hydraulically Driven, Automatic Variable Speed, Reversible Axko-Pump (50 l/min)	13 gal/min * 11 gal/min **
Power	129 kW	175 HP
Fuel Capacity	265 l	70 gal * 58 gal **
Alternator	24V / 100 A	
Battery	24V / 2 x 135 Ah	

Boom & Harvester Heads

Standard Boom System [option]	Parallel Crane 1395H [13105H]	
Reach [option]	10,0 m [11,0 m]	32.8 ' [36.1 ']
AFM: AFM 45 Kesla: 21RH-III, 24RH-III Logmax: 4000T, 5000V Ponsse: H5 Waratah: H423		

Hydraulic System

Main Pump LS/P	358 l/min	95 gal/min * 80 gal/min **
Head Pump DR/Q	297 l/min	80 gal/min * 65 gal/min **
Operating Pressure max.	320 bar	32 MPa (4641 psi)
Hydraulic Reservoir	195 l	52 gal* 43 gal**
Hydraulic Filter	2 x Return Filter 20 µm,	
Hydraulic Filter	1 x Drain Filter 20 µm	
Hydraulic Filter	1 x High-Pressure Filter 10 µm	
Hydraulic Filter option	1 x Microfilter 1 µm	

Sub Subject to technical modifications and misprints

* Unit from USA; ** Unit from UK