

HARVESTER

1270E



The most wanted all-around harvester

John Deere's E-Series Wheeled Harvesters feature a completely new cabin and TimberMatic™ automation system. The cabin's increased rotating and side tilt angles give the operator greater visibility to the machine's surroundings for safer, more ergonomic log loading. The TimberMatic H-09 includes fully integrated machine diagnostics and bucking instructions for easy machine operation and setting of the operator-specific parameters.

The 1270E also enhances productivity by its new CH7 parallel boom which combines higher lifting and slewing torques and excellent durability with great agility for both late thinnings as well as final felling operations. The 1270E's superior maneuverability is further enhanced by increased ground clearance and higher tractive force.

The 1270E is powered by a 9.0-liter John Deere PowerTech Plus™ engine which is characterized by high torque at low rpm for excellent fuel efficiency and power for processing large and heavy trees. The exclusive TimberLink™ software enables easy machine performance follow-up and optimization.

All E-Series Harvesters are equipped with completely new, stronger frames than the corresponding D-Series machines. Uptime is enhanced by reduced need for daily and other checks and service actions. The new hydraulic fan reverses automatically, cleaning dust and debris out of the engine cooler. The engine air filter includes pre-filtering which multiplies the filter lifetime.

The revolutionary E-Series. Logging will never be the same again.

Measurements*	
Length [A]	298 in./7550 mm
Front axle — middle joint [B]	85 in./2150 mm
Rear axle — middle joint [C]	75 in./1900 mm
Wheelbase [B+C]	160 in./4050 mm
Tires, front	26.5 - 20
Tires, rear	34 - 14
Width — 650 Series tires [D]	108 in./2750 mm
Width — 710 Series tires [D]	117 in./2960 mm
Outer turning radius — 710 tires	259 in./6570 mm
Inner turning radius — 710 tires	138 in./3490 mm
Transport height	151 in./3830 mm
Ground clearance [E]	25 in./640 mm
Machine weight	
* With H480 harvester head	42,450 lb./19,250 kg

* Note: The measurements are nominal and may vary depending on the manufacturing tolerances.

Boom	
Gross lifting torque	145,300 lb./197 kNm
Slewing torque	36,880 lb. ft./50 kNm
Max. reach	28.2 ft./32.8 ft./38.4 ft. 8.6 m/10 m/11.7 m
Slewing angle	220°
Tilt angle backward/forward	15°/28°

Harvester Head Options	
	H754, H414, H752, H480, 758HD, H270

Diesel Engine	
	John Deere 6090HTJ Turbocharged, charge air cooled 6 cylinders, displacement 9.0 L
Max. engine power	228 hp (1,900 rpm)/170 kW
Torque	830 lb. ft. @ 1,200–1,400 rpm /1125 Nm
Fuel tank	115 gal./435 L

Working Hydraulics	
	Load-sensing
Pump size	11.6 in. ³ /190 cm ³
Working pressure	3,480/4,060 psi 24/28 MPa

Transmission	
	Hydrostatic-mechanical, 2-speed gear box
Axles/Bogies	Hydromechanical differential lock at the front and the rear
Front	Balanced portal bogie
Rear	Single rigid axle
Tractive force	39,240 lb. ft./175 kN
Steering angle	44°

Cab	
	Leveling and rotating (std), fixed cab (option)
Side tilt	0–17°
Front/back tilt	0–10°
Rotating angle	160°

Measuring and Control	
	TimberMatic H-09

Optional Equipment	
	Check availability from your local dealer

