

1010E



John Deere 1010E forwarder: Totally new for tough thinning operations

The new John Deere 1010E Forwarder totally exceeds the performance of its 1010D predecessor. Completing the John Deere mid-sized forwarder family with 11-metric-ton load capacity, 115,5 kW (156 SAE hp) of maximum power, the robust CF5 boom, new axles and tire sizes, as well as the standard E-Series improvements, the 1010E is your ideal choice for tough thinning operations. Revolutionary new features include a rotating and leveling cabin and TimberMatic™ automation for clear 360-degree visibility of your surroundings and to the boom for safer, more ergonomic log loading. Additional comfort improvements like automatic air conditioning, high-quality upholstery, and lowered noise and vibration levels ensure an unparalleled operating experience.

The 1010E moves effortlessly in all terrains and also effectively minimizes surface pressure and ground impact with its advanced transmission technology. Available in six- and eight-wheel versions, the new 1010E is ideally suited to all thinning operations and regeneration felling.

Smooth, accurate and automatic cabin leveling provides a totally new driving experience at even higher speeds to get the job done faster while minimizing operator fatigue. Six-wheel driving is now more continuous and much smoother, increasing the wear life of all other powertrain

components, thanks to the VarioSpeed™ step-less transmission, an exclusive option for E-Series Forwarders.

The 1010E is powered by a 4.5-liter John Deere PowerTech™ Plus engine with high torque at low rpm. Machine control and settings are easily adjusted through new TimberMatic F-09 automation – or when the machine is not PC-equipped through the CommandCenter™ control display. The unique John Deere TimberLink™ machine performance follow-up and optimization tool, now available for forwarders, enables you to

keep an eye on operating costs and track machine performance and efficiency.

All E-Series Forwarders are equipped with sturdier frames, and daily maintenance is reduced via the new hydraulic fan, which reverses automatically to clean dust and debris out of the engine cooler. The engine air filter enables pre-filtering, which increases the wear life of the filter. An optional central lubrication system further reduces the time needed for daily maintenance.

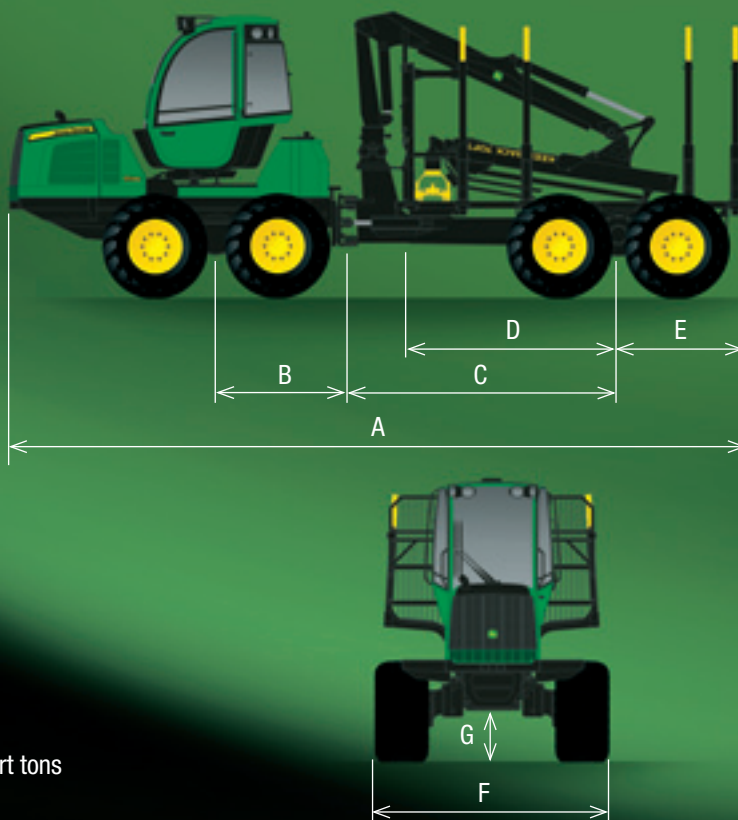
**THE REVOLUTIONARY E-SERIES.
LOGGING WILL NEVER BE THE SAME AGAIN.**

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1010E

MEASUREMENTS *

Length [A]	9290 mm / 366 in.
Wheelbase [B+C]	4800 mm / 189 in.
Bogie centre — Middle joint [B]	1600 mm / 63 in.
Middle joint — Bogie center [C]	3400 mm / 134 in.
Headboard — Bogie center [D]	2600 mm / 102 in.
Bogie center — Rear [E]	1900 mm / 75 in.
Width — 600 Series tires [F]	2700 mm / 106 in.
Width — 700 Series tires [F]	2820 mm / 111 in.
Turning angle	44°
Outer turning radius — 700 Series tires	8060 mm / 317 in.
Inner turning radius — 700 Series tires	4420 mm / 174 in.
Transport height	3600 mm / 142 in.
Load rating	11 tonnes / 12.1 short tons
Ground clearance [G]	600 mm / 24 in.
Tires front 6W / 8W	34 – 14 / 24,5 – 20
Tires rear	24,5 – 20
Machine weight 6W / 8W	14,700 kg / 16,500 kg 32,407.91 lb. / 36,376.23 lb.
Approach angle 6W / 8W	28° / 37°



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

BOOM

CF5	
Maximum reach	7.2 m / 8.5 m / 10 m 23.6 ft. / 27.9 ft. / 32.8. ft
Gross lifting torque	102 kNm / 75.235 lb. ft.
Gross slewing torque	24 kNm / 17.700 lb. ft.
Slewing angle	380°

LOAD SPACE OPTIONS

Short, Long, Extra short

DIESEL ENGINE

John Deere 4045, turbocharged, charge air cooled	
4 cylinders, displacement 4.5 l / 275 cu.in.	
Max. engine power	115.5 kW (1,900 rpm) / 155 SAE hp
Torque	645 Nm @ 1,400 rpm / 476 lb. ft.
Fuel tank	150 l / 40 gal. U.S.

WORKING HYDRAULICS

Load-sensing	
Pump size	100 cm ³ / 6.1 in ³
Working pressure	24 MPa / 3,480 psi

TRANSMISSION

Hydrostatic-mechanical, 2-speed gear box	
Axles / Bogies	Portal bogie axles with balancing system and diff lock
Tractive force	140 kN / 31,473.25 lbf.
Travel speed, gear 1	0–7,5 km/h 0–4.7 mph
Travel speed, gear 2	0–23 km/h 0–14.3 mph

CAB

Rotating or Rotating and leveling	
Rotating angle	290°
Sideways tilt	10°
Forward/backward tilt	6°

OPTIONAL EQUIPMENT

See your local dealer for availability

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