



JOHN DEERE

1270G / 1470G

IBC

MORE

- ▶ PRODUCTIVITY AND PRECISION WITH IBC
- ▶ OPERATOR COMFORT WITH GREAT VISIBILITY
- ▶ UPTIME AND EASIER DIAGNOSTICS



TimberMatic™ Maps

Perfect solutions for different harvesting applications and environments; from late thinning to regeneration harvesting, and even for demanding conditions from soft soils to steep slopes.

ROBUST AXLES AND BRAKES

- Hydraulic-mechanical differential lock; hydraulically actuated, oil-immersed, multi-disc service brakes; spring-actuated parking and emergency brakes; automated frame brake
- 1270G 6W and 1470G 6W:
Balanced heavy-duty bogie axle in front and rigid rear axle
- 1270G 8W:
Balanced heavy-duty bogie axles in front and rear

1270G 8W HARVESTER

1270G 8W harvester is a versatile harvester for different applications:

- Excellent stability on ordinary work sites as well as in uphill and downhill operations
- Low ground pressure for soft soil applications

ADVANCED DRIVE TRAIN WITH HIGH TRACTIVE FORCE

- Hydrostatic-mechanical transmission with 2-speed gearbox:
6W: Gear 1: 0–7.5 km/h / Gear 2: 0–22 km/h
8W: Gear 1: 0–7 km/h / Gear 2: 0–21 km/h
- Maintenance-free front and rear cardan shafts

IMPROVED CONTROL

- Configurable Timbermatic™ H-16 control system
- Robust CAN bus with fewer connectors and improved diagnostics
- Powerful PC with touchscreen
- High-capacity controllers for all functions, with fewer fuses and relays
- Processing Power Control (PPC) as standard: Three processing levels according to tree size for improved fuel efficiency
- Remote Display Access support and TimberMatic Analytics

PRODUCTIVITY AND COMFORT WITH ROTATING AND LEVELING CABIN

- Automatic boom follow-through
- Rotating angle: 160 deg.
- Sideways tilt: 17 deg.; forward and backward tilt: 9 deg.
- Better visibility to all directions
- Low noise level and less vibration
- Easy access to cabin
- Fixed-cabin option (6W)

HIGH PRODUCTIVITY WITH ACCURATE BOOMS

- Smooth and precise boom control
- Intelligent Boom Control (IBC) available as an option with the CH7 and CH9 booms

RELIABLE, HIGH-PERFORMANCE ENGINE

- EU Stage V / EPA Final Tier 4 engine is equipped with exhaust gas treatment systems (DOC and DPF) as well as EGR and SCR systems
- Environment-friendly, powerful and fuel-efficient

MORE UPTIME WITH SCHEDULED MAINTENANCE AND SERVICE AGREEMENTS

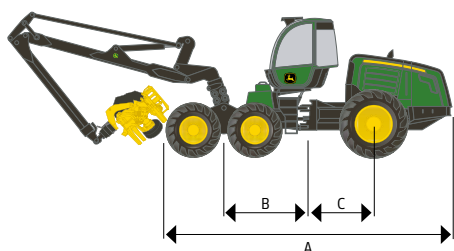
- Extended service intervals available with TimberCare™ service agreements
- Main service intervals at 1,500 and 3,000 hours, with intermediate service at 750 hours
- Easy access to service points speeds maintenance and keeps daily operating costs low

EFFICIENCY AND INTELLIGENCE WITH TIMBERMATIC™ MAPS AND TIMBERMANAGER™

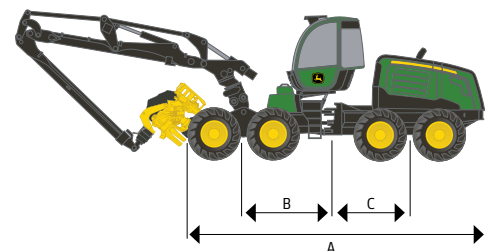
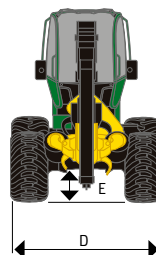
- TimberMatic™ Maps is an on-board real-time map-based solution which shows the volume and location of timber on the site and storages, site boundaries etc.
- TimberManager is an off-board solution enabling real-time follow-up of machines and operations with for example a smartphone or PC
- TimberMatic Maps and TimberManager™ come as standard with the new G-series harvesters and forwarders

	1270G 6W	1270G 8W	1470G 6W
ENGINE	Meets EPA Final Tier 4 (FT4)/EU Stage V, John Deere 6090, 6 cylinders, displacement 9.0 liters		
Power (Final Tier 4 /EU Stage V)	200 kW (268 hp) @ 1900 rpm	200 kW (268 hp) @ 1900 rpm	200 kW (268 hp) @ 1900 rpm
Torque (Final Tier 4 /EU Stage V)	1315 Nm @ 1200-1400 rpm	1315 Nm @ 1200-1400 rpm	1315 Nm @ 1200-1400 rpm
Fuel tank	450 L	390 L	450 L
DEF tank (usable volume)	17 L	17 L	17 L
TRACTIVE FORCE	180 kN	210 kN	200 kN
TIRES			
Front axle	26,5"	26,5"	26,5"
Rear axle	34"	26,5"	34"
STEERING	Proportional frame steering with electrical joystick		
Turning Angle	± 44°	± 44°	± 44°
HYDRAULICS	Load-sensing, power-adjustable, double-pump system		
Pump Capacities	190 cm ³ and 180 cm ³	190 cm ³ and 180 cm ³	210 cm ³ and 180 cm ³
Operating Pressure	24 / 26 / 28 Mpa	24 / 26 / 28 Mpa	24 / 26 / 28 Mpa
Hydraulic Tank	300 L	300 L	300 L
ELECTRIC SYSTEM			
Voltage	24 V	24 V	24 V
Batteries	2 x 154 Ah	2 x 154 Ah	2 x 154 Ah
Alternator	150 A	150 A	150 A
Lights	60 lux	60 lux	60 lux
BOOMS			
Boom	CH7, IBC option	CH7, IBC option	CH9, IBC option
Gross lifting torque	197 kNm	197 kNm	225 kNm
Slewing torque	50 kNm	50 kNm	59 kNm
Slewing angle	220°	220°	220°
Maximum reach (Includes the harvester head)	8.6 / 10 / 11.7 m	8.6 / 10 / 11.7 m	8.6 / 10 / 11 m
Tilt angle, forward / back	28 / 15°	28 / 15°	25 / 19°
HARVESTER HEAD	H413, H414, H480C, H270 Series II, H415, and H215E	H413, H414, H480C, H270 Series II, H415, and H215E	H270 Series II, H290, H480C, H415, H215E
MEASUREMENTS			
Length [A]	7700 mm	7930 mm	7950 mm
Front Axle – Middle Joint [B]	2150 mm	2150 mm	2250 mm
Rear Axle – Middle Joint [C]	2020 mm	2280 mm	2020 mm
Wheelbase [B+C]	4170 mm	4430 mm	4270 mm
Width – 600 Series Tires [D]	min 2750 mm	min 2750 mm	–
Width – 650 Series Tires [D]	–	–	min 2980 mm
Width – 710 Series Tires [D]	min 2960 mm	min 2960 mm	–
Width – 750 Series Tires [D]	–	–	min 2990 mm
Outer Turning Radius – 710 / 750 Tires	6740 mm	7100 mm	6930 mm
Inner Turning Radius – 710 / 750 Tires	3760 mm	3990 mm	3690 mm
Transport Height	3710 / 3730 mm	3770 mm	3760 mm
Transport Length	12270 mm	12560 mm	12280 mm
Ground Clearance, Middle Joint [E]	650 mm	710 mm	750 mm
Minimum Machine Weight [harvester head]	20650 kg (H413)	22900 kg (H413)	22900 kg (H415)

6W



8W



*Please note: Measurements are guidelines only and may vary depending on production tolerances.



1270G 6W

The agile and productive six-wheeled 1270G from late thinning to regeneration harvesting. Available with IBC.

1270G 8W

The stable and powerful eight-wheeled 1270G with great climbing ability and great performance also on soft soil. Available with IBC.

1470G 6W

The versatile and durable six-wheeled 1470G to regeneration harvesting. Available with IBC.

A photograph of a forest on a hillside. In the foreground, there are stacks of cut logs. The middle ground shows a dense forest of tall, thin evergreen trees. In the background, a grassy hill rises, and a large wind turbine is visible on the crest under a cloudy sky.

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