JOHN DEERE

1070G / 1170G

IBC

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

MORE

- PRODUCTIVITY AND PRECISION WITH IBC
- OPERATOR COMFORT WITH GREAT VISIBILITY AND LOW NOISE LEVEL
- UPTIME AND EASIER DIAGNOSTICS

ROBUST AXLES AND BRAKES

- Hydromechanical differential lock; hydraulically actuated, oil-immersed, multi-disc service brakes; spring-actuated parking and emergency brakes; automated frame brake
- 1070G 4W:
  Rigid front and rear axle
- 1070G 6W and 1170G 6W:
  Balanced bogie axle in front and rigid rear axle
- 1170G 8W:
  Balanced bogie axles in front and rear

NEW G-SERIES TIRE OPTIONS

1170G 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

1170G 6W with 26.5" front tires:

- Larger bogie, higher ground clearance and bigger drive pump (125 cm^3 vs 90 cm^3) provide improved maneuverability e.g. in deep snow or rocky working environment

TRANSMISSION WITH HIGH TRACTIVE FORCE

- Hydrostatic-mechanical, 2-speed gearbox:
  Gear 1: 0–7.5 km/h / Gear 2: 0–23 km/h
- Maintenance-free front and rear drive shafts
- New Adaptive Driveline Control (ADC) for better drivability and productivity

IMPROVED CONTROL

- Configurable Timbermatic™ H-16 control system
- Robust CAN bus with fewer connectors and improved diagnostics
- Powerful PC options with touchscreen
- High-capacity controllers for all functions, with fewer fuses and relays
- Remote Display Access, JDLink™, and TimberLink™ available

MORE OPERATOR COMFORT WITH ROTATING AND LEVELING CABIN

- Automatic boom follow-through
- Rotating angle: 160 deg.
- Sideways tilt: 17 deg.; forward and backward tilt: 10 deg.
- Better visibility to all directions
- Low noise level and less vibration
- Easy access to cabin
- Fixed-cabin option

MORE PRODUCTIVITY WITH ACCURATE BOOMS

- Smooth Boom Control (SBC) as standard
- Intelligent Boom Control (IBC) available as an option with the CH6 boom

RELIABLE, HIGH-PERFORMANCE ENGINE

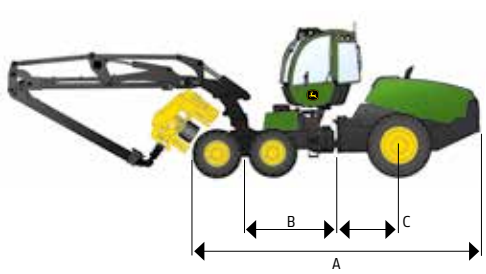
- Meets Stage IV / Final Tier 4 emission regulations with SCR (Selective Catalytic Reduction) system, utilizing Diesel Exhaust Fluid (DEF, urea or AdBlue)
- Environment-friendly, powerful and fuel-efficient
- 1070G and 1170G: Significant decrease of 2–5% in total fluid consumption compared to IT4 (fuel + DEF)
- 1170G: 7% higher power and 4.6% higher torque compared to IT4

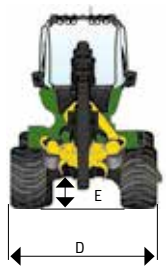
MORE UPTIME WITH SCHEDULED MAINTENANCE AND SERVICE AGREEMENTS

- Extended service intervals available with TimberCare™ service agreements
- Main service intervals at 1,500 and 3,000 hours, with intermediate service at 750 hours
- New rear frame design: engine, hydraulic pump, cooler and tank package turned 180 degrees on the rear frame: Easy access to service points speeds maintenance and keeps daily operating costs low

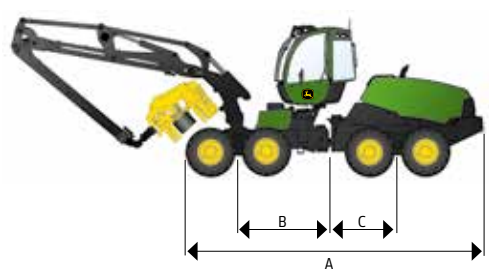
	1070G 4W / 6W	1170G 6W	1170G 8W
ENGINE	Meets Stage IV / Final Tier 4, John Deere 6068, 6 cylinders, displacement 6.8 liters		
Power	135,5	155	155
Torque	850 kNm	978 kNm	978 kNm
Fuel tank	300 L	300 L	300 L
DEF tank (usable volume)	13 L	13 L	13 L
TRACTIVE FORCE	130 kNm	150 kNm	160 kNm
TIRES			
Front axle	34" or 26,5"/ 22,5"	24,5" or 26,5"	24,5"
Rear axle	34" / 26,5"	34"	24,5"
STEERING	Proportional frame steering with electrical joystick		
Turning Angle	44°	44°	44°
HYDRAULICS	Load-sensing	Load-sensing	Load-sensing
Pump Capacities	160 cm^3	190 cm^3	190 cm^3
Operating Pressure	24 / 28 Mpa	24 / 28 Mpa	24 / 28 Mpa
Hydraulic Tank	160 L	160 L	160 L
ELECTRIC SYSTEM			
Voltage	24 V	24 V	24 V
Batteries	2 x 145 Ah	2 x 145 Ah	2 x 145 Ah
Alternator	150 A	150 A	150 A
Lights	60 lux	60 lux	60 lux
BOOMS			
Boom	180S	CH6	CH6
Gross lifting torque	143 kNm	165 kNm	165 kNm
Slewing torque	38 kNm	45 kNm	45 kNm
Slewing angle	220°	220°	220°
Maximum reach	8,6 / 10 / 10,8 m	10 / 11,3 m	10 / 11,3 m
Tilt angle, forward / back	28 / 14°	28 / 14°	28 / 14°
HARVESTER HEAD	H412, H413 or H414	H412, H413 or H414	H412, H413 or H414
MEASUREMENTS			
Length [A]	6500 / 6990 mm	7240 mm	7450 mm
Front Axle — Middle Joint [B]	1850 mm	2020 mm	2020 mm
Rear Axle — Middle Joint [C]	1850 mm	1850 mm	1950 mm
Wheelbase [B+C]	3700 mm	3870 mm	3970 mm
Width — 600 Series Tires [D]	min 2600 / 2663 mm	min 2650 mm	- mm
Width — 650 Series Tires [D]	min 2710 mm	min 2720 mm	min 2720 mm
Width — 710 Series Tires [D]	min 2790 / 2823 mm	min 2840 mm	min 2840 mm
Outer Turning Radius — 710 Tires	5815 / 6017 mm	6338 mm	6496 mm
Inner Turning Radius — 710 Tires	3080 / 3247 mm	3285 mm	3467 mm
Transport Height	3602–3709 mm	3733 mm	3718 mm
Transport Lenght	11443 mm	11868 mm	12174 mm
Ground Clearance, Middle Joint [E]	535 / 555 mm	600 mm	580 mm
Minimium Machine Weight [with harvester head model]	15200 / 16000 kg (H412)	17800 kg (H413)	19500 kg (H413)

1170G 6W





1170G 8W



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

1070G

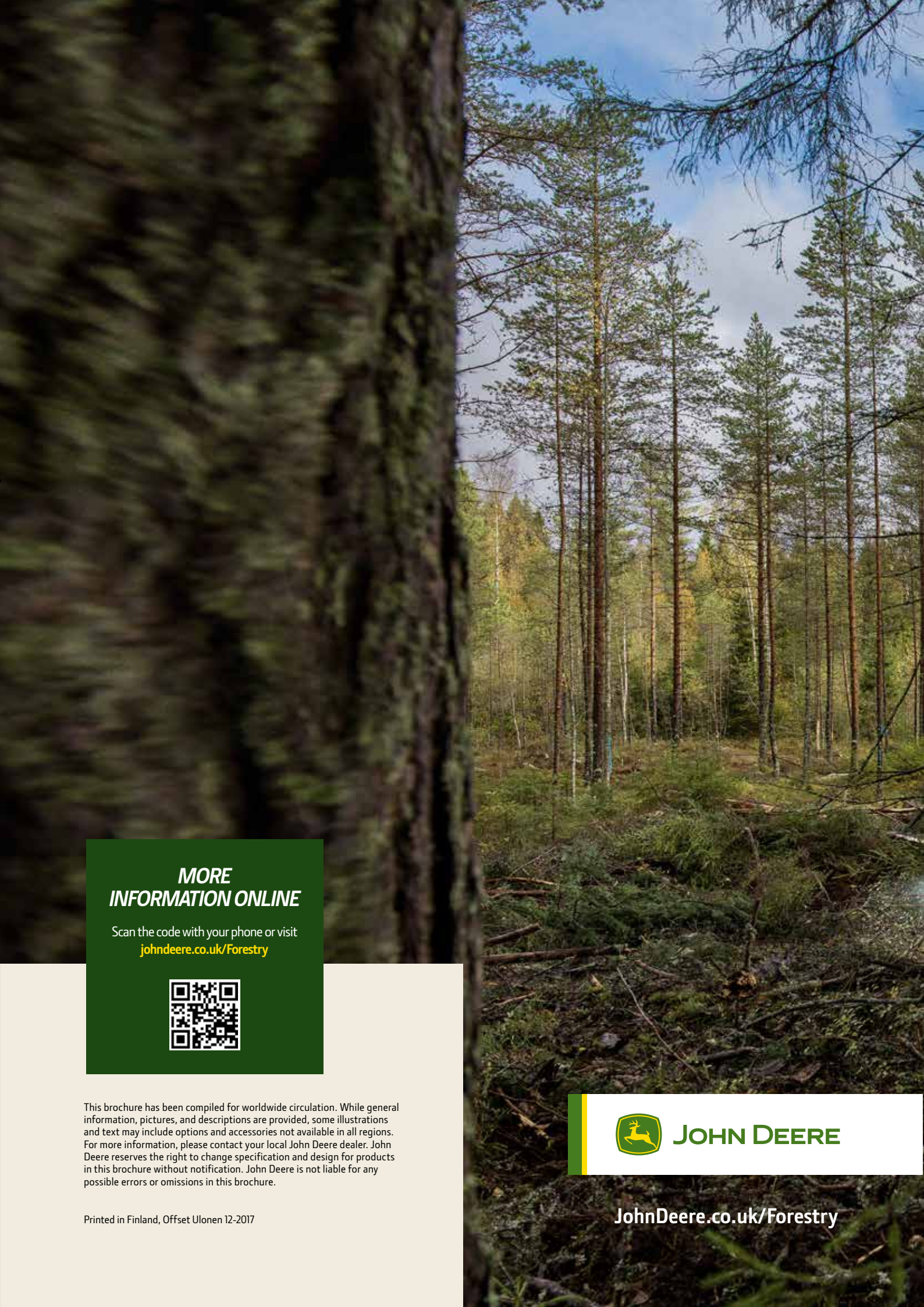
The agile and productive four- or six-wheeled 1070G is the perfect choice for thinning operations.

1170G 6W

The versatile and durable six-wheeled 1170G from thinning to regeneration harvesting. Available with IBC.

1170G 8W

The stable and powerful eight-wheeled 1170G with great climbing ability and performance on soft soil. Available with IBC.



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