



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<sup>3</sup> vs 90 cm<sup>3</sup>) 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
- 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

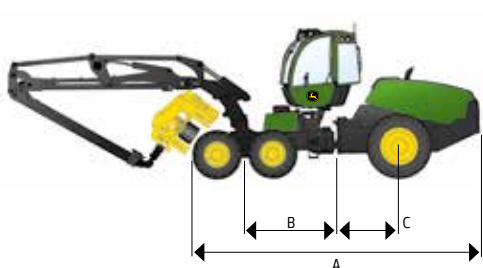
### **MORE UPTIME WITH SCHEDULED MAINTENANCE AND SERVICE AGREEMENTS**

- 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

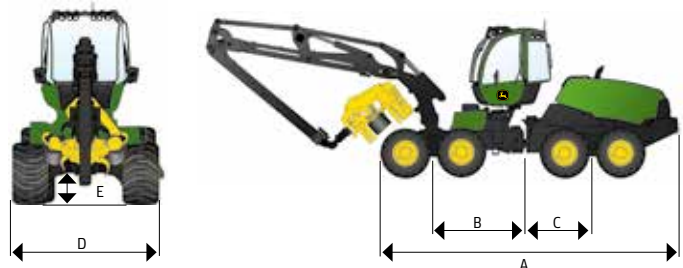


	1070G 4W / 6W	1170G 6W	1170G 8W
<b>ENGINE</b>	Meets Stage IV / Final Tier 4, John Deere 6068, 6 cylinders, displacement 6.8 liters		
Power	135,5	155	155
Torque	850 kNm	978 kNm	978 kNm
Fuel tank	300 L	300 L	300 L
DEF tank (usable volume)	13 L	13 L	13 L
<b>TRACTIVE FORCE</b>	130 kNm	150 kNm	160 kNm
<b>TIRES</b>			
Front axle	34" or 26,5"/ 22,5"	24,5" or 26,5"	24,5"
Rear axle	34" / 26,5"	34"	24,5"
<b>STEERING</b>	Proportional frame steering with electrical joystick		
Turning Angle	44°	44°	44°
<b>HYDRAULICS</b>	Load-sensing		
Pump Capacities	160 cm <sup>3</sup>	190 cm <sup>3</sup>	190 cm <sup>3</sup>
Operating Pressure	24 / 28 Mpa	24 / 28 Mpa	24 / 28 Mpa
Hydraulic Tank	160 L	160 L	160 L
<b>ELECTRIC SYSTEM</b>			
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
<b>BOOMS</b>			
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°
<b>HARVESTER HEAD</b>	H412, H413 or H414	H412, H413 or H414	H412, H413 or H414
<b>MEASUREMENTS</b>			
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 Length	11443 mm	11868 mm	12174 mm
Ground Clearance, Middle Joint [E]	535 / 555 mm	600 mm	580 mm
Minimum 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

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

# 1170G 6W

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

# 1170G 8W

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



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