

# John Deere 470G LC

## Driveline

Emission Rating	Tier 4
Engine Manufacturer	John Deere Power Tech
Number Of Cylinders (Per Engine)	6
Displacement, ltr (Inches)	13.5 (824)
Rated speed, rpm	2000
Engine Output - Net, kW (hp)	274 (367)
Number Of Carrier Rollers - Each Side	3
Number Of Track Rollers - Each Side	9
Track Shoe Width, mm (inches)	900 (36)

## Dimensions

Transport Length Mono Boom, mm (ft/in)	12010 (39 ft 5 in)
Transport Height - Maximum, mm (ft/in)	4550 (14 ft 11 in)
Overall Width, mm (ft/in)	3290 (10 ft 10 in)
Track Length On Ground, mm (ft/in)	4470 (14 ft 8 in)
Undercarriage Overall Length, mm (ft/in)	5470 (17 ft 11 in)
Tailswing Radius, mm (ft/in)	3670 (12 ft )
Ground Clearance, mm (inches)	740 (29)
Digging Reach - Mono Boom, mm (ft/in)	12490 (41 ft )
Ground Level Reach - Mono Boom, mm (ft/in)	12280 (40 ft 3 in)
Dig Height - Mono Boom, mm (ft/in)	11160 (36 ft 7 in)
Dump Height - Mono Boom, mm (ft/in)	7770 (25 ft 6 in)
Dig depth - 2.44m / 8'ft flat bottom, mm (ft/in)	8140 (26 ft 8 in)
Dig Depth - Mono Boom, mm (ft/in)	8270 (27 ft 2 in)
Standard Dipper, mm (ft/in)	3900 (12 ft 10 in)

## Capacities

Fuel Tank, ltr (gallons (US))	675 (178)
Hydraulic Tank, ltr (gallons (US))	310 (82)
Number Of Batteries	2
Voltage, V	24

## Performance

Ground Bearing Pressure, kPa (PSI)	61.3 (8.9)
Slew Speed, rpm	9.5
Slew Torque, kNm (lbf / ft)	148 (109159)
Travel Speed - High, kph (mph)	5.5 (3.4)
Tractive Force, kN (lbf)	328.8 (73937)
Dipper Tearout, kN (lbf)	201 (45187)
Bucket Breakout, kN (lbf)	286 (64295)
Gradeability, %	70
End lift - 7.5m Reach, kg (lbs)	14460 (31300) *
Side lift - 7.5m Reach, kg (lbs)	8790 (18910)
Main Pumps - Maximum Flow, lt/mi	