

1010G

Key Specs

Load Rating, Standard - 11000.0 kg
Net Peak Power At Engine Speed Power - 132.7 kW

Engine

Load Rating, Standard - 11000.0 kg
Manufacturer - John Deere
Model - John Deere 4045, 4,5 L
Non-Road Emission Standards - EU Stage V / EPA Tier IV
Engine Speed Used For Net Peak Power - 1900.0 rpm
Net Peak Power At Engine Speed Power - 132.7 kW
Engine Speed Used For Net Peak Torque - 1600.0 rpm
Net Peak Power At Engine Speed Torque - 729.4 Nm
Fuel Tank Capacity - 150.0 L

Transmission

Type - Hydrostatic-mechanical, 2-speed gearbox
Tractive Force With 24.5 Tires - 150.0 kN
Tractive Force With 26.5 Tires - 160.0 kN
Gear 1 Travel Speed Range - 7.6 km/h
Gear 2 Travel Speed Range - 23.0 km/h

Brakes

Brakes

Parking/Emergency - Spring actuated

Service - Hydraulically actuated, oil-immersed, multi-disc

Frame - Automated

Steering

Type - Proportional steering with electrical joystick

Turning Angle - 44.0 degrees

Axles And Bogies

Type - Hydromechanical differential lock in front and rear

Axles Front - Single rigid axle, non-balanced- or balanced-gear bogie axle

Axles Rear - Balanced-gear bogie axle or unbalanced long bogie (LGP) (available only with 26.5 axles)

Electrical

Voltage - 24.0 V

Batteries - 115.0 amp-hr

Alternator - 150.0 amp

Lights - Light-emitting diodes (LEDs)

Hydraulics

Type - Load sensing

Pump Capacity - 140.0 cm^3

Operating Pressure - 24.0 MPa

Hydraulic Tank - 150.0 L

Boom CF5

Maximum Reach Length - 10.0 m

Gross Lifting Torque - 102.0 kNm

Slewing Torque - 24.4 kNm

Slewing Angle - 380.0 degrees

Operator Station

Type - Fixed or rotating and levelling

Rotating Angle - 290.0 degrees

Operator Station

Sideways Tilt - 10.0 degrees

Forward And Backward Tilt - 6.0 degrees

Precision Forestry

Software/Operating System Type - TimberMatic

Standard Boom Control Aid - Smooth Boom Control (SBC) algorithm

Optional Boom Control Aid - Intelligent Boom Control (IBC)

Machine Dimensions

Short Wheelbase Length - 4400.0 mm

Medium Wheelbase Length - 4800.0 mm

Long Wheelbase Length - 5200.0 mm

Bogie Center - Middle Joint - 1798.0 mm

Short Wheelbase, Middle Joint - Bogie Center - 2591.0 mm

Medium Wheelbase, Middle Joint - Bogie Center - 2987.0 mm

Long Wheelbase, Middle Joint - Bogie Center - 3414.0 mm

Bogie Center - Middle Joint Plus Short Wheelbase, Middle Joint - Bogie Center - 4389.0 mm

Bogie Center - Middle Joint Plus Medium Wheelbase, Middle Joint - Bogie Center - 4785.0 mm

Bogie Center - Middle Joint Plus Long Wheelbase, Middle Joint - Bogie Center - 5212.0 mm

Short Wheelbase, Headboard - Bogie Center - 1798.0 mm

Medium Wheelbase, Headboard - Bogie Center - 2195.0 mm

Long Wheelbase, Headboard - Bogie Center - 2591.0 mm

Bogie Center - Rear - 1920.0 mm

600-Series Width With 24.5 Tires - 2560.0 mm

600-Series Width With 26.5 Tires - 2591.0 mm

700-Series Width With Tires - 2790.0 mm

710-Series Width With 24.5 Tires - 2774.0 mm

710-Series Width With 26.5 Tires - 2804.0 mm

800-Series Width With Tires - 2926.0 mm

Turning Angle - 44.0 degrees

Outer Turning Radius With 700-Series Tires And Short Wheelbase - 7100.0 mm

Outer Turning Radius With 700-Series Tires And Medium Wheelbase - 7650.0 mm

Outer Turning Radius With 700-Series Tires And Long Wheelbase - 8250.0 mm

Outer Turning Radius With 710 x 24.5-Series Tires And Short Wheelbase - 7102.0 mm

Machine Dimensions

Outer Turning Radius With 710 x 24.5-Series Tires And Medium Wheelbase - 7650.0 mm
Outer Turning Radius With 710 x 24.5-Series Tires And Long Wheelbase - 8230.0 mm
Inner Turning Radius With 710 x 24.5-Series Tires And Short Wheelbase - 3871.0 mm
Inner Turning Radius With 710 x 24.5-Series Tires And Medium Wheelbase - 4298.0 mm
Inner Turning Radius With 710 x 24.5-Series Tires And Long Wheelbase - 4694.0 mm
Transport Height With Tires - 3700.0 mm
Transport Height With 24.5 Tires - 3688.0 mm
Transport Height With 26.5 Tires - 3718.0 mm
Ground Clearance - 8 Wheel - 650.0 mm
Ground Clearance - 8 Wheel, With 24.5 Tires - 635.0 mm
Ground Clearance - 8 Wheel, With 26.5 Tires - 660.0 mm
Front Tires - 6-Wheel Options - 62.2 or 86.4 cm (24.5 or 34 in.)
Front Tires - 8-Wheel Options - 62.2 or 67.3 cm (24.5 or 26.5 in.)
Rear Tires Options - 62.2 or 67.3 cm (24.5 or 26.5 in.)
Minimum Machine Weight With 6 Wheels - 14950.0 kg
Minimum Machine Weight With 8 Wheels - 16600.0 kg
Approach Angle - 8 Wheel - 41.0 degrees
Approach Angle With 24.5 Tires - 38.0 degrees
Approach Angle With 26.5 Tires - 40.0 degrees

Load-Space Options (Measurements Are Guidelines Only And May Vary Depending On Production Tolerances)

Headboard - Bogie Center, Plus Bogie Center - Rear, Short Wheelbase Load Space - 3688.0 mm
Headboard - Bogie Center, Plus Bogie Center - Rear, Medium Wheelbase Load Space - 4084.0 mm
Headboard - Bogie Center, Plus Bogie Center - Rear, Long Wheelbase Load Space - 4481.0 mm
Load-Space Width Minimum - 2500.0 mm
Load-Space Width Maximum - 3150.0 mm
Load-Space Width VLS - 2550.0 mm
Cross-Sectional Load Space Area - 4.4 m^2