

370E



Engine		370E	
Manufacturer and Model	John Deere PowerTech™ 6135		
Non-Road Emission Standards	EPA Interim Tier 4/EU Stage IIIB		
Configuration	6-cylinder inline with variable-geometry turbocharger (VGT) and exhaust gas recirculation (EGR)		
Valves per Cylinder	4		
Displacement	13.5 L (824 cu. in.)		
Net Peak Power (ISO 9249)	315 kW (422 hp) at 1,900 rpm		
Net Peak Torque (ISO 9249)	2100 Nm (1,549 lb.-ft.) at 1,200 rpm		
Aspiration	Twin turbocharged and charge air cooled		
Fuel System	Mechanically actuated electronic unit injection, with 10- and 4-micron filtration and water separator		
Cold-Start Aid	Optional ether start, block heater, and diesel-fired coolant heater		
Cooling			
Engine Cooling	Liquid cooled with single-pass radiators and remote pressurized coolant tank		
Powertrain			
Transmission	8-speed forward, 4-speed reverse countershaft/planetary type with integral retarder and torque-proportioning differential		
Torque Converter	3-element, 1-way stator clutch; multi-disc lockup		
Retarder	Integral, gear dependent, hydrodynamic, oil-to-air cooled, variable, fully automatic		
Output Differential	Torque-proportioning, planetary-type, Interaxle Differential Lock (IDL) with PowerShift™ lockup clutch		
Shift Controls	Fully automatic, electronically modulated PowerShift, load-speed adaptive with gear-skip and gear-hunting protection		
Operator Interface	Push-button FNR, selectable speed- and gear-range limits, selectable retarder aggressiveness, downhill-descent control, and gear-hold		
Speeds	<i>Forward</i>	<i>Reverse</i>	
Gear 1	5 km/h (3 mph)	5 km/h (3 mph)	
Gear 2	7 km/h (4 mph)	8 km/h (5 mph)	
Gear 3	11 km/h (7 mph)	11 km/h (7 mph)	
Gear 4	16 km/h (10 mph)	16 km/h (10 mph)	
Gear 5	23 km/h (14 mph)	—	
Gear 6	32 km/h (20 mph)	—	
Gear 7	46 km/h (29 mph)	—	
Gear 8	53 km/h (33 mph)	—	
Axles			
Differential	Helical transfer gears, spiral bevel, hydraulically actuated PowerShift Cross-axle Differential Lock (CDL)		
Final Drive	Extreme-duty outboard-mounted planetary; cooled and filtered oil		
Brake System			
Service	Dual-circuit, hydraulically actuated, wet multi-disc, force cooled, inboard mounted		
Parking	Spring-applied hydraulically released, driveline-mounted, dry-disc, self-adjusting for pad wear		
Auxiliary	Fully automatic; transmission mounted, gear dependent; hydrodynamic retarder with selectable levels		
Hydraulics			
Type	Closed-center, variable-displacement, load-sensing system		
Main Pump	Variable displacement, axial piston		
Secondary Steering Pump	Ground-driven gear pump with hydraulic unloader valve		
Dump Cylinders	Dual-acting, single-stage with heat-treated, chrome-plated, and polished cylinder rods; hardened steel replaceable bushings and pivot pins		
Cycle Time			
Power Down	7 sec.		
Raise Time	13 sec.		
Electrical			
Voltage	24 volt		
Number of Batteries	2 – 12 volt		
Battery Capacity	950 CCA standard (2) / 1,400 CCA optional (2)		
Alternator	28 volt / 100 amp		
Steering System			
Type	2 hydraulically actuated, double-acting hydraulic cylinders; ground-driven secondary steering pump		
Angle	45 deg. side to side		
Lock-to-Lock Turns	4.2		
Suspension			
Front	Semi-independent leading A-frame geometry with transverse link for lateral restraint and self-leveling oil-filled struts with remote nitrogen-charged accumulators		
Rear	Load-equalizing, pivoting walking beams with laminated suspension blocks, tri-link geometry, and transverse links for lateral restraint		
Dump Body			
Type	High-strength steel		
Capacity			
Struck	16.3 m ³ (21.3 cu. yd.)		
Heaped at 2:1 ISO 6483 Ratio	20.5 m ³ (26.8 cu. yd.)		
With Optional Tailgate	21.4 m ³ (28.0 cu. yd.)		



Dump Body (continued)	370E
Maximum Dump Angle	70 deg.
Heater	Body ducted to accept optional exhaust heating

Serviceability

Ground-Level Service	
Fluids and Filters	Ground-level engine, transmission, and axle oil-level check and filter replacement; ground-level fueling and fuel filter replacement
Coolers	Swing-out coolers for easy cleaning; optional reverse-directional fans for cleaning
Fluid Sampling	Standard fluid-sampling ports; optional quick-service ports

Refill Capacities	
Fuel Tank	609 L (161.0 gal.)
Engine Oil with Filter	43 L (11.4 gal.)
Engine Coolant	93 L (24.6 gal.)
Transmission Fluid (refill)	60 L (15.9 gal.)
Hydraulic Reservoir	242 L (64.0 gal.)
Axle Fluid with Filter	
Front	62 L (16.4 gal.)
Mid	62 L (16.4 gal.)
Rear	68 L (18.0 gal.)

Operating Weights

With Standard Equipment	<i>Empty</i>	<i>Loaded</i>
Front	16 630 kg (36,663 lb.)	20 787 kg (45,828 lb.)
Middle	7152 kg (15,767 lb.)	21 888 kg (48,255 lb.)
Rear	7000 kg (15,432 lb.)	21 736 kg (47,920 lb.)
Total	30 782 kg (67,862 lb.)	64 412 kg (142,003 lb.)
Rated Payload	33 630 kg (74,141 lb.)	

Optional Components (add to standard weights)

Tailgate	840 kg (1,852 lb.)
Body Liners	1256 kg (2,769 lb.)
Tires	
29.5R25	1032 kg (2,275 lb.)
875/65R29	1964 kg (4,330 lb.)

Operating Dimensions

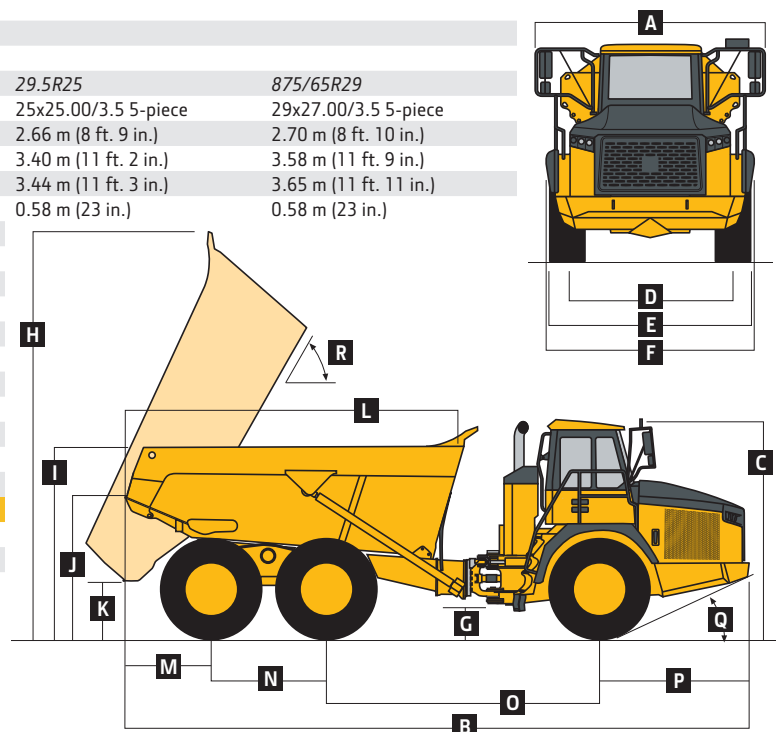
Turning Circle Radius	
Inside	4.62 m (15 ft. 2 in.)
Outside	8.92 m (29 ft. 3 in.)

Machine Dimensions

A Width with Mirrors in Operating Position	3.80 m (12 ft. 5 in.)		
B Length	10.81 m (35 ft. 6 in.)		
C Height	3.81 m (12 ft. 6 in.)		
Tires	26.5R25	29.5R25	875/65R29
Wheel	25x22.00/3.0 3-piece	25x25.00/3.5 5-piece	29x27.00/3.5 5-piece
D Tire-Track Width	2.77 m (9 ft. 1 in.)	2.66 m (8 ft. 9 in.)	2.70 m (8 ft. 10 in.)
E Width Over Tires	3.44 m (11 ft. 3 in.)	3.40 m (11 ft. 2 in.)	3.58 m (11 ft. 9 in.)
F Width Over Fenders	3.44 m (11 ft. 3 in.)	3.44 m (11 ft. 3 in.)	3.65 m (11 ft. 11 in.)
G Ground Clearance	0.53 m (21 in.)	0.58 m (23 in.)	0.58 m (23 in.)
H Dump Body Height, Dump Position	6.88 m (22 ft. 7 in.)		
I Dump Body Side Rail Height	3.26 m (10 ft. 8 in.)		
J Dump Body Dump Lip Height, Transport Position	3.61 m (11 ft. 10 in.)		
K Dump Body Ground Clearance, Dump Position	0.791 m (31 in.)		
L Dump Body Length	5.97 m (19 ft. 7 in.)		
M Rear Axle Centerline to Rear of Dump Body	1.48 m (4 ft. 10 in.)		
N Mid Axle to Rear Axle Centerline	1.96 m (6 ft. 5 in.)		
O Front Axle to Mid Axle Centerline	4.63 m (15 ft. 2 in.)		
P Front Axle Centerline to Front of Machine	2.74 m (9 ft. 0 in.)		
Q Approach Angle	24 deg.		
R Maximum Dump Angle	70 deg.		

Shipping Dimensions

Overall Width	
Dump Body	3.13 m (10 ft. 3 in.)
Tailgate Installed	3.44 m (11 ft. 3 in.)



410E



Engine	410E	
Manufacturer and Model	John Deere PowerTech™ 6135	
Non-Road Emission Standards	EPA Interim Tier 4/EU Stage IIIB	
Configuration	6-cylinder inline with variable-geometry turbocharger (VGT) and exhaust gas recirculation (EGR)	
Valves per Cylinder	4	
Displacement	13.5 L (824 cu. in.)	
Net Peak Power (ISO 9249)	330 kW (443 hp) at 1,900 rpm	
Net Peak Torque (ISO 9249)	2284 Nm (1,685 lb.-ft.) at 1,200 rpm	
Aspiration	Twin turbocharged and charge air cooled	
Fuel System	Mechanically actuated electronic unit injection, with 10- and 4-micron filtration and water separator	
Cold-Start Aid	Optional ether start, block heater, and diesel-fired coolant heater	
Cooling		
Engine Cooling	Liquid cooled with single-pass radiators and remote pressurized coolant tank	
Powertrain		
Transmission	8-speed forward, 4-speed reverse countershaft/planetary type with integral retarder and torque-proportioning differential	
Torque Converter	3-element, 1-way stator clutch; multi-disc lockup	
Retarder	Integral, gear dependent, hydrodynamic, oil-to-air cooled, variable, fully automatic	
Output Differential	Torque-proportioning, planetary-type, Interaxle Differential Lock (IDL) with PowerShift™ lockup clutch	
Shift Controls	Fully automatic, electronically modulated PowerShift, load-speed adaptive with gear-skip and gear-hunting protection	
Operator Interface	Push-button FNR, selectable speed- and gear-range limits, selectable retarder aggressiveness, downhill-descent control, and gear-hold	
Speeds	<i>Forward</i>	<i>Reverse</i>
Gear 1	5 km/h (3 mph)	6 km/h (4 mph)
Gear 2	8 km/h (5 mph)	8 km/h (5 mph)
Gear 3	12 km/h (7 mph)	12 km/h (7 mph)
Gear 4	17 km/h (11 mph)	17 km/h (11 mph)
Gear 5	24 km/h (15 mph)	—
Gear 6	34 km/h (21 mph)	—
Gear 7	48 km/h (30 mph)	—
Gear 8	55 km/h (34 mph)	—
Axles		
Differential	Helical transfer gears, spiral bevel, hydraulically actuated PowerShift Cross-axle Differential Lock (CDL)	
Final Drive	Extreme-duty outboard-mounted planetary; cooled and filtered oil	
Brake System		
Service	Dual-circuit, hydraulically actuated, wet multi-disc, force cooled, inboard mounted	
Parking	Spring-applied hydraulically released, driveline-mounted, dry-disc, self-adjusting for pad wear	
Auxiliary	Fully automatic; transmission mounted, gear dependent; hydrodynamic retarder with selectable levels	
Hydraulics		
Type	Closed-center, variable-displacement, load-sensing system	
Main Pump	Variable displacement, axial piston	
Secondary Steering Pump	Ground-driven gear pump with hydraulic unloader valve	
Dump Cylinders	Dual-acting, single-stage with heat-treated, chrome-plated, and polished cylinder rods; hardened steel replaceable bushings and pivot pins	
Cycle Time		
Power Down	7 sec.	
Raise Time	13 sec.	
Electrical		
Voltage	24 volt	
Number of Batteries	2 – 12 volt	
Battery Capacity	950 CCA standard (2) / 1,400 CCA optional (2)	
Alternator	28 volt / 100 amp	
Steering System		
Type	2 hydraulically actuated, double-acting hydraulic cylinders; ground-driven secondary steering pump	
Angle	45 deg. side to side	
Lock-to-Lock Turns	4.2	
Suspension		
Front	Semi-independent leading A-frame geometry with transverse link for lateral restraint and self-leveling oil-filled struts with remote nitrogen-charged accumulators	
Rear	Load-equalizing, pivoting walking beams with laminated suspension blocks, tri-link geometry, and transverse links for lateral restraint	
Dump Body		
Type	High-strength steel	
Capacity		
Struck	17.8 m ³ (23.3 cu. yd.)	
Heaped at 2:1 ISO 6483 Ratio	22.7 m ³ (29.7 cu. yd.)	
With Optional Tailgate	23.7 m ³ (30.9 cu. yd.)	



Dump Body (continued)	410E
Maximum Dump Angle	70 deg.
Heater	Body ducted to accept optional exhaust heating

Serviceability

Ground-Level Service	
Fluids and Filters	Ground-level engine, transmission, and axle oil-level check and filter replacement; ground-level fueling and fuel filter replacement
Coolers	Swing-out coolers for easy cleaning; optional reverse-directional fans for cleaning
Fluid Sampling	Standard fluid-sampling ports; optional quick-service ports

Refill Capacities	
Fuel Tank	609 L (161.0 gal.)
Engine Oil with Filter	43 L (11.4 gal.)
Engine Coolant	93 L (24.6 gal.)
Transmission Fluid (refill)	60 L (15.9 gal.)
Hydraulic Reservoir	242 L (64.0 gal.)
Axle Fluid with Filter	
Front	62 L (16.4 gal.)
Mid	62 L (16.4 gal.)
Rear	68 L (18.0 gal.)

Operating Weights

With Standard Equipment	<i>Empty</i>	<i>Loaded</i>
Front	16 747 kg (36,921 lb.)	21 487 kg (47,371 lb.)
Middle	7629 kg (16,819 lb.)	23 892 kg (52,673 lb.)
Rear	7477 kg (16,484 lb.)	23 740 kg (52,338 lb.)
Total	31 853 kg (70,224 lb.)	69 119 kg (152,382 lb.)
Rated Payload	37 266 kg (82,157 lb.)	

Optional Components (add to standard weights)

Tailgate	847 kg (1,867 lb.)
Body Liners	1348 kg (2,972 lb.)
875/65R29 Tires	1964 kg (4,330 lb.)

Operating Dimensions

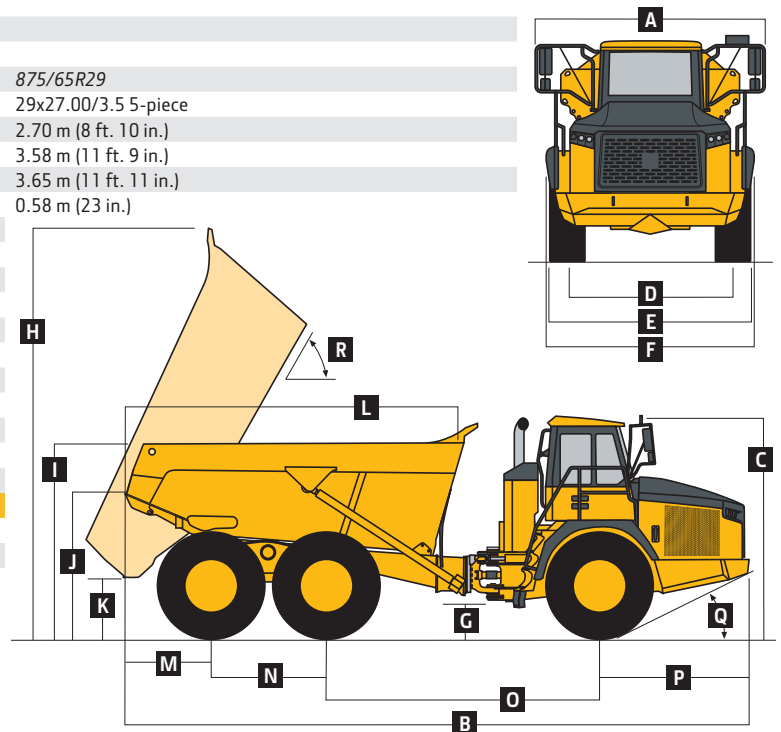
Turning Circle Radius	
Inside	4.63 m (15 ft. 2 in.)
Outside	8.90 m (29 ft. 2 in.)

Machine Dimensions

A Width with Mirrors in Operating Position	3.80 m (12 ft. 5 in.)	
B Length	10.81 m (35 ft. 6 in.)	
C Height	3.86 m (12 ft. 8 in.)	
Tires		
Wheel	25x25.00/3.5 5-piece	875/65R29
	29x27.00/3.5 5-piece	
D Tire-Track Width	2.66 m (8 ft. 9 in.)	2.70 m (8 ft. 10 in.)
E Width Over Tires	3.41 m (11 ft. 2 in.)	3.58 m (11 ft. 9 in.)
F Width Over Fenders	3.44 m (11 ft. 3 in.)	3.65 m (11 ft. 11 in.)
G Ground Clearance	0.58 m (23 in.)	0.58 m (23 in.)
H Dump Body Height, Dump Position	6.92 m (22 ft. 8 in.)	
I Dump Body Side Rail Height	3.30 m (10 ft. 10 in.)	
J Dump Body Dump Lip Height, Transport Position	3.62 m (11 ft. 11 in.)	
K Dump Body Ground Clearance, Dump Position	0.843 m (33 in.)	
L Dump Body Length	5.97 m (19 ft. 7 in.)	
M Rear Axle Centerline to Rear of Dump Body	1.48 m (4 ft. 10 in.)	
N Mid Axle to Rear Axle Centerline	1.96 m (6 ft. 5 in.)	
O Front Axle to Mid Axle Centerline	4.63 m (15 ft. 2 in.)	
P Front Axle Centerline to Front of Machine	2.74 m (9 ft. 0 in.)	
Q Approach Angle	26 deg.	
R Maximum Dump Angle	70 deg.	

Shipping Dimensions

Overall Width	
Dump Body	3.33 m (10 ft. 11 in.)
Tailgate Installed	3.62 m (11 ft. 10 in.)



460E



Engine	460E	
Manufacturer and Model	John Deere PowerTech™ 6135	
Non-Road Emission Standards	EPA Interim Tier 4/EU Stage IIIB	
Configuration	6-cylinder inline with variable-geometry turbocharger (VGT) and exhaust gas recirculation (EGR)	
Valves per Cylinder	4	
Displacement	13.5 L (824 cu. in.)	
Net Peak Power (ISO 9249)	359 kW (481 hp) at 1,900 rpm	
Net Peak Torque (ISO 9249)	2401 Nm (1,771 lb.-ft.) at 1,400 rpm	
Aspiration	Twin turbocharged and charge air cooled	
Fuel System	Mechanically actuated electronic unit injection, with 10- and 4-micron filtration and water separator	
Cold-Start Aid	Optional ether start, block heater, and diesel-fired coolant heater	
Cooling		
Engine Cooling	Liquid cooled with single-pass radiators and remote pressurized coolant tank	
Powertrain		
Transmission	8-speed forward, 4-speed reverse countershaft/planetary type with integral retarder and torque-proportioning differential	
Torque Converter	3-element, 1-way stator clutch; multi-disc lockup	
Retarder	Integral, gear dependent, hydrodynamic, oil-to-air cooled, variable, fully automatic	
Output Differential	Torque-proportioning, planetary-type, Interaxle Differential Lock (IDL) with PowerShift™ lockup clutch	
Shift Controls	Fully automatic, electronically modulated PowerShift, load-speed adaptive with gear-skip and gear-hunting protection	
Operator Interface	Push-button FNR, selectable speed- and gear-range limits, selectable retarder aggressiveness, downhill-descent control, and gear-hold	
Speeds	<i>Forward</i>	<i>Reverse</i>
Gear 1	5 km/h (3 mph)	6 km/h (4 mph)
Gear 2	8 km/h (5 mph)	8 km/h (5 mph)
Gear 3	12 km/h (7 mph)	12 km/h (7 mph)
Gear 4	17 km/h (11 mph)	17 km/h (11 mph)
Gear 5	24 km/h (15 mph)	—
Gear 6	34 km/h (21 mph)	—
Gear 7	48 km/h (30 mph)	—
Gear 8	55 km/h (34 mph)	—
Axles		
Differential	Helical transfer gears, spiral bevel, hydraulically actuated PowerShift Cross-axle Differential Lock (CDL)	
Final Drive	Extreme-duty outboard-mounted planetary; cooled and filtered oil	
Brake System		
Service	Dual-circuit, hydraulically actuated, wet multi-disc, force cooled, inboard mounted	
Parking	Spring-applied hydraulically released, driveline-mounted, dry-disc, self-adjusting for pad wear	
Auxiliary	Fully automatic; transmission mounted, gear dependent; hydrodynamic retarder with selectable levels	
Hydraulics		
Type	Closed-center, variable-displacement, load-sensing system	
Main Pump	Variable displacement, axial piston	
Secondary Steering Pump	Ground-driven gear pump with hydraulic unloader valve	
Dump Cylinders	Dual-acting, single-stage with heat-treated, chrome-plated, and polished cylinder rods; hardened steel replaceable bushings and pivot pins	
Cycle Time		
Power Down	7 sec.	
Raise Time	13 sec.	
Electrical		
Voltage	24 volt	
Number of Batteries	2 – 12 volt	
Battery Capacity	950 CCA standard (2) / 1,400 CCA optional (2)	
Alternator	28 volt / 100 amp	
Steering System		
Type	2 hydraulically actuated, double-acting hydraulic cylinders; ground-driven secondary steering pump	
Angle	45 deg. side to side	
Lock-to-Lock Turns	4.2	
Suspension		
Front	Semi-independent leading A-frame geometry with transverse link for lateral restraint and self-leveling oil-filled struts with remote nitrogen-charged accumulators	
Rear	Load-equalizing, pivoting walking beams with laminated suspension blocks, tri-link geometry, and transverse links for lateral restraint	
Dump Body		
Type	High-strength steel	
Capacity		
Struck	20.6 m ³ (26.9 cu. yd.)	
Heaped at 2:1 ISO 6483 Ratio	25.5 m ³ (33.4 cu. yd.)	
With Optional Tailgate	26.9 m ³ (35.1 cu. yd.)	



Dump Body (continued)	460E
Maximum Dump Angle	70 deg.
Heater	Body ducted to accept optional exhaust heating

Serviceability

Ground-Level Service

Fluids and Filters	Ground-level engine, transmission, and axle oil-level check and filter replacement; ground-level fueling and fuel filter replacement
Coolers	Swing-out coolers for easy cleaning; optional reverse-directional fans for cleaning
Fluid Sampling	Standard fluid-sampling ports; optional quick-service ports

Refill Capacities

Fuel Tank	609 L (161.0 gal.)
Engine Oil with Filter	43 L (11.4 gal.)
Engine Coolant	93 L (24.6 gal.)
Transmission Fluid (refill)	60 L (15.9 gal.)
Hydraulic Reservoir	242 L (64.0 gal.)
Axle Fluid with Filter	
Front	62 L (16.4 gal.)
Mid	62 L (16.4 gal.)
Rear	68 L (18.0 gal.)

Operating Weights

With Standard Equipment	Empty	Loaded
Front	16 976 kg (37,421 lb.)	22 517 kg (49,641 lb.)
Middle	7697 kg (16,969 lb.)	25 836 kg (56,958 lb.)
Rear	7545 kg (16,634 lb.)	25 684 kg (56,623 lb.)
Total	32 216 kg (71,024 lb.)	74 036 kg (163,221 lb.)
Rated Payload	41 820 kg (92,197 lb.)	

Optional Components (add to standard weights)

Tailgate	919 kg (2,026 lb.)
Body Liners	1365 kg (3,009 lb.)
875/65R29 Tires	1964 kg (4,330 lb.)

Operating Dimensions

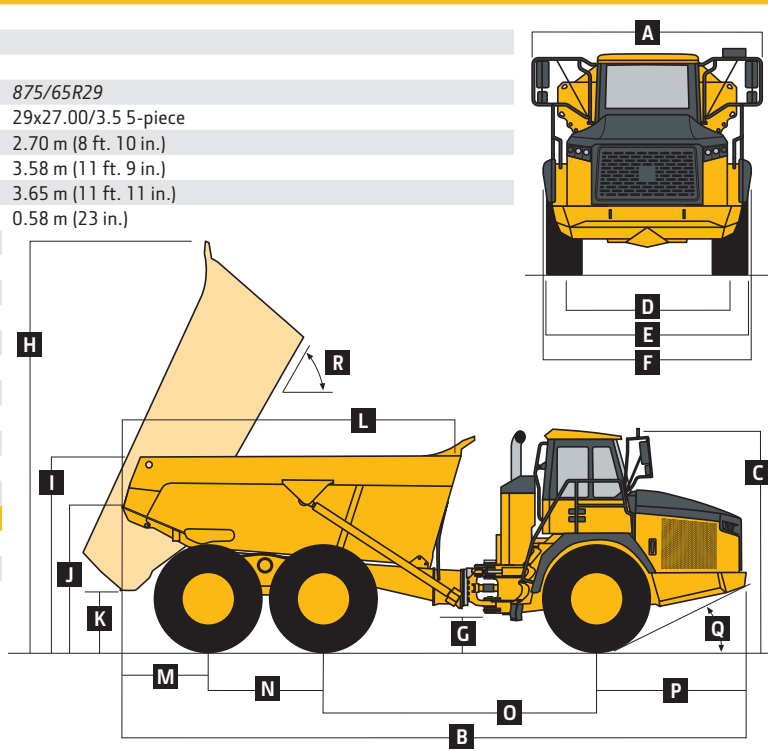
Turning Circle Radius	
Inside	4.63 m (15 ft. 2 in.)
Outside	8.90 m (29 ft. 2 in.)

Machine Dimensions

A Width with Mirrors in Operating Position	3.80 m (12 ft. 5 in.)	
B Length	10.81 m (35 ft. 6 in.)	
C Height	3.86 m (12 ft. 8 in.)	
Tires	29.5R25	875/65R29
Wheel	25x25.00/3.5 5-piece	29x27.00/3.5 5-piece
D Tire-Track Width	2.66 m (8 ft. 9 in.)	2.70 m (8 ft. 10 in.)
E Width Over Tires	3.41 m (11 ft. 2 in.)	3.58 m (11 ft. 9 in.)
F Width Over Fenders	3.44 m (11 ft. 3 in.)	3.65 m (11 ft. 11 in.)
G Ground Clearance	0.58 m (23 in.)	0.58 m (23 in.)
H Dump Body Height, Dump Position	7.00 m (22 ft. 11 in.)	
I Dump Body Side Rail Height	3.47 m (11 ft. 5 in.)	
J Dump Body Dump Lip Height, Transport Position	3.78 m (12 ft. 5 in.)	
K Dump Body Ground Clearance, Dump Position	0.843 m (33 in.)	
L Dump Body Length	6.01 m (19 ft. 8 in.)	
M Rear Axle Centerline to Rear of Dump Body	1.48 m (4 ft. 10 in.)	
N Mid Axle to Rear Axle Centerline	1.96 m (6 ft. 5 in.)	
O Front Axle to Mid Axle Centerline	4.63 m (15 ft. 2 in.)	
P Front Axle Centerline to Front of Machine	2.74 m (9 ft. 0 in.)	
Q Approach Angle	26 deg.	
R Maximum Dump Angle	70 deg.	

Shipping Dimensions

Overall Width	
Dump Body	3.36 m (11 ft. 0 in.)
Tailgate Installed	3.64 m (11 ft. 11 in.)



Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

370E	410E	460E	Engine
●	●	●	Meets EPA Interim Tier 4/EU Stage IIIB emissions
●	●	●	John Deere PowerTech™ 6135 — 13.5L (824 cu. in.) inline 6
●	●	●	Wet-sleeve cylinder liners
●	●	●	Variable-geometry turbocharger (VGT)
●	●	●	External cooled exhaust gas recirculation (EGR)
●	●	●	Dual-element air cleaner
●	●	●	Precleaner
●	●	●	Fuel/water separator
●	●	●	Ground-level fueling
▲	▲	▲	Fast fill
●	●	●	Serpentine drive belt with automatic tensioner
▲	▲	▲	Ether start aid (recommended below -1 deg. C [30 deg. F])
▲	▲	▲	Block heater (recommended below -18 deg. C [0 deg. F])
▲	▲	▲	Diesel-fired coolant heater (DFCH) (required below -25 deg. C [-13 deg. F])
●	●	●	Programmable auto-shutdown
●	●	●	Automatic turbo cool-down/shut-down timer
●	●	●	Flat-black exhaust stack
▲	▲	▲	Chrome exhaust stack
▲	▲	▲	Severe-duty fuel filter
▲	▲	▲	Severe-duty fuel filter with heater
Cooling			
●	●	●	Dual hydraulically driven, side-mounted fans
●	●	●	Side-mounted radiators (2), charge-air cooler, front and mid-axle coolers, transmission cooler, hydraulic cooler, air-conditioner condenser, and fuel cooler
●	●	●	Integral engine oil cooler
●	●	●	Remote pressurized coolant reservoir
●	●	●	John Deere COOL-GARD™ II long-life engine coolant
▲	▲	▲	Reversing fans
Powertrain			
●	●	●	Transmission diagnostic ports
●	●	●	Transmission oil-temperature self-protection
●	●	●	Remote-mounted spin-on transmission oil filters
●	●	●	Remote-mounted replaceable-element-axle-oil filters
●	●	●	Axle-oil temperature and lube-pressure sensing
●	●	●	Axle radial-shaft-seal grease barrier with lubrication fitting
●	●	●	Selectable Auto Differential Lock (ADL)
●	●	●	Automatic engaging retarder with selectable aggressiveness

370E	410E	460E	Electrical System
●	●	●	24-volt system voltage
●	●	●	100-amp alternator
●	●	●	Solid-state electrical distribution system
●	●	●	Battery disconnect
●	●	●	Batteries, 2 x 950 CCA
▲	▲	▲	Batteries, 2 x 1,400 CCA
●	●	●	Drive lights
●	●	●	Stair and service lights
▲	▲	▲	Deluxe work lights, front and rear
●	●	●	LED rear turn signals/brake lights
●	●	●	Electric horn
●	●	●	Reverse alarm
▲	▲	▲	Beacon/strobe light
▲	▲	▲	24-volt to 12-volt 15-amp converter
▲	▲	▲	24-volt to 12-volt 25-amp converter
Hydraulic System			
●	●	●	Closed-center, load-sensing system
●	●	●	Axial-piston, variable-displacement main pump
●	●	●	Single-stage, dual-acting, dump-body tip cylinders
●	●	●	Electrohydraulic dump-body control
Steering System			
●	●	●	Ground-driven secondary steering pump
Operator Station			
●	●	●	ROPS/FOPS certification
●	●	●	Keyless start
●	●	●	Tilt cab
●	●	●	Programmable dump-body control settings
●	●	●	Air conditioner
●	●	●	Heater
●	●	●	AM/FM radio/CD player
●	●	●	Rear window guard
●	●	●	Wiper/washer with intermittent control
●	●	●	Tilt and telescoping steering wheel
●	●	●	Fully adjustable, air-suspension, heated, high-back cloth and leather seat
▲	▲	▲	Air-suspension, low-back, cloth seat
●	●	●	76-mm (3 in.) retractable operator seat belt
●	●	●	Foldaway trainer seat with retractable seat belt
●	●	●	12-volt power outlet
●	●	●	Cup holder
●	●	●	Cooled/heated lunch box
●	●	●	Reverse camera
●	●	●	Ashtray and 12-volt cigarette lighter

370E	410E	460E	Operator Station (continued)
▲	▲	▲	Electric adjustable and heated mirrors
●	●	●	Deluxe monitor: Speedometer / Fuel gauge / Transmission oil temperature gauge / Engine coolant temperature gauge / Gear indicator / Tachometer / Battery voltage / Hour meter / Odometer / Fuel consumption / Trip counter / Trip timer / Trip distance / Metric/Imperial units / Service codes/diagnostics / LED indicator lights and audible alarm / Programmable dump-body rollover protection / Onboard weighing display / Multi-language capability / Tire-pressure-monitoring system warning
●	●	●	2 backlit sealed-switch module functions: Keyless start/stop / Park brake / Transmission controls drive, neutral, and reverse / Transmission gear hold and gear limit / Wiper control / Park lights and headlights / Work lights / Hazard lights / Beacon / Heated mirrors / Retarding aggressiveness / Operator-adjustable speed-limit controls / Traction controls for inter-axle and axles / Dump body up/down / Automatic dump-body control settings / Air-conditioner/heater controls
▲	▲	▲	Dump-body lever control
Dump Body			
●	●	●	Dump-body safety lock bar
▲	▲	▲	Dump-body liner (steel)
▲	▲	▲	Tailgate
▲	▲	▲	Dump-body heater
▲	▲	▲	Less dump body and cylinders
Other			
●			26.5R25 radial earthmovers
▲	●	●	29.5R25 radial earthmovers
▲	▲	▲	875/65R29 radial earthmovers
●	●	●	Remote grease banks
▲	▲	▲	Quick-service bank
●	●	●	Articulation lock
●	●	●	Onboard weighing system with external load lights
●	●	●	Tire-pressure-monitoring system with temperature compensation
●	●	●	Fire extinguisher
●	●	●	JDLink™ Ultimate wireless communication system with 3-year subscription (available in specific countries; see your dealer for details)
▲	▲	▲	JDLink Ultimate dual-mode cellular/satellite wireless communication system with 3-year subscription (available in specific countries; see your dealer for details)

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on units with standard equipment, ROPS cabs, full fuel tanks, and 79-kg (175 lb.) operators; a 370E unit with 26.5R25 radial earthmover tires; and 410E and 460E units with 29.5R25 radial earthmover tires. Capacity and loaded weights are based on 1640-kg/m³ (2,759 lb./cu. yd.) material.

