

G-SERIES
COMPACT EXCAVATORS



JOHN DEERE

17G / 26G / 30G

30G

**COMPACT
AND VERSATILE**



A LOT ON YOUR PLATE?

DIG IN.

With tight lot lines and tighter deadlines, you need to get more out of your “mini.” G-Series Compacts deliver big productivity and versatility within a small footprint.



EASY TO TRAILER

Save your tail

Reduced-tail-swing design makes G-Series machines extra-maneuverable and plenty productive in places with tight spaces.

Dig and go

G-Series Compacts transport easily between jobsites, making them perfect for “dig-and-go” jobs.

All the comfort you need — and then some

With large entryways and virtually unrestricted sightlines, the G-Series' spacious operator stations deliver all the comfort, convenience, and visibility operators need to bring out their best.

Maneuverable muscle

17G's variable-width undercarriage and foldable blade can be hydraulically retracted to navigate narrow pathways and tight quarters, then easily repositioned for solid stability, to work where handwork used to be required.





PUT IT TO WORK

OUR 30G DELIVERS.

Neither too big nor too small for many of our customers' needs, the 30G is well armed to handle a wide range of underground, building, landscaping, and site-development tasks. And it's the perfect addition to most rental fleets.

Just right

Filling the gap between the 26G and 35G, the 30G delivers impressive bucket force, arm force, breakout force, and lift capacity, to power through tough digging conditions.

Go with the flow

More net horsepower allows the 30G to drive a larger hydraulic pump, increasing productive flow. Higher-flow hydraulic pumps power larger attachments more efficiently.

Same proven features

The 30G boasts the productive features customers have come to expect of other G-Series machines, including a wear-compensating quick-coupler, a pattern changer, foldable pedals, and proportional auxiliary hydraulics plumbed to the end of the boom.

Maximum utilization

This capable mini can use many of the same buckets and attachments that customers who own other John Deere compact machines may already have in their fleets.



AS TOUGH AS THEY COME

DISH IT OUT — AND TAKE IT.

Don't let their compact statures fool you. Like their larger G-Series siblings, the 17G, 26G, and 30G are exceptionally capable and durable.



Maintenance-free brakes

Wet-disc swing brake provides long-term maintenance-free performance.

Minimize leaks

O-ring face-seal hydraulic fittings virtually eliminate aggravating and costly leaks.

Backup plan

Self-priming diesel helps you get back up and running quickly should your excavator ever run out of fuel.

Protected motors and cylinders

Heavy-duty side shields deflect material and impacts, protecting propel motors and boom and blade cylinders.

Durable lines and hoses

Steel hydraulic lines are clamped securely. CORDURA® covering on rubber hoses provides extra durability.

Heavy-duty frames

Box-constructed X-frame and track frames provide a rock-solid and stable platform that resists material and dirt buildup.

No costly aftertreatment devices

High-torque fuel-efficient diesels meet EPA Final Tier 4/EU Stage IV emission standards without aftertreatment devices — reducing maintenance and expense.



NO AFTER-TREATMENT DEVICES NEEDED



SET YOUR SIGHTS ON
GETTING
MORE DONE.



17G SPECIFICATIONS

Engine		17G
Manufacturer and Model	Yanmar 3TNV74F	
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	
Displacement	0.99 L (61 cu. in.)	
Net Power (ISO 9249)	10.8 kW (14.5 hp) at 2,400 rpm	
Powertrain		
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box		
Maximum Travel Speed		
Low	2.4 km/h (1.5 mph)	
High	4.2 km/h (2.6 mph)	
Swing Speed	9.4 rpm	
Swing Brake	Spring applied, hydraulically released, automatic	
Hydraulics		
Open center with 2 variable-displacement pumps, 1 fixed-gear pump, and 1 pilot pump		
Pump Flow		
Piston	2 x 19.2 L/m (2 x 5.1 gpm)	
Gear	10.98 L/m (2.9 gpm)	
Auxiliary Flow	29.9 L/m (7.9 gpm)	
Controls	Hydraulic pilot operated for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions	
Electrical		
Alternator Rating	40 amp	
Work Lights	1 mounted on boom	
Undercarriage		
Planetary final drive; 2-speed axial-piston propel motors		
Tracks, Rubber	230 mm (9 in.)	
Ground Pressure with Rubber Track	26.6 kPa (3.9 psi)	
Upperstructure		
Independent Swing Boom		
Left	70 deg.	
Right	50 deg.	
Counterweight, Standard	120 kg (265 lb.)	
Rear Overhang	40 mm (2 in.)	
Serviceability		
Refill Capacities		
Fuel Tank	20.06 L (5.3 gal.)	
Cooling System	2.7 L (2.9 qt.)	
Engine Oil with Filter	3.10 L (3.3 qt.)	
Hydraulic Tank	14.01 L (3.7 gal.)	
Operating Weight		
With 0.93-m (3 ft. 1 in.) Standard Arm, Standard Counterweight, Rubber Track, Full Fuel Tank, and 79-kg (175 lb.) Operator	1720 kg (3,790 lb.)	

17G SPECIFICATIONS



Operating Dimensions

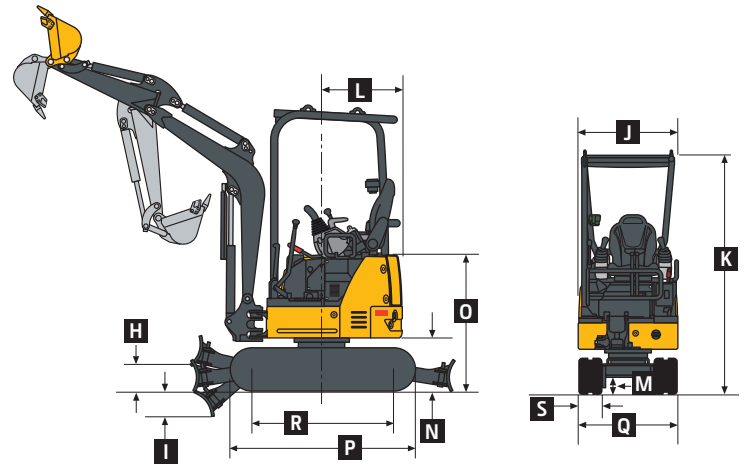
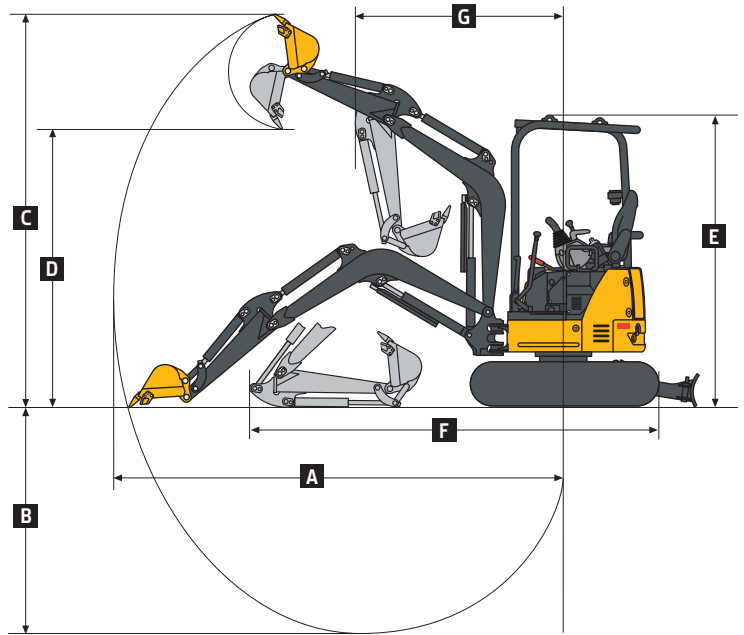
17G

0.93-m (3 ft. 1 in.) Standard Arm and Standard Counterweight

A Maximum Digging Reach	3.81 m (12 ft. 6 in.)
B Maximum Digging Depth	2.19 m (7 ft. 2 in.)
C Maximum Cutting Height	3.54 m (11 ft. 7 in.)
D Maximum Dumping Height	2.51 m (8 ft. 3 in.)
E Transport Height	2.38 m (7 ft. 10 in.)
F Overall Length (blade in front)	3.50 m (11 ft. 6 in.)
G Minimum Swing Radius	1.53 m (5 ft. 0 in.)
H Blade Bottom Highest Position	0.29 m (11 in.)
I Blade Bottom Lowest Position	0.23 m (9 in.)
Boom-Swing Pivot-Offset Distance	0.11 m (4 in.)
Offset Distance	
Left	0.36 m (14 in.)
Right	0.56 m (22 in.)
Digging Force	
Bucket	16.0 kN (3,597 lb.)
Arm	8.6 kN (1,933 lb.)

Machine Dimensions

Blade	
Width	
Minimum	0.98 m (3 ft. 3 in.)
Maximum	1.28 m (4 ft. 2 in.)
Height	260 mm (10.2 in.)
J Upperstructure Width	0.99 m (3 ft. 3 in.)
K Overall Height	2.38 m (7 ft. 10 in.)
L Rear-End Swing Radius	0.68 m (2 ft. 3 in.)
M Minimum Ground Clearance	0.165 m (6 in.)
N Counterweight Height	0.45 m (18 in.)
O Engine Cover Height	1.15 m (3 ft. 9 in.)
P Undercarriage Length	1.57 m (5 ft. 2 in.)
Q Undercarriage Width	
Minimum	0.98 m (3 ft. 3 in.)
Maximum	1.28 m (4 ft. 2 in.)
R Sprocket Center to Idler Center	1.21 m (4 ft. 0 in.)
S Track Shoe Width	0.23 m (9 in.)



Lift Capacities

0.93-m (3 ft. 1 in.) Standard Arm, Standard Counterweight, and Rubber Track

	Over Front*	Over Side
Ground Level at 3.0-m (10 ft.) Radius	471 kg (1,015 lb.)	217 kg (470 lb.)

*Blade down (limited by hydraulics).



26G SPECIFICATIONS

Engine		26G
Manufacturer and Model	Yanmar 3TNV80F	
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	
Displacement	1.267 L (77 cu. in.)	
Net Power (ISO 9249)	14.9 kW (20.0 hp) at 2,500 rpm	
Powertrain		
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box		
Maximum Travel Speed		
Low	2.9 km/h (1.8 mph)	
High	4.5 km/h (2.8 mph)	
Swing Speed	91 rpm	
Swing Brake	Spring applied, hydraulically released, automatic	
Hydraulics		
Open center with 2 variable-displacement pumps, 1 fixed gear pump, and 1 pilot pump		
Pump Flow		
Piston	2 x 36.0 L/m (2 x 7.9 gpm)	
Gear	16.28 L/m (4.3 gpm)	
Auxiliary Flow	46.18 L/m (12.2 gpm)	
Controls	Hydraulic pilot operated for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions	
Electrical		
Alternator Rating	40 amp	
Work Lights	2 halogen, 1 mounted on operator station, and 1 mounted on boom	
Undercarriage		
2-speed axial-piston propel motors		
Tracks, Rubber	300 mm (12 in.)	
Ground Pressure with 1.17-m (3 ft. 10 in.) Standard Arm, Standard Counterweight, and Rubber Track		
Canopy	25.0 kPa (3.6 psi)	
Cab	25.9 kPa (3.8 psi)	
Upperstructure		
Independent Swing Boom w/ 1.17-m (3 ft. 10 in.) Standard Arm	<i>Canopy and 241-kg (531 lb.) Standard Counterweight</i>	<i>Cab and 208-kg (459 lb.) Standard Counterweight</i>
Left	70 deg.	70 deg.
Right	60 deg.	60 deg.
Serviceability		
Refill Capacities		
Fuel Tank	34.07 L (9.0 gal.)	
Cooling System	3.12 L (3.3 qt.)	
Engine Oil with Filter	3.69 L (3.9 qt.)	
Hydraulic Tank	23.85 L (6.3 gal.)	
Operating Weights		
With 1.17-m (3 ft. 10 in.) Standard Arm, Rubber Track, Standard Counterweight, Full Fuel Tank, and 79-kg (175 lb.) Operator		
Canopy	2620 kg (5,780 lb.)	
Cab	2770 kg (6,110 lb.)	

26G SPECIFICATIONS



Operating Dimensions

26G

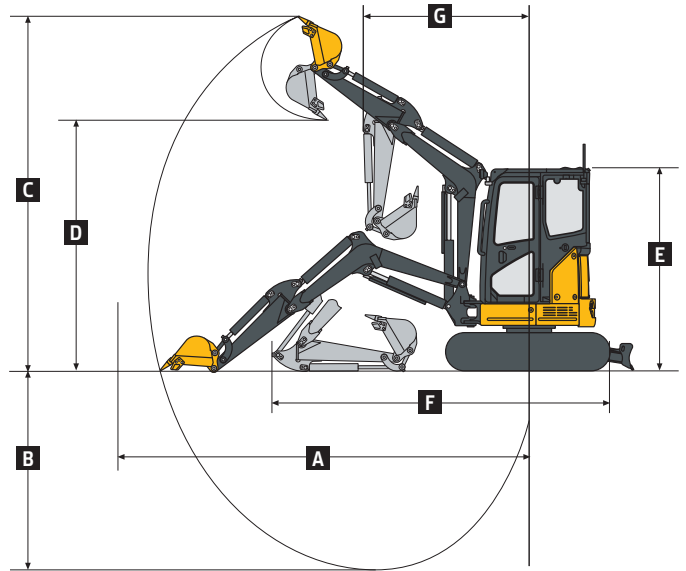
1.17-m (3 ft. 10 in.) Standard Arm and

Standard Counterweight

Canopy

Cab

A Maximum Digging Reach	4.63 m (15 ft. 2 in.)	4.63 m (15 ft. 2 in.)
B Maximum Digging Depth	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
C Maximum Cutting Height	4.44 m (14 ft. 7 in.)	4.28 m (14 ft. 1 in.)
D Maximum Dumping Height	3.19 m (10 ft. 6 in.)	3.04 m (10 ft. 0 in.)
E Transport Height	2.43 m (8 ft. 0 in.)	2.43 m (8 ft. 0 in.)
F Overall Length		
Blade in Front	4.18 m (13 ft. 9 in.)	4.18 m (13 ft. 9 in.)
Blade in Rear	4.48 m (14 ft. 8 in.)	4.48 m (14 ft. 8 in.)
G Minimum Swing Radius	1.92 m (6 ft. 4 in.)	2.01 m (6 ft. 7 in.)
H Blade Bottom Highest Position	0.32 m (13 in.)	0.32 m (13 in.)
I Blade Bottom Lowest Position	0.32 m (12 in.)	0.32 m (12 in.)
Boom-Swing Pivot-Offset Distance	0.09 m (3 in.)	0.09 m (3 in.)
Offset Distance		
Left	0.56 m (22 in.)	0.56 m (22 in.)
Right	0.70 m (28 in.)	0.70 m (28 in.)
Digging Force		
Bucket	22.21 kN (4,994 lb.)	22.21 kN (4,994 lb.)
Arm	15.17 kN (3,410 lb.)	15.17 kN (3,410 lb.)



Machine Dimensions

Blade

Width	1.50 m (4 ft. 11 in.)
Height	320 mm (12.6 in.)

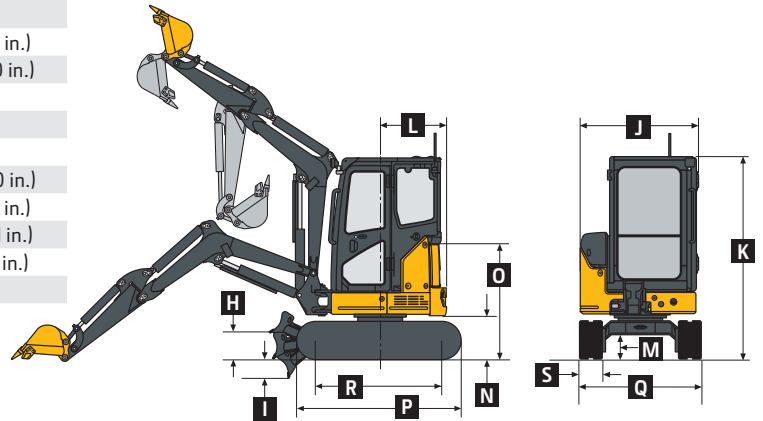
1.17-m (3 ft. 10 in.) Standard Arm and

Standard Counterweight

Canopy

Cab

J Upperstructure Width	1.39 m (4 ft. 7 in.)	1.42 m (4 ft. 8 in.)
K Overall Height	2.43 m (8 ft. 0 in.)	2.43 m (8 ft. 0 in.)
L Rear-End Swing Radius	0.80 m (31 in.)	0.80 m (31 in.)
M Minimum Ground Clearance	0.30 m (12 in.)	0.30 m (12 in.)
N Counterweight Height	0.53 m (21 in.)	0.53 m (21 in.)
O Engine Cover Height	1.49 m (4 ft. 11 in.)	1.47 m (4 ft. 10 in.)
P Undercarriage Length	1.96 m (6 ft. 5 in.)	1.96 m (6 ft. 5 in.)
Q Undercarriage Width	1.50 m (4 ft. 11 in.)	1.50 m (4 ft. 11 in.)
R Sprocket Center to Idler Center	1.53 m (5 ft. 0 in.)	1.53 m (5 ft. 0 in.)
S Track Shoe Width	0.30 m (12 in.)	0.30 m (12 in.)



Lift Capacities

1.17-m (3 ft. 10 in.) Standard Arm, Standard Counterweight, and Rubber Track

Ground Level at 3.0-m (10 ft.) Radius

*Canopy, Over Front**

Canopy, Over Side

*Cab, Over Front**

Cab, Over Side

1200 kg (2,573 lb.)

362 kg (781 lb.)

1201 kg (2,592 lb.)

394 kg (850 lb.)

*Blade down (limited by hydraulics).



30G SPECIFICATIONS

Engine		30G	
Manufacturer and Model	Yanmar 3TNV88F-EPHB		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	1.642 L (100.2 cu. in.)		
Net Rated Power (ISO 9249)	17.4 kW (23 hp) at 2,400 rpm		
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	2.8 km/h (1.7 mph)		
High	4.3 km/h (2.7 mph)		
Swing Speed, Right and Left	91 rpm		
Swing Brake	Spring applied, hydraulically released, automatic, disc type		
Hydraulics			
Open center, pilot operated, with 2 variable-displacement pumps and single-gear pilot pump			
Maximum Rated Flow			
Main Pumps	2 x 38.4 L/m (2 x 10.1 gpm)		
Pilot Pump	22.8 L/m (6.0 gpm)		
Auxiliary Hydraulics	61.2 L/m (16.2 gpm)		
Controls	Pilot levers; short-stroke, low-effort hydraulic pilot controls with shutoff lever		
Electrical			
Alternator Rating	55 amp		
Work Lights	2 halogen, 1 mounted on operator station, and 1 mounted on boom		
Undercarriage			
Planetary final drives with axial-piston motors; propel motor shields			
Track-Shoe Width, Standard Configuration	300 mm (11.8 in.)		
Ground Pressure with 300-mm (12 in.) Triple Semi-Grouser Shoes			
With Canopy	28 kPa (4.1 psi)		
With Cab	30 kPa (4.4 psi)		
Upperstructure			
Maximum Boom-Swing Angle	<i>Canopy</i>	<i>Cab</i>	
Left	72 deg.	62 deg.	
Right	62 deg.	62 deg.	
Serviceability			
Refill Capacities			
Fuel Tank	42.0 L (11.1 gal.)		
Engine Coolant	5.0 L (1.3 gal.)		
Engine Oil with Filter	7.2 L (1.9 gal.)		
Travel Gearcase (each; qty. 2)	0.60 L (0.6 qt.)		
Hydraulic System	56.0 L (14.8 gal.)		
Hydraulic Tank	43.0 L (11.4 gal.)		
Operating Weights			
With 328-kg (723 lb.) Counterweight, Standard Front Attachments, Full Fuel Tank, and 75-kg (165 lb.) Operator			
300-mm (12 in.) Rubber Track (canopy with operator)	3105 kg (6,850 lb.)		
300-mm (12 in.) Rubber Track (cab with operator)	3275 kg (7,220 lb.)		

30G SPECIFICATIONS



Operating Dimensions 30G

1.17-m (3 ft. 10 in.) Standard Arm and Standard Counterweight

	Canopy	Cab
A Maximum Cutting Height	4.62 m (15 ft. 2 in.)	4.42 m (14 ft. 6 in.)
B Maximum Dumping Height	3.20 m (10 ft. 6 in.)	3.03 m (9 ft. 11 in.)
C Maximum Digging Depth	2.79 m (9 ft. 2 in.)	2.79 m (9 ft. 2 in.)
D Maximum Digging Reach	4.89 m (16 ft. 1 in.)	4.89 m (16 ft. 1 in.)
E Minimum Boom-Swing Radius	1.58 m (5 ft. 2 in.)	1.82 m (6 ft. 0 in.)
F Transport Length	4.45 m (14 ft. 7 in.)	4.45 m (14 ft. 7 in.)

Machine Dimensions

Blade

Width 1740 mm (5 ft. 9 in.)

Height 373 mm (15 in.)

G Upperstructure Width 1.55 m (5 ft. 1 in.)

H Overall Height, Canopy or Cab 2.48 m (8 ft. 2 in.)

I Track Width 300 mm (12 in.)

J Undercarriage Width 1.55 m (5 ft. 1 in.)

K Ground Clearance 280 mm (11 in.)

L Tail-Swing Radius (with standard arm) 775 mm (31 in.)

M Engine Cover Height 1.53 m (5 ft. 0 in.)

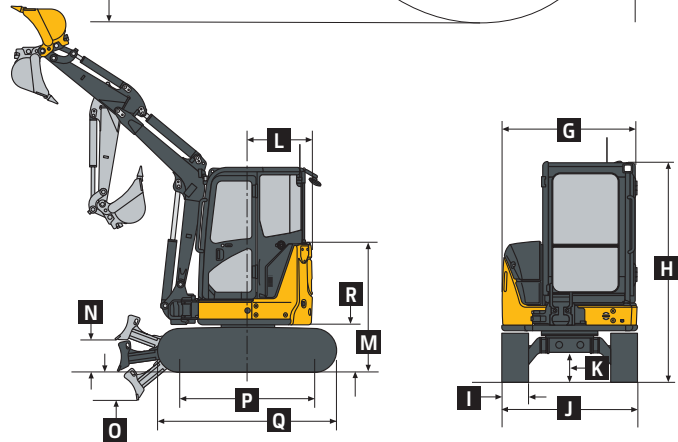
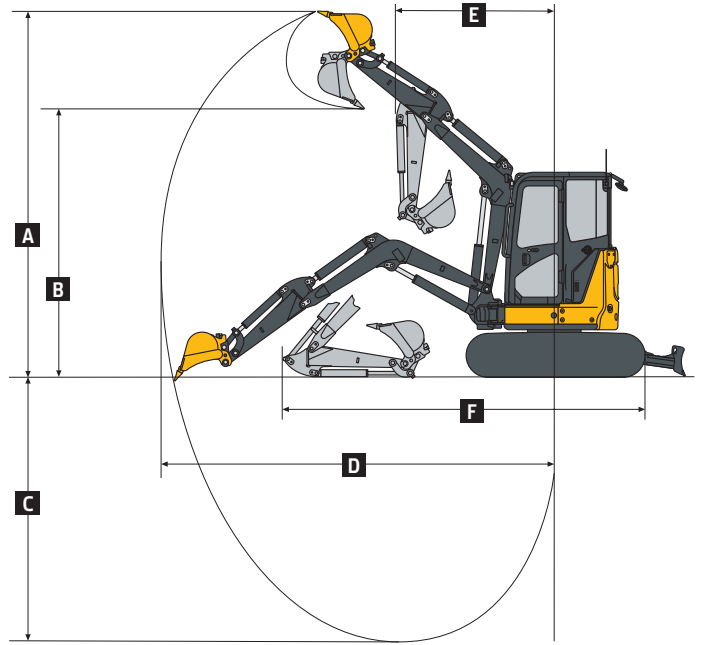
N Maximum Blade Lift Above Ground 360 mm (14 in.)

O Maximum Blade Drop Below Ground 360 mm (14 in.)

P Sprocket Center to Idler Center 1.66 m (5 ft. 5 in.)

Q Undercarriage Length 2.11 m (6 ft. 11 in.)

R Counterweight Clearance 0.55 m (22 in.)



Lift Capacities

Boldface type indicates hydraulically limited capacities; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87% of hydraulic capacity or 75% of weight needed to tip machine.

1.17-m (3 ft. 10 in.) Arm, 81.5-kg (180 lb.)

Bucket, 328-kg (723 lb.) Counterweight, and 300-mm (12 in.) Track Shoe

	Canopy, Blade on Ground, Over Front*	Canopy, Blade on Ground, Over Side	Cab, Blade on Ground, Over Front*	Cab, Blade on Ground, Over Side
Ground Level at 3.0-m (10 ft.) Radius	1440 kg (3,170 lb.)	480 kg (1,050 lb.)	1440 kg (3,170 lb.)	510 kg (1,124 lb.)

*Blade down (limited by hydraulics).