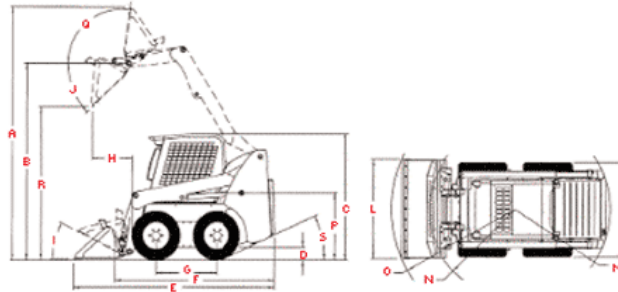


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# Model 7810 Skid Loader

## SPECIFICATIONS



DIMENSIONS	7810 <sup>(A)</sup>
A. Overall Operating Height (fully raised) (mm)	188" (4770)
B. Height to Hinge Pin (fully raised) (mm)	142" (3607)
C. Overall Height (top of ROPS) (mm)	81" (2057)
D. Ground Clearance (mm)	9" (231)
E. Overall Length (mm)	161" (4089)
F. Overall Length (less bucket) (mm)	122" (3099)
G. Wheelbase (mm)	55" (1397)
H. Dump Reach (at full height) (mm)	38" (970)
I. Rollback Angle (at ground)	28.5°
J. Dump Angle (at full height)	38°
K. Overall Width (less bucket) (mm)	81" (2057)
L. Overall Width (w/ bucket) (mm)	84" (2134)
M. Clearance Circle (rear) (mm)	81" (2045)
N. Clearance Circle (front, less bucket) (mm)	61" (1539)
O. Clearance Circle (front, w/bucket) (mm)	102" (2583)
P. Seat to Ground Height (w/suspension seat) (mm)	41" (1041)
Q. Rollback Angle (at full height)	85°
R. Dump Height (mm)	107" (2718)
S. Departure Angle	21°
Maximum Back Grading Angle	81.5°

ENGINE	
Make	Perkins
Model	1104C-E44T turbo diesel
Net Power (kW) @ RPM	115 hp (86) @ 2400
Displacement (L)	269 cu. in. (4.4)
Torque @ RPM (Nm)	291 ft-lbs (395) @ 1400

### HYDRAULIC SYSTEM

<b>Hydraulic Capacity (L)</b>	15 gal (57)
<b>System Relief Pressure (bar)</b>	3300 psi (228)
<b>Auxiliary Hyd. (L/min)</b>	29 gpm (110)
<b>High-Flow Hyd. - option (L/min.)</b>	40 gpm (151)
<b>CAPACITIES / WEIGHTS</b>	
<b>Rated Operating Load <sup>(b)</sup> (kg)</b>	3675 lbs. (1667)
<b>Fuel Tank (L)</b>	28.9 gal. (109)
<b>Travel Speed (km/h)</b>	0-7.5 mph (0-12)
<b>w/2-speed option (km/h)</b>	0-13 mph (0-21)
<b>Operating Weight (kg)<sup>(c)</sup> - approx.</b>	10,260 lbs. (4654)

- A. Dimensions with 14.00x17.5 HD tires and 84" - 28 cu. ft. bucket.**  
**B. Per SAE J818 and J732, and ISO 14397**  
**C. Base unit with standard bucket, standard tires, 175 lb. (79 kg) operator, and full fuel tank**