

HITACHI



DASH 3

## SUPER LONG FRONTS

■ Zaxis 200LC-3, Zaxis 240LC-3, Zaxis 270LC-3, and Zaxis 350LC-3

# SUPER LONG FRONTS 200LC-3, 240LC-3, 270LC-3 — SPECIFICATIONS

## Operating Weights

	200LC-3	240LC-3	270LC-3
With Full Fuel Tank; 175-lb. (79 kg) Operator; and 32-in. (800 mm) Triple Semi-Grouser Shoes			
0.50-cu.-yd. (0.38 m <sup>3</sup> ), 30-in. (762 mm)-Wide, 835-lb. (379 kg) Bucket; 20-ft. 9-in. (6.33 m) Arm; 10,472-lb. (4750 kg) Standard Counterweight with Optional 2,000-lb. (907 kg) Counterweight; and 14-ft. 8-in. (4.46 m) Undercarriage Length with 7-ft. 10-in. (2.39 m)-Wide Gauge.....	48,715 lb. (22 096 kg)	—	—
0.50-cu.-yd. (0.38 m <sup>3</sup> ), 30-in. (762 mm)-Wide, 835-lb. (379 kg) Bucket; 25-ft. 10-in. (7.88 m) Arm; 11,904-lb. (5400 kg) Standard Counterweight with Optional 3,308-lb. (1500 kg) Counterweight; and 15-ft. 3-in. (4.64 m) Undercarriage Length with 8-ft. 6-in. (2.59 m)-Wide Gauge.....	—	57,767 lb. (26 203 kg)	—
0.50-cu.-yd. (0.38 m <sup>3</sup> ), 30-in. (762 mm)-Wide, 835-lb. (379 kg) Bucket; 25-ft. 10-in. (7.88 m) Arm; 13,447-lb. (6100 kg) Standard Counterweight with Optional 2,205-lb. (1000 kg) Counterweight; and 16-ft. 2-in. (4.94 m) Undercarriage Length with 8-ft 6-in. (2.59 m)-Wide Gauge.....	—	—	64,913 lb. (29 444 kg)

## 200LC-3 Buckets

Type	standard	ditching
Width	30 in. (762 mm)	60 in. (1524 mm)
Capacity, SAE (heaped)	0.50 cu. yd. (0.38 m <sup>3</sup> )	0.85 cu. yd. (0.65 m <sup>3</sup> )*
Weight	800 lb. (363 kg)	890 lb. (404 kg)
Tip Radius	44.7 in. (1135 mm)	37.3 in. (945 mm)
Teeth	six TF23D	none

\*Note: 0.85-cu. yd. bucket restricted to materials below 1,854 lb./cu. yd.

## 240LC-3 Buckets

Type	standard	ditching
Width	30 in. (762 mm)	60 in. (1524 mm)
Capacity, SAE (heaped)	0.50 cu. yd. (0.38 m <sup>3</sup> )	0.85 cu. yd. (0.65 m <sup>3</sup> )*
Weight	800 lb. (363 kg)	890 lb. (404 kg)
Tip Radius	44.7 in. (1135 mm)	37.3 in. (945 mm)
Teeth	six TF23D	none

\*Note: 0.85-cu. yd. bucket restricted to materials below 1,854 lb./cu. yd.

## 270LC-3 Buckets

Type	standard	ditching
Width	30 in. (762 mm)	60 in. (1524 mm)
Capacity, SAE (heaped)	0.5 cu. yd. (0.38 m <sup>3</sup> )	0.9 cu. yd. (0.69 m <sup>3</sup> )*
Weight	800 lb. (363 kg)	1,020 lb. (463 kg)
Tip Radius	44.7 in. (1135 mm)	38.6 in. (981 mm)
Teeth	six TF23D	none

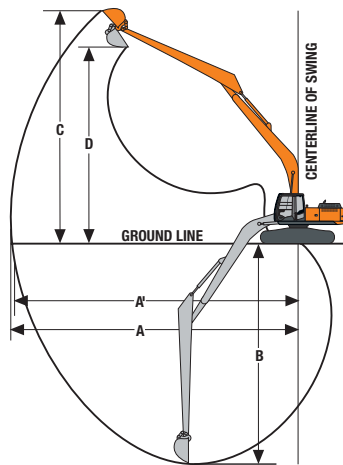
\*Note: 0.9-cu. yd. bucket restricted to materials below 1,854 lb./cu. yd.

# SUPER LONG FRONTS 200LC-3, 240LC-3, 270LC-3 — SPECIFICATIONS

## Operating Information

	200LC-3	240LC-3	270LC-3
Arm Length.....	20 ft. 9 in. (6.33 m)	25 ft. 10 in. (7.88 m)	25 ft. 10 in. (7.88 m)
Arm Force with 30-in. (762 mm) Bucket.....	10,917 lb. (4922 kg)	11,028 lb. (5002 kg)	11,028 lb. (5002 kg)
Bucket Digging Force with 30-in. (762 mm) Bucket.....	17,703 lb. (8030 kg)	17,656 lb. (8009 kg)	17,656 lb. (8009 kg)
Bucket Cutting Edge Tip Radius.....	45 in. (1135 mm)	45 in. (1135 mm)	45 in. (1135 mm)
Lifting Capacity Over Front or Rear			
@ Ground Level 20-ft. (6.1 m) Reach .....	11,260 lb. (5107 kg)	11,640 lb. (5280 kg)	14,520 lb. (6586 kg)
<b>A</b> Maximum Reach.....	50 ft. 4 in. (15 330 mm)	59 ft. 11 in. (18 250 mm)	59 ft. 11 in. (18 250 mm)
<b>A'</b> Maximum Reach @ Ground Level .....	50 ft. (15 220 mm)	59 ft. 7 in. (18 150 mm)	59 ft. 6 in. (18 140 mm)
<b>B</b> Maximum Digging Depth .....	39 ft. 4 in. (11 980 mm)	47 ft. 1 in. (14 350 mm)	47 ft. 4 in. (14 420 mm)
<b>C</b> Maximum Cutting Height .....	44 ft. 3 in. (13 500 mm)	51 ft. 10 in. (15 810 mm)	48 ft. 7 in. (14 820 mm)
<b>D</b> Maximum Dumping Height .....	36 ft. 5 in. (11 100 mm)	44 ft. (13 410 mm)	40 ft. 11 in. (12 460 mm)

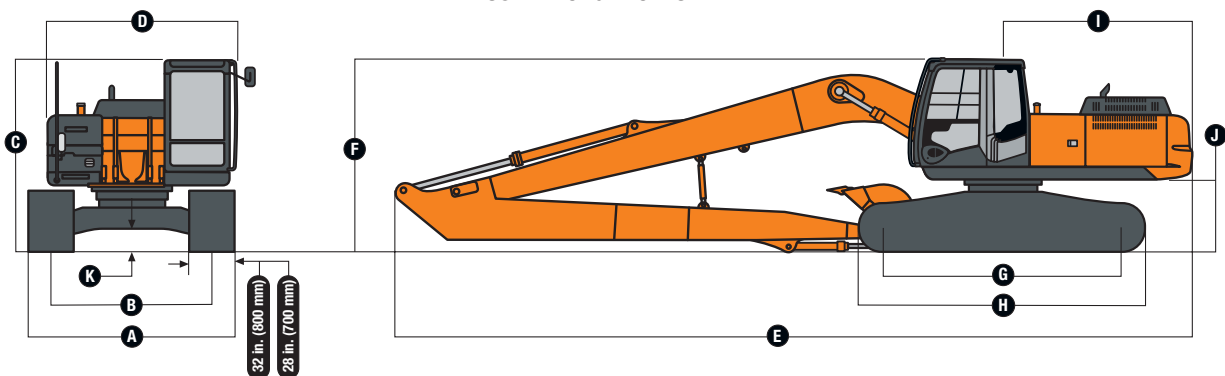
## SUPER LONG FRONTS



## Dimensions

<b>A</b> With 28-in. (700 mm) Semi-Grouser Shoes.....	—	10 ft. 10 in. (3.29 m)	—
With 32-in. (800 mm) Semi-Grouser Shoes.....	10 ft. 6 in. (3.19 m)	11 ft. 1 in. (3.39 m)	11 ft. 1 in. (3.39 m)
<b>B</b> Gauge Width.....	7 ft. 10 in. (2.39 m)	8 ft. 6 in. (2.59 m)	8 ft. 6 in. (2.59 m)
<b>C</b> Cab Height.....	9 ft. 8 in. (2.95 m)	9 ft. 11 in. (3.01 m)	10 ft. 2 in. (3.11 m)
<b>D</b> Upperstructure Width.....	8 ft. 11 in. (2.71 m)	9 ft. 6 in. (2.89 m)	9 ft. 6 in. (2.89 m)
<b>E</b> Overall Length .....	39 ft. 3 in. (12.08 m)	45 ft. 7 in. (13.89 m)	45 ft. 5 in. (13.85 m)
<b>F</b> Transport Height.....	10 ft. 7 in. (3.24 m)	10 ft. 8 in. (3.26 m)	10 ft. 8 in. (3.25 m)
<b>G</b> Distance Between Idler/Sprocket Centerline.....	12 ft. (3.66 m)	12 ft. 7 in. (3.84 m)	13 ft. 3 in. (4.05 m)
<b>H</b> Undercarriage Length .....	14 ft. 8 in. (4.46 m)	15 ft. 3 in. (4.64 m)	16 ft. 2 in. (4.94 m)
<b>I</b> Rear-End Swing Radius .....	9 ft. (2.75 m)	9 ft. 8 in. (2.94 m)	9 ft. 8 in. (2.94 m)
<b>J</b> Counterweight Clearance.....	3 ft. 5 in. (1030 mm)	3 ft. 7 in. (1090 mm)	3 ft. 10 in. (1180 mm)
<b>K</b> Ground Clearance.....	1 ft. 6 in. (450 mm)	1 ft. 6 in. (460 mm)	1 ft. 8 in. (510 mm)

## SUPER LONG FRONTS



# SUPER LONG FRONTS 200LC-3, 240LC-3, 270LC-3 — SPECIFICATIONS

## 200LC-3 Lift Capacities

**Boldface italic** type indicates hydraulic-limited capacities; lightface type indicates stability-limited capacities, in lb. (kg). Ratings at bucket lift hook, machine equipped with 0.50-cu. yd. (0.38 m<sup>3</sup>), 30-in. (762 mm) wide, 835-lb. (379 kg) bucket; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Lift capacities are with power boost and are based on SAE standard J1097.

Load Point Height	10 ft. (3.05 m)		20 ft. (6.10 m)		30 ft. (9.14 m)		40 ft. (12.19 m)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 20-ft. 9-in. (7.88 m) arm, 32-in. (800 mm) shoes, and 1,323-lb. (600 kg) additional counterweight								
30 ft. (9.14 m)							<b>1,700 (771)</b>	<b>1,700 (771)</b>
25 ft. (7.62 m)							<b>3,160 (1433)</b>	<b>3,160 (1433)</b>
20 ft. (6.10 m)							<b>3,890 (1765)</b>	<b>3,890 (1765)</b>
15 ft. (4.57 m)					<b>4,630 (2100)</b>	<b>4,630 (2100)</b>	<b>4,330 (1964)</b>	3,790 (1719)
10 ft. (3.05 m)					<b>5,400 (2449)</b>	<b>5,400 (2449)</b>	<b>4,650 (2109)</b>	3,630 (1647)
5 ft. (1.52 m)			<b>9,340 (4237)</b>	<b>9,340 (4237)</b>	<b>6,240 (2830)</b>	5,740 (2604)	<b>5,010 (2273)</b>	3,460 (1569)
Ground Line	<b>3,310 (1501)</b>	<b>3,310 (1501)</b>	<b>11,260 (5108)</b>	9,600 (4355)	<b>7,040 (3193)</b>	5,340 (2422)	<b>5,360 (2431)</b>	3,290 (1492)
-5 ft. (-1.52 m)	<b>4,780 (2168)</b>	<b>4,780 (2168)</b>	<b>12,570 (5702)</b>	8,920 (4046)	<b>7,700 (3493)</b>	5,020 (2277)	5,320 (2413)	3,150 (1429)
-10 ft. (-3.05 m)	<b>6,760 (3066)</b>	<b>6,760 (3066)</b>	<b>13,250 (6010)</b>	8,560 (3883)	8,010 (3633)	4,800 (2177)	5,220 (2368)	3,050 (1383)
-15 ft. (-4.57 m)	<b>9,090 (4123)</b>	<b>9,090 (4123)</b>	<b>13,380 (6069)</b>	8,430 (3824)	7,890 (3579)	4,690 (2127)	5,190 (2354)	3,020 (1370)
-20 ft. (-6.10 m)	<b>11,850 (5375)</b>	<b>11,850 (5375)</b>	<b>12,980 (5888)</b>	8,480 (3847)	7,880 (3574)	4,680 (2123)	<b>3,520 (1597)</b>	3,080 (1397)
-25 ft. (-7.64 m)	<b>15,280 (6931)</b>	<b>15,280 (6931)</b>	<b>12,000 (5443)</b>	8,670 (3933)	<b>7,590 (3443)</b>	4,790 (2173)		
-30 ft. (-9.14 m)	<b>18,340 (8319)</b>	<b>18,340 (8319)</b>	<b>10,240 (4645)</b>	9,030 (4096)	<b>6,140 (2785)</b>	5,070 (2300)		
-35 ft. (-10.67 m)			<b>7,060 (3202)</b>	<b>7,060 (3202)</b>				

## 240LC-3 Lift Capacities

**Boldface italic** type indicates hydraulic-limited capacities; lightface type indicates stability-limited capacities, in lb. (kg). Ratings at bucket lift hook, machine equipped with 0.50-cu. yd. (0.38 m<sup>3</sup>), 30-in. (762 mm) wide, 835-lb. (379 kg) bucket; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Lift capacities are with power boost and are based on SAE standard J1097.

Load Point Height	10 ft. (3.05 m)		20 ft. (6.10 m)		30 ft. (9.14 m)		40 ft. (12.19 m)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 25-ft. 10-in. (7.88 m) arm, 32-in. (800 mm) shoes, and 3,308-lb. (1500 kg) additional counterweight								
20 ft. (6.10 m)							<b>3,430 (1556)</b>	<b>3,430 (1556)</b>
15 ft. (4.57 m)							<b>3,800 (1724)</b>	<b>3,800 (1724)</b>
10 ft. (3.05 m)					<b>5,150 (2336)</b>	<b>5,150 (2336)</b>	<b>4,230 (1919)</b>	<b>4,230 (1919)</b>
5 ft. (1.52 m)			<b>9,560 (4336)</b>	<b>9,560 (4336)</b>	<b>6,090 (2762)</b>	<b>6,090 (2762)</b>	<b>4,690 (2127)</b>	<b>4,690 (2127)</b>
Ground Line	<b>2,190 (993)</b>	<b>2,190 (993)</b>	<b>11,640 (5280)</b>	<b>11,640 (5280)</b>	<b>7,000 (3175)</b>	<b>7,000 (3175)</b>	<b>5,150 (2336)</b>	4,460 (2023)
-5 ft. (-1.52 m)	<b>3,350 (1520)</b>	<b>3,350 (1520)</b>	<b>13,130 (5956)</b>	11,300 (5126)	7,790 (3533)	6,520 (2957)	<b>5,580 (2531)</b>	4,180 (1896)
-10 ft. (-3.05 m)	<b>4,850 (2200)</b>	<b>4,850 (2200)</b>	<b>14,040 (6368)</b>	10,670 (4840)	8,400 (3810)	6,110 (2771)	<b>5,940 (2694)</b>	3,950 (1792)
-15 ft. (-4.57 m)	<b>6,540 (2966)</b>	<b>6,540 (2966)</b>	<b>14,460 (6559)</b>	10,370 (4704)	8,810 (3996)	5,850 (2654)	<b>6,190 (2808)</b>	3,790 (1719)
-20 ft. (-6.10 m)	<b>8,430 (3824)</b>	<b>8,430 (3824)</b>	<b>14,480 (6568)</b>	10,310 (4677)	9,010 (4087)	5,720 (2595)	6,300 (2858)	3,710 (1683)
-25 ft. (-7.64 m)	<b>10,590 (4804)</b>	<b>10,590 (4804)</b>	<b>14,110 (6400)</b>	10,430 (4731)	8,950 (4060)	5,710 (2590)	<b>6,250 (2835)</b>	3,710 (1683)
-30 ft. (-9.14 m)	<b>13,120 (5951)</b>	<b>13,120 (5951)</b>	<b>13,330 (6046)</b>	10,700 (4853)	8,590 (3896)	5,820 (2640)	<b>5,900 (2676)</b>	3,820 (1733)
-35 ft. (-10.67 m)	<b>16,250 (7371)</b>	<b>16,250 (7371)</b>	<b>12,030 (5457)</b>	11,130 (5048)	7,810 (3543)	6,070 (2753)	<b>4,990 (2263)</b>	4,090 (1855)
-40 ft. (-12.19 m)	<b>17,500 (7938)</b>	<b>17,500 (7938)</b>	<b>9,970 (4522)</b>	<b>9,970 (4522)</b>	<b>6,320 (2867)</b>	<b>6,320 (2867)</b>		

## 270LC-3 Lift Capacities

**Boldface italic** type indicates hydraulic-limited capacities; lightface type indicates stability-limited capacities, in lb. (kg). Ratings at bucket lift hook, machine equipped with 0.50-cu. yd. (0.38 m<sup>3</sup>), 30-in. (762 mm) wide, 835-lb. (379 kg) bucket; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Lift capacities are with power boost and are based on SAE standard J1097.

Load Point Height	10 ft. (3.05 m)		20 ft. (6.10 m)		30 ft. (9.14 m)		40 ft. (12.19 m)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 25-ft. 10-in. (7.88 m) arm, 32-in. (800 mm) shoes, and 2,205-lb. (1000 kg) additional counterweight								
15 ft. (4.57 m)							<b>4,790 (2173)</b>	<b>4,790 (2173)</b>
10 ft. (3.05 m)							<b>5,370 (2436)</b>	<b>5,370 (2436)</b>
5 ft. (1.52 m)			<b>11,810 (5357)</b>	<b>11,810 (5357)</b>	<b>7,620 (3456)</b>	<b>7,620 (3456)</b>	<b>5,990 (2717)</b>	5,660 (2567)
Ground Line	<b>2,200 (998)</b>	<b>2,200 (998)</b>	<b>14,520 (6586)</b>	14,460 (6559)	<b>8,820 (4001)</b>	8,310 (3769)	<b>6,600 (2994)</b>	5,330 (2418)
-5 ft. (-1.52 m)	<b>3,390 (1538)</b>	<b>3,390 (1538)</b>	<b>16,120 (7312)</b>	13,370 (6065)	<b>9,870 (4477)</b>	7,750 (3515)	<b>7,180 (3257)</b>	5,050 (2291)
-10 ft. (-3.05 m)	<b>4,900 (2223)</b>	<b>4,900 (2223)</b>	<b>14,640 (6641)</b>	12,750 (5783)	<b>10,690 (4849)</b>	7,350 (3334)	<b>7,660 (3475)</b>	4,820 (2186)
-15 ft. (-4.57 m)	<b>6,610 (2998)</b>	<b>6,610 (2998)</b>	<b>15,410 (6990)</b>	12,470 (5656)	<b>11,270 (5112)</b>	7,090 (3216)	<b>8,020 (3638)</b>	4,670 (2118)
-20 ft. (-6.10 m)	<b>8,510 (3860)</b>	<b>8,510 (3860)</b>	<b>17,400 (7893)</b>	12,410 (5629)	<b>11,570 (5248)</b>	6,970 (3162)	8,120 (3683)	4,590 (2082)
-25 ft. (-7.64 m)	<b>10,680 (4844)</b>	<b>10,680 (4844)</b>	<b>18,100 (8210)</b>	12,540 (5688)	<b>11,560 (5244)</b>	6,970 (3162)	8,130 (3688)	4,600 (2087)
-30 ft. (-9.14 m)	<b>13,240 (6006)</b>	<b>13,240 (6006)</b>	<b>17,250 (7824)</b>	12,810 (5811)	<b>11,190 (5076)</b>	7,080 (3211)	<b>7,820 (3547)</b>	4,710 (2136)
-35 ft. (-10.67 m)	<b>16,410 (7443)</b>	<b>16,410 (7443)</b>	<b>15,770 (7153)</b>	13,250 (6010)	<b>10,320 (4681)</b>	7,330 (3325)		
-40 ft. (-12.19 m)	<b>19,930 (9040)</b>	<b>19,930 (9040)</b>	<b>13,360 (6060)</b>	<b>13,360 (6060)</b>	<b>8,560 (3883)</b>	7,780 (3529)		

# SUPER LONG FRONTS 350LC-3 — SPECIFICATIONS

## Operating Weights

	<i>350LC-3 (18 m)</i>	<i>350LC-3 (22 m)</i>
With Full Fuel Tank; 175-lb. (79 kg) Operator; and 32-in. (800 mm) Triple Semi-Grouser Shoes		
0.65-cu.-yd. (0.50 m <sup>3</sup> ), 36-in. (914.4 mm)-Wide, 967-lb. (439 kg) Bucket; 24-ft. 8-in. (7.52 m) Arm; 16,314-lb. (7400 kg) Standard Counterweight with Optional 3,500-lb. (1588 kg) Counterweight; and 16-ft. 2-in. (4.95 m) Undercarriage Length with 8-ft. 6-in. (2.59 m)-Wide Gauge .....	79,556 lb. (36 086 kg)	—
0.50-cu.-yd. (0.38 m <sup>3</sup> ), 30-in. (762 mm)-Wide, 835-lb. (379 kg) Bucket; 30-ft. 10-in. (9.40 m) Arm; 16,314-lb. (7400 kg) Standard Counterweight with Optional 3,500-lb. (1588 kg) Counterweight; and 16-ft. 2-in. (4.95 m) Undercarriage Length with 8-ft. 6-in. (2.59 m)-Wide Gauge.....	—	80,306 lb. (36 426 kg)

## 350LC-3 (18 m) Buckets

Type .....	<i>standard</i>	<i>ditching</i>
Width .....	36 in. (914 mm)	60 in. (1524 mm)
Capacity, SAE (heaped) .....	0.65 cu. yd. (0.5 m <sup>3</sup> )	1.44 cu. yd. (1.1 m <sup>3</sup> )*
Weight .....	967 lb. (439 kg)	1,500 lb. (680 kg)
Tip Radius.....	46.9 in. (1190 mm)	46.5 in. (1181 mm)
Teeth .....	seven TF23D	none

*\*Note: 1.44-cu. yd. bucket restricted to materials below 1,854 lb./cu. yd.*

## 350LC-3 (22 m) Buckets

Type .....	<i>standard</i>	<i>ditching</i>
Width .....	36 in. (914 mm)	60 in. (1524 mm)
Capacity, SAE (heaped) .....	0.65 cu. yd. (0.5 m <sup>3</sup> )	0.9 cu. yd. (0.69 m <sup>3</sup> )*
Weight .....	967 lb. (439 kg)	1,020 lb. (463 kg)
Tip Radius.....	46.9 in. (1190 mm)	38.6 in. (981 mm)
Teeth .....	seven TF23D	none

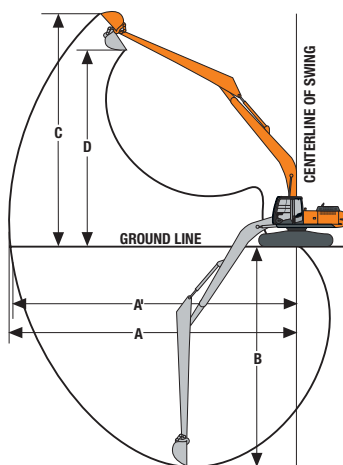
*\*Note: 0.9-cu. yd. bucket restricted to materials below 1,854 lb./cu. yd.*

# SUPER LONG FRONTS 350LC-3 — SPECIFICATIONS

## Operating Information

	350LC-3 (18 m)	350LC-3 (22 m)
Arm Length.....	24 ft. 8 in. (7.52 m)	30 ft. 10 in. (9.40 m)
Arm Force		
With 30-in. (762 mm) Bucket.....	—	13,503 lb. (6125 kg)
With 36-in. (914 mm) Bucket.....	16,345 lb. (7583 kg)	—
Bucket Digging Force		
With 30-in. (762 mm) Bucket.....	—	17,703 lb. (8030 kg)
With 36-in. (914 mm) Bucket.....	20,691 lb. (9385 kg)	—
Bucket Cutting Edge Tip Radius.....	47 in. (1190 mm)	45 in. (1135 mm)
Lifting Capacity Over Front or Rear		
© Ground Level 20-ft. (6.1 m) Reach.....	19,570 lb. (8877 kg)	12,800 lb. (5806 kg)
<b>A</b> Maximum Reach.....	60 ft. (18 280 mm)	72 ft. 3 in. (22 020 mm)
<b>A'</b> Maximum Reach @ Ground Level.....	59 ft. 7 in. (18 150 mm)	71 ft. 11 in. (21 910 mm)
<b>B</b> Maximum Digging Depth.....	46 ft. 5 in. (14 150 mm)	57 ft. 1 in. (17 410 mm)
<b>C</b> Maximum Cutting Height.....	47 ft. 8 in. (14 540 mm)	56 ft. 4 in. (17 170 mm)
<b>D</b> Maximum Dumping Height.....	38 ft. 11 in. (11 880 mm)	48 ft. 8 in. (14 830 mm)

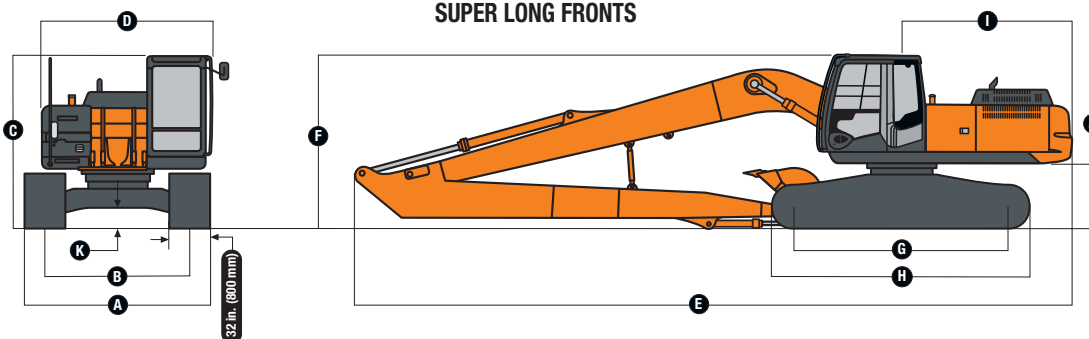
## SUPER LONG FRONTS



## Dimensions

	350LC-3 (18 m)	350LC-3 (22 m)
<b>A</b> With 32-in. (800 mm) Semi-Grouser Shoes.....	11 ft. 1 in. (3.39 m)	11 ft. 1 in. (3.39 m)
<b>B</b> Gauge Width.....	8 ft. 6 in. (2.59 m)	8 ft. 6 in. (2.59 m)
<b>C</b> Cab Height.....	10 ft. 4 in. (3.16 m)	10 ft. 4 in. (3.16 m)
<b>D</b> Upperstructure Width.....	9 ft. 10 in. (2.99 m)	9 ft. 10 in. (2.99 m)
<b>E</b> Overall Length.....	47 ft. 10 in. (14.58 m)	55 ft. 8 in. (16.96 m)
<b>F</b> Transport Height.....	10 ft. 10 in. (3.32 m)	12 ft. 7 in. (3.83 m)
<b>G</b> Distance Between Idler/Sprocket Centerline.....	13 ft. 3 in. (4.05 m)	13 ft. 3 in. (4.05 m)
<b>H</b> Undercarriage Length.....	16 ft. 2 in. (4.95 m)	16 ft. 2 in. (4.95 m)
<b>I</b> Rear-End Swing Radius.....	11 ft. 1 in. (3.39 m)	11 ft. 8 in. (3.56 m)
<b>J</b> Counterweight Clearance.....	3 ft. 10 in. (1160 mm)	3 ft. 10 in. (1160 mm)
<b>K</b> Ground Clearance.....	1 ft. 8 in. (500 mm)	1 ft. 8 in. (500 mm)

## SUPER LONG FRONTS



# SUPER LONG FRONTS 350LC-3 — SPECIFICATIONS

## 350LC-3 (18 m) Lift Capacities

**Boldface italic** type indicates hydraulic-limited capacities; lightface type indicates stability-limited capacities, in lb. (kg). Ratings at bucket lift hook, machine equipped with 0.65-cu. yd. (0.50 m<sup>3</sup>), 36-in. (914.4 mm) wide, 967-lb. (439 kg) bucket; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Lift capacities are with power boost and are based on SAE standard J1097.

Load Point Height	10 ft. (3.05 m)		20 ft. (6.10 m)		30 ft. (9.14 m)		40 ft. (12.19 m)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 24-ft. 8-in. (7.52 m) arm, 32-in. (800 mm) shoes, and 1,764-lb. (800 kg) additional counterweight								
15 ft. (4.57 m)							<b>7,920 (3592)</b>	7,340 (3329)
10 ft. (3.05 m)			<b>12,830 (5820)</b>	<b>12,830 (5820)</b>	<b>10,840 (4917)</b>	<b>10,840 (4917)</b>	<b>8,640 (3919)</b>	6,930 (3143)
5 ft. (1.52 m)			<b>19,780 (8972)</b>	18,160 (8237)	<b>12,350 (5602)</b>	10,310 (4677)	<b>9,370 (4250)</b>	6,520 (2957)
Ground Line	<b>2,500 (1134)</b>	<b>2,500 (1134)</b>	<b>19,570 (8877)</b>	16,360 (7421)	<b>13,710 (6219)</b>	9,510 (4314)	<b>10,060 (4563)</b>	6,130 (2781)
-5 ft. (-1.52 m)	<b>4,810 (2182)</b>	<b>4,810 (2182)</b>	<b>18,810 (8532)</b>	15,280 (6931)	<b>14,780 (6704)</b>	8,890 (4032)	9,850 (4468)	5,790 (2626)
-10 ft. (-3.05 m)	<b>7,330 (3325)</b>	<b>7,330 (3325)</b>	<b>18,310 (8305)</b>	14,740 (6686)	14,480 (6568)	8,460 (3837)	9,580 (4345)	5,540 (2513)
-15 ft. (-4.57 m)	<b>10,080 (4572)</b>	<b>10,080 (4572)</b>	<b>18,200 (8255)</b>	14,550 (6600)	14,200 (6441)	8,200 (3719)	9,400 (4264)	5,380 (2440)
-20 ft. (-6.10 m)	<b>12,200 (5534)</b>	<b>12,200 (5534)</b>	<b>18,400 (8346)</b>	14,590 (6618)	14,100 (6396)	8,100 (3674)	9,330 (4232)	5,310 (2409)
-25 ft. (-7.64 m)	<b>14,160 (6423)</b>	<b>14,160 (6423)</b>	<b>18,790 (8523)</b>	14,820 (6722)	14,140 (6414)	8,150 (3697)	9,370 (4250)	5,350 (2427)
-30 ft. (-9.14 m)	<b>15,940 (7230)</b>	<b>15,940 (7230)</b>	<b>19,260 (8736)</b>	15,220 (6904)	<b>14,120 (6405)</b>	8,340 (3783)	9,550 (4332)	5,520 (2504)
-35 ft. (-10.67 m)	<b>17,500 (7938)</b>	<b>17,500 (7938)</b>	<b>18,060 (8192)</b>	15,810 (7171)	<b>12,240 (5552)</b>	8,690 (3942)		
-40 ft. (-12.19 m)			<b>13,760 (6241)</b>	<b>13,760 (6241)</b>	<b>8,980 (4073)</b>	<b>8,980 (4073)</b>		

## 350LC (22 m) Lift Capacities

**Boldface italic** type indicates hydraulic-limited capacities; lightface type indicates stability-limited capacities, in lb. (kg). Ratings at bucket lift hook, machine equipped with 0.50-cu. yd. (0.38 m<sup>3</sup>), 30-in. (762 mm) wide, 835-lb. (379 kg) bucket; and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. Lift capacities are with power boost and are based on SAE standard J1097.

Load Point Height	20 ft. (6.10 m)		30 ft. (9.14 m)		40 ft. (12.19 m)		50 ft. (15.20 m)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 24-ft. 8-in. (7.52 m) arm, 32-in. (800 mm) shoes, and 1,764-lb. (800 kg) additional counterweight								
20 ft. (6.10 m)							<b>5,280 (2395)</b>	<b>5,280 (2395)</b>
15 ft. (4.57 m)							<b>5,630 (2554)</b>	5,450 (2472)
10 ft. (3.05 m)	<b>11,740 (5325)</b>	<b>11,740 (5325)</b>	<b>9,870 (4477)</b>	<b>9,870 (4477)</b>	<b>7,270 (3298)</b>	<b>7,270 (3298)</b>	<b>6,000 (2722)</b>	5,130 (2327)
5 ft. (1.52 m)	<b>18,160 (8237)</b>	<b>18,160 (8237)</b>	<b>10,910 (4949)</b>	<b>10,910 (4949)</b>	<b>7,950 (3606)</b>	7,120 (3230)	<b>6,390 (2898)</b>	4,810 (2182)
Ground Line	<b>12,800 (5806)</b>	<b>12,800 (5806)</b>	<b>12,090 (5484)</b>	9,960 (4518)	<b>8,600 (3901)</b>	6,590 (2989)	<b>6,760 (3066)</b>	4,510 (2046)
-5 ft. (-1.52 m)	<b>10,880 (4935)</b>	<b>10,880 (4935)</b>	<b>13,040 (5915)</b>	9,150 (4150)	<b>9,160 (4155)</b>	6,120 (2776)	<b>7,090 (3216)</b>	4,240 (1923)
-10 ft. (-3.05 m)	<b>11,010 (4994)</b>	<b>11,010 (4994)</b>	<b>13,710 (6219)</b>	8,570 (3887)	<b>9,610 (4359)</b>	5,750 (2608)	7,180 (3257)	4,010 (1819)
-15 ft. (-4.57 m)	<b>12,000 (5443)</b>	<b>12,000 (5443)</b>	<b>14,100 (6396)</b>	8,200 (3719)	9,670 (4386)	5,470 (2481)	6,990 (3171)	3,840 (1742)
-20 ft. (-6.10 m)	<b>13,510 (6128)</b>	<b>13,510 (6128)</b>	<b>14,210 (6446)</b>	7,990 (3624)	9,480 (4300)	5,290 (2400)	6,870 (3116)	3,720 (1687)
-25 ft. (-7.64 m)	<b>15,420 (6994)</b>	14,340 (6505)	<b>14,100 (6396)</b>	7,920 (3592)	9,380 (4255)	5,200 (2359)	6,810 (3089)	3,670 (1665)
-30 ft. (-9.14 m)	<b>17,740 (8047)</b>	14,600 (6622)	<b>13,700 (6214)</b>	7,970 (3615)	9,380 (4255)	5,200 (2359)	6,830 (3098)	3,690 (1674)
-35 ft. (-10.67 m)	<b>19,180 (8700)</b>	14,990 (6799)	<b>13,000 (5897)</b>	8,130 (3688)	<b>9,410 (4268)</b>	5,290 (2400)	<b>6,920 (3139)</b>	3,790 (1719)
-40 ft. (-12.19 m)	<b>17,280 (7838)</b>	15,510 (7035)	<b>11,930 (5411)</b>	8,400 (3810)	<b>8,620 (3910)</b>	5,480 (2486)	<b>6,030 (2735)</b>	4,000 (1814)
-45 ft. (-13.72 m)	<b>14,770 (6700)</b>	<b>14,770 (6700)</b>	<b>10,380 (4708)</b>	8,800 (3992)	<b>7,340 (3329)</b>	5,800 (2631)		
-50 ft. (-15.20 m)	<b>11,410 (5175)</b>	<b>11,410 (5175)</b>	<b>8,100 (3674)</b>	<b>8,100 (3674)</b>	<b>5,110 (2318)</b>	<b>5,110 (2318)</b>		

# HITACHI

## Control Owning and Operating Costs

Customer Personal Service (CPS) is part of Hitachi's proactive, fix-before-fail strategy on machine maintenance that will help control costs, increase profits, and reduce stress. Included in this comprehensive lineup of ongoing programs and services are:

**Fluid analysis program** – tells you what's going on inside all of your machine's major components so you'll know if there's a problem before you see a decline in performance. Fluid analysis is included in most extended coverage and preventive-maintenance agreements.

**Component life-cycle data** – gives you vital information on the projected life span of components and lets you make informed decisions

on machine maintenance by telling you approximately how many hours of use you can expect from an engine, transmission, or hydraulic pump. This information can be used to preempt catastrophic downtime by servicing major components at about 80 percent of their life cycle.

**Preventive Maintenance (PM) agreements** – give you a fixed cost for maintaining a machine for a given period of time. They also help you avoid downtime by ensuring that critical maintenance work gets done right and on schedule. On-site preventive maintenance service performed where and when you need it helps protect you from the expense of catastrophic failures and lets you avoid waste-disposal hassles.

**Extended coverage** – gives you a fixed cost for machine repairs for a given period of time so you can effectively manage costs. Whether you

work in a severe-service setting or just want to spread the risk of doing business, this is a great way to custom-fit coverage for your operation. And an extended coverage contract also travels well because it's backed by Hitachi and is honored by all Hitachi construction dealers.

**Customer Support Advisors (CSAs)** – Hitachi believes the CSA program lends a personal quality to Customer Personal Service (CPS). Certified CSAs have the knowledge and skills for helping make important decisions on machine maintenance and repair. Their mission is to help you implement a plan that's right for your business and take the burden of machine maintenance off your shoulders.