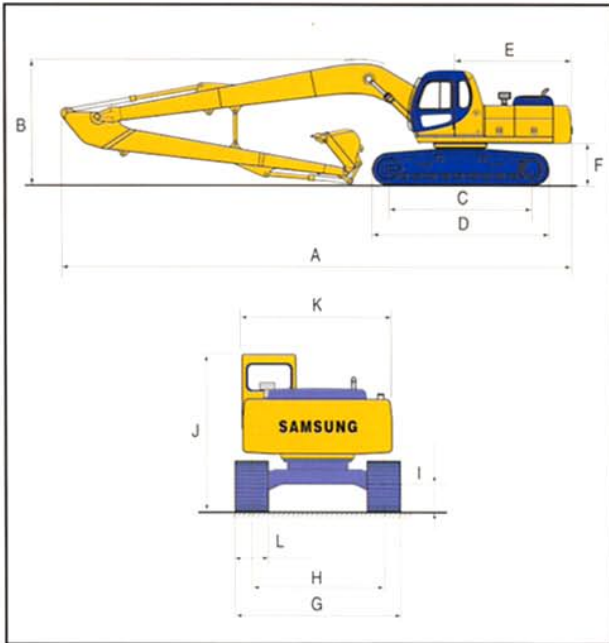




SE210LC-3
SE240LC-3
LONG REACH EXCAVATOR

DIMENSIONS & SPECIFICATIONS

DIMENSIONS



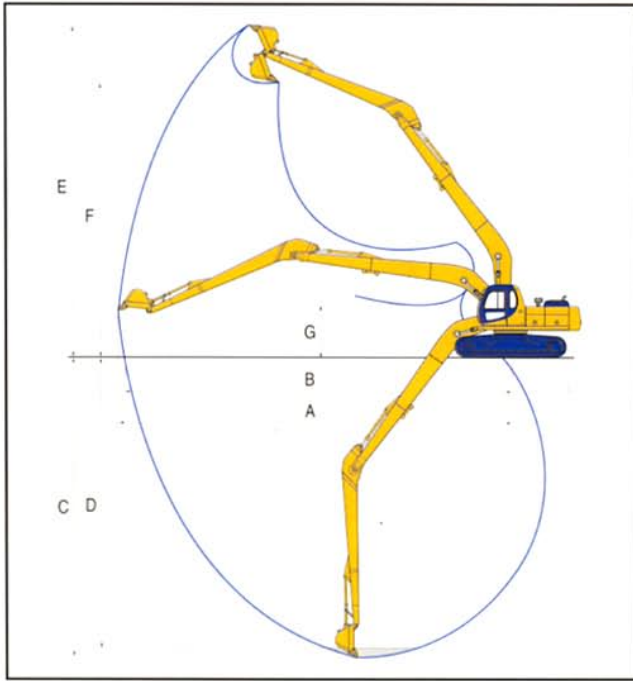
| Description | Unit | SE210LC-3 | SE240LC-3 |
|-----------------------------|-----------|----------------|----------------|
| Overall length (A) | ft-in(mm) | 42' 0" (12810) | 47' 3" (14390) |
| Overall height (B) | ft-in(mm) | 10' 4" (3150) | 10' 5" (3170) |
| Tumbler length (C) | ft-in(mm) | 12' 0" (3660) | 12' 8" (3850) |
| Track length (D) | ft-in(mm) | 14' 8" (4460) | 15' 3" (4650) |
| Tail swing radius (E) | ft-in(mm) | 9' 4" (2850) | 9' 10" (3000) |
| Counterweight clearance (F) | ft-in(mm) | 3' 4" (1025) | 3' 7" (1080) |
| Overall width (G) | ft-in(mm) | 10' 6" (3190) | 11' 1" (3390) |
| Track gauge (H) | ft-in(mm) | 7' 10" (2390) | 8' 6" (2590) |
| Min. ground clearance (I) | ft-in(mm) | 18" (460) | 19" (480) |
| Overall height of cab (J) | ft-in(mm) | 9' 6" (2900) | 9' 10" (2990) |
| Upper frame width (K) | ft-in(mm) | 8' 11" (2710) | 9' 4" (2840) |
| Shoe width (L) | ft-in(mm) | 32" (800) | 32" (800) |

SPECIFICATIONS

| Description | Unit | SE210LC-3 | SE240LC-3 | |
|----------------------------|-----------------------------------|--|--|--|
| Operating weight | lb (kg) | 49740 (22560) | 57850 (26240) | |
| Bucket capacity (SAE/CECE) | yd ³ (m ³) | 0.69/0.59 (0.53/0.45) | 0.69/0.59 (0.53/0.45) | |
| Engine | Model | Cummins B5.9-C | Cummins C8.3-C | |
| | Type | Water cooled 6 cylinders | Water cooled 6 cylinders | |
| | Flywheel horsepower | hp/ps/kW | 143/145/107 at 1900rpm | 168/170/125 at 2000rpm |
| | Max. torque | lb-ft (kg-m) | 456 (63) at 1500rpm | 553 (76.5) at 1500rpm |
| | Fuel tank capacity | gal (l) | 92 (350) | 92 (350) |
| Hydraulic system | Type | Variable displacement axial piston pump × 2 Gear pump × 1 | | |
| | System pressure | psi (kg/cm ²) | <ul style="list-style-type: none"> • 4450/4980 (320/350) • Arm, bucket: 3910 (275) | <ul style="list-style-type: none"> • 4450/4980 (320/350) • Arm, bucket: 3910 (275) |
| | Max. flow rate | gpm (lpm) | 2 × 53 (2 × 200) | 2 × 61 (2 × 230) |
| Performance | Swing speed | rpm | 11.6 | 11.9 |
| | Travel speed | mph (km/h) | 3.4 (5.5) | 3.4 (5.5) |
| | Gradeability | deg (%) | 35 (70) | 35 (70) |
| | Max. tractive effort | lb (kg) | 41290 (18730) | 46920 (21282) |
| | Max. bucket digging force | lb (kg) | 15430 (7000) | 15430 (7000) |
| | Max. arm digging force | lb (kg) | 9920 (4500) | 9920 (4500) |
| | Ground pressure | psi (kg/cm ²) | 4.98 (0.35) | 5.55 (0.39) |
| Counterweight | lb (kg) | 10360 (4700) | 12680 (5750) | |

SE210LC-3/SE240LC-3

WORKING RANGES



| Description | Unit | SE210LC-3 | SE240LC-3 |
|----------------------------------|------------|-----------------|-----------------|
| Boom length | ft-in (mm) | 29' 0" (8850) | 33' 6" (10200) |
| Arm length | ft-in (mm) | 20' 6" (6250) | 25' 9" (7850) |
| Max. digging reach (A) | ft-in (mm) | 51' 10" (15810) | 60' 0" (18310) |
| Max. digging reach on ground (B) | ft-in (mm) | 51' 7" (15710) | 59' 9" (18210) |
| Max. digging depth (C) | ft-in (mm) | 39' 8" (12100) | 47' 1" (14350) |
| Max. digging depth 8' level (D) | ft-in (mm) | 39' 4" (11990) | 46' 8" (14230) |
| Max. cutting height (E) | ft-in (mm) | 43' 8" (13300) | 48' 10" (14890) |
| Max. dumping height (F) | ft-in (mm) | 35' 11" (10950) | 41' 3" (12580) |
| Min. dumping height (G) | ft-in (mm) | 6' 9" (2050) | 6' 2" (1880) |
| Max. bucket digging force | lb (kg) | 15430 (7000) | 15430 (7000) |
| Max. arm digging force | lb (kg) | 9920 (4500) | 9920 (4500) |

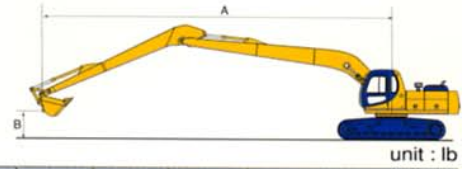
STANDARD EQUIPMENT

- Air cleaner
- Adjustable monitor
- Air conditioner
- Alternator(50A)
- Automatic travel system
- Automatic idling system
- Automatic deaeration system
- Auxiliary hydraulic valve
- Batteries
- Battery sealing cover
- Boom/arm holding valve
- Bucket cylinder cushion
- Dampening cab mounts
- Engine restart prevention circuit
- Hydraulic track adjusters
- Integrated mode selection system
- Joysticks, pilot-operated
- Cab, all-weather sound suppressed, Includes :
 - Ashtray
 - Cigar lighter
 - Door locks
 - Floor mat
 - Horn
 - Hot & cool box
 - Pull-up type front window
 - Removable lower windshield
 - Seat
 - Seat belt
 - Safety glasses
 - Windshield wiper with Intermittent feature
- Lights :
 - Frame mounted, two
 - Boom mounted, two
- Low emission engine
- Master switch
- Mirrors
- One touch power boost
- Safe engine start/stop function
- Self-diagnostic system
- Sealed & greased track
- Starting motor(24 volt)
- Stereo cassette radio (AM/FM)
- Straight travel circuit
- Tilttable oil cooler
- Tool box, locking
- Track guards
- Travel alarm
- Water separator, fuel line

OPTIONAL EQUIPMENT

- Air heater
- Automatic greasing system
- Block heater : 120V, 240V
- Cab guard
- Falling object guard (FOG)
- Fuel filler pump
- Fuel warmer
- Heater
- Overload warning device
- Precleaner
- Purifier
- Rubber pads mounted on track shoes
- Spare parts
- Tool kit
- Vandalism kit

LIFTING CAPACITY



SE210LC-3 Boom : 29 ft Bucket : 0.69 yd³ Shoe : 32"

unit : lb

| B | A | 0 ft | 5 ft | 10 ft | 15 ft | 20 ft | 25 ft | 30 ft | 35 ft | 40 ft | 45 ft | 50 ft | 55 ft | Max. Reach | |
|-------|------------|----------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|-------|----------------|----------|
| 35 ft | Front Side | | | | | | | | | | | | | *950 *950 | 38.13 ft |
| 30 ft | Front Side | | | | | | | | | *1860 *1860 | | | | *870 *870 | 41.53 ft |
| 25 ft | Front Side | | | | | | | | | *3140 *3140 | | | | *830 *830 | 44.10 ft |
| 20 ft | Front Side | | | | | | | | *3430 *3430 | *3340 *3340 | *1600 *1600 | | | *830 *830 | 45.97 ft |
| 15 ft | Front Side | | | | | | | *4090 *4090 | *3790 *3790 | *3570 3280 | *2570 2430 | | | *860 *860 | 47.24 ft |
| 10 ft | Front Side | | | *5390 *5390 | | *6990 *6990 | *5510 *5510 | *4730 *4730 | *4210 4130 | *3860 3080 | *3260 2300 | | | *920 *920 | 47.95 ft |
| 5 ft | Front Side | | *4760 *4760 | *12480 *12480 | *8540 *8540 | *6580 *6580 | *5420 5090 | *4670 3830 | *4170 2890 | *3720 2160 | | | | *1010 *1010 | 48.12 ft |
| 0 ft | Front Side | | *4460 *4460 | *9640 *9640 | *10090 8570 | *7570 6210 | *6080 4650 | *5130 3530 | *4480 2700 | 3920 2040 | | | | *1140 *1140 | 47.77 ft |
| 5 ft | Front Side | | *3980 *3980 | *4110 *4110 | *8490 *8490 | *11190 7820 | *8370 5690 | *6650 4290 | *5530 3290 | 4710 1940 | *3790 1940 | | | *1440 *1440 | 46.88 ft |
| 10 ft | Front Side | *5330 *5330 | *4420 *4420 | *5690 *5690 | *9240 *9240 | *11810 7410 | *8910 5340 | *7070 4030 | 5690 3100 | 4580 2410 | *2660 1880 | | | *2060 1850 | 45.41 ft |
| 15 ft | Front Side | *6410 *6410 | *6010 *6010 | *7430 *7430 | *10790 *10790 | *12000 7250 | *9160 5170 | 7070 3880 | 5580 3000 | 4520 2350 | | | | *2900 2030 | 43.31 ft |
| 20 ft | Front Side | *6670 *6670 | *7690 *7690 | *9350 *9350 | *12890 11480 | *11800 7270 | *9110 5140 | 7030 3850 | 5560 2980 | 4550 2380 | | | | *4160 2330 | 40.49 ft |
| 25 ft | Front Side | | *9500 *9500 | *11540 *11540 | *14920 11820 | *11160 7450 | *8710 5240 | *6950 3920 | *5580 3070 | | | | | *5120 2850 | 36.76 ft |
| 30 ft | Front Side | | *11490 *11490 | *14090 *14090 | *13170 12350 | *9990 7780 | *7810 5480 | *6210 4150 | | | | | | *5560 3800 | 31.81 ft |
| 35 ft | Front Side | | | | *10420 *10420 | *7960 *7960 | | | | | | | | *6070 5980 | 24.90 ft |

SE240LC-3 Boom : 33 ft 6 in Bucket : 0.69 yd³ Shoe : 32"

unit : lb

| B | A | 0 ft | 5 ft | 10 ft | 15 ft | 20 ft | 25 ft | 30 ft | 35 ft | 40 ft | 45 ft | 50 ft | 55 ft | Max. Reach | |
|-------|------------|----------------|------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|
| 40 ft | Front Side | | | | | | | | | | | | | *1150 *1150 | 44.91 ft |
| 35 ft | Front Side | | | | | | | | | | *2310 *2310 | | | *1080 *1080 | 48.30 ft |
| 30 ft | Front Side | | | | | | | | | | *3010 *3010 | *1510 *1510 | | *1040 *1040 | 50.98 ft |
| 25 ft | Front Side | | | | | | | | | | *3130 *3130 | *2370 *2370 | | *1040 *1040 | 53.04 ft |
| 20 ft | Front Side | | | | | | | | | *3480 *3480 | *3330 *3330 | *3030 2780 | | *1060 *1060 | 54.57 ft |
| 15 ft | Front Side | | | | | | | *4150 *4150 | *3820 *3820 | *3580 3470 | *3400 2620 | *1480 *1480 | *1110 *1110 | 55.60 ft | |
| 10 ft | Front Side | | | | | *6390 *6390 | *5390 *5390 | *4710 *4710 | *4220 *4220 | *3860 3240 | *3600 2440 | *1920 1810 | *1190 *1190 | 56.17 ft | |
| 5 ft | Front Side | | | *3470 *3470 | *14780 *14780 | *10080 *10080 | *7670 *7670 | *6240 5070 | *5300 3900 | *4640 2990 | *4170 2270 | *3820 2270 | *2160 1690 | *1310 *1310 | 56.28 ft |
| 0 ft | Front Side | | | *2580 *2580 | *7990 *7990 | *11910 10790 | *8870 7890 | *7060 5970 | *5880 4590 | *5060 3560 | *4470 2750 | 4030 2100 | *2150 1580 | *1460 *1460 | 55.95 ft |
| 5 ft | Front Side | | *2240 *2240 | *3400 *3400 | *6850 *6850 | *13240 9640 | *9840 7080 | *7760 5390 | *6400 4180 | *5450 3260 | 4740 2540 | 3880 1960 | *1810 1480 | *1670 1470 | 55.15 ft |
| 10 ft | Front Side | *4090 *4090 | *3460 *3460 | *4540 *4540 | *7260 *7260 | *12940 8960 | *10540 6520 | *8320 4960 | *6820 3850 | 5570 3020 | 4560 2370 | 3760 1840 | | *2100 1510 | 53.88 ft |
| 15 ft | Front Side | *4540 *4540 | *4710 *4710 | *5820 *5820 | *8270 *8270 | *13130 8640 | *10950 6190 | 8430 4680 | 6660 3630 | 5390 2850 | 4430 2250 | 3690 1770 | | *2670 1610 | 52.09 ft |
| 20 ft | Front Side | *5580 *5580 | *6010 *6010 | *7220 *7220 | *9640 *9640 | *14260 8550 | 10930 6040 | 8270 4530 | 6530 3500 | 5290 2760 | 4370 2190 | | | *3450 1780 | 49.74 ft |
| 25 ft | Front Side | *6730 *6730 | *7380 *7380 | *8760 *8760 | *11310 *11310 | *14020 8650 | *10920 6050 | 8250 4510 | 6500 3480 | 5280 2750 | 4400 2210 | | | 4150 2070 | 46.73 ft |
| 30 ft | Front Side | | *8840 *8840 | *10460 *10460 | *13330 *13330 | *13270 8900 | *10440 6200 | 8350 4600 | 6590 3560 | 5380 2840 | | | | 4850 2530 | 42.92 ft |
| 35 ft | Front Side | | *10430 *10430 | *12390 *12390 | 15010 | *12040 9310 | *9550 6480 | *7710 4830 | *6250 3760 | | | | | *5450 3300 | 38.07 ft |
| 40 ft | Front Side | | | | *13130 *13130 | *10170 9910 | *8070 6940 | *6410 5220 | | | | | | *5890 4800 | 31.70 ft |

Notes : 1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards. 2. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

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Equipment Group

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