

DX300LC SLR

Engine Power : DIN 6271, net 147kw (200ps) / 1,900rpm
SAE J1349, net 147kw (197HP) / 1,900rpm

Operating Weight : 30,000kg (111,800 lb) - STD.

Bucket Capacity(SAE) : 0.64m³ (0.84cu.yd)



Technical Data

Engine

| | |
|----------------------------|-------------------------|
| Model | DOOSAN DL06 |
| Rated flywheel horse power | |
| DIN6271.net | 147KW(200PS)at 1,900rpm |
| SAEJ1349.net | 147KW(197HP)at 1,900rpm |
| Piston Displacement | 7,640cc(466cu.in) |

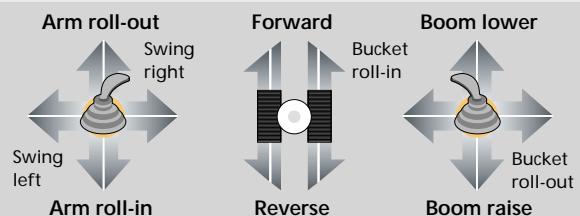
Hydraulic System

e-EPOS (Electronic Power Optimizing System) allows the operator to maximize work efficiency over a full range of operating conditions and to minimize fuel consumption.

- Hydraulic system assures fully independent and combined operations.
- Automatic 2 speed travel system for high traction force and travel speed.
- Cross-sensing and fuel saving pump system.
- Auto idle system.
- 2-Working / 2-power mode selection system.
- Computer aided engine-pump control.

| | |
|--------------------|--|
| Main pumps | Tandem, axial piston |
| Max.oil flow | 2 X 247 l/min (2 X 65.3 US gpm, 2 X 54.3 Imp gpm) |
| Main relief valves | |
| Boom/Arm/Bucket | Normal: 324bar (4,690psi, 330kgf/cm ²) Power Boost: 343bar(4,970psi, 350kgf/cm ²) |
| Travel circuit | 324bar(4,690psi, 330kgf/cm ²) |

Controls. 2 Implement levers

| | |
|---|-----------------|
| Lever control type | Hydraulic pilot |
| Lever pattern | ISO |
| | |
|  | |

Hydraulic cylinders

Tractor type undercarriage. Heavy-duty track frame, all welded stress-relieved structure. Top grade materials are used for toughness. Side frames are welded, securely and rigidly, to the track frame. Lifetime-lubricated track rollers, idlers with floating seals and sprockets. Track shoes of induction-hardened rolled alloy with triple grousers. Specially heat-treated connecting pins. Track adjusters with shock-absorbing recoil springs.

Using retract chassis ≥50 tons class to achieve high stability and productivity.

| | |
|------------------|-----------------|
| Shoe width | 600mm (2') |
| Tumbler distance | 4,050mm (13'3") |

Weight

Equipped with 10.0m(32'10")boom, 7.0m(22'12")arm, and 0.64m³ (0.84yd³; PCSA heaped) bucket and 600mm(24") shoes.

| Shoe type | shoe width | Operating weight | Ground pressure |
|----------------|----------------------|------------------------|--|
| Triple grouser | 600mm(24") (Std.) | 30,000kg (66,140lb) | 0.57kgf/cm ² (56kpa, 8.1psi) |
| | 700mm(28") (Opt.) | 30,500kg (67,240lb) | 0.50kgf/cm ² (49kpa, 7.1psi) |
| | 800mm(32") (Opt.) | 30,900kg (68,120lb) | 0.44kgf/cm ² (43kpa, 6.3psi) |
| | 850mm(34") (Opt.) | 31,200kg (68,790lb) | 0.42kgf/cm ² (41kpa, 6.0psi) |

Service refill capacities

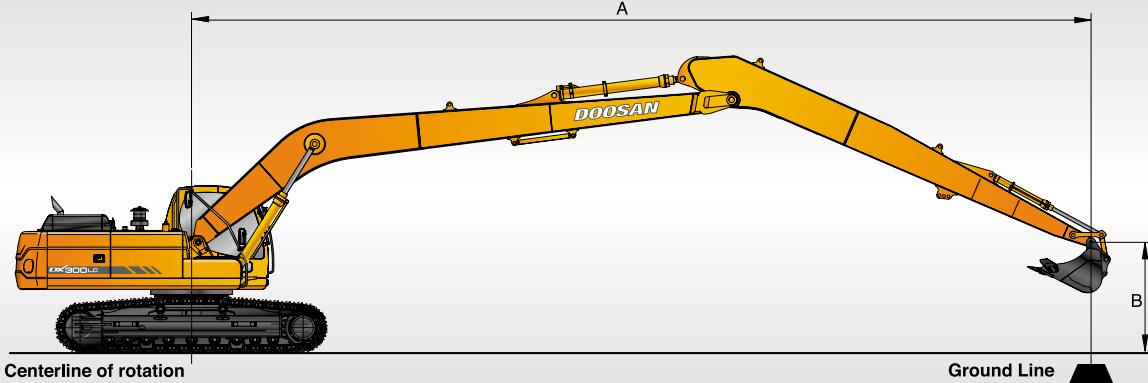
| | Liters | US gal | Imp gal |
|-------------------|--------|--------|---------|
| Fuel tank | 500 | 132.1 | 110 |
| Cooling system | 35 | 9.2 | 7.7 |
| Lubrication | Liters | US gal | Imp gal |
| Engine oil | 36 | 9.5 | 7.9 |
| Swing drive(each) | 6 | 1.5 | 1.3 |
| Final drive(each) | 7 | 1.8 | 1.5 |
| Hydraulic tank | 280 | 74 | 61.6 |

Buckets

| Capacity | | Width | | Weight | Recommendation |
|-----------------------------------|-----------------------------------|-------------------------|----------------------|-------------------|--|
| PCSA, heaped | CECE heaped | Without side cutters | With side cutters | | 10.0m (32'10") Boom 7.0m (22'12") Arm |
| 0.64m ³ (0.84cu.yd) | 0.55m ³ (0.72cu.yd) | 1,083mm (43") | 1,167mm (46") | 445kg (981 lb) | - |

Lifting Capacities

 Standard



Metric

Boom : 10,000mm(32'10") Arm : 7,000mm(22'12") Bucket : SAE 0.64m³ HEAPED(CECE 0.55m³) Shoe : 600mm(2') Unit : 1,000kg

| A(m) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | Max. Reach | |
|-----------|-------|-------|--------|--------|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|---|---|
| B(m) | | | | | | | | | | | | | | | | A(m) | |
| 12 | | | | | | | | | | | | | | | | *1.42 *1.42 13.01 | |
| 11 | | | | | | | | | | | | | | | | *1.41 *1.41 13.73 | |
| 10 | | | | | | | | | | | | | | | | *1.42 *1.42 14.34 | |
| 9 | | | | | | | | | | | | | | | | *1.43 *1.43 14.86 | |
| 8 | | | | | | | | | | | | | | | | *1.45 *1.45 15.29 | |
| 7 | | | | | | | | | | | | | | | | *1.48 *1.48 15.65 | |
| 6 | | | | | | | | | | | | | | | | *1.51 *1.51 15.94 | |
| 5 | | | | | | | | | | | | | | | | *1.56 *1.56 16.16 | |
| 4 | | | | | | | | | | | | | | | | *1.60 *1.61 16.31 | |
| 3 | *3.83 | *3.83 | *9.49 | *9.49 | *7.11 | *7.11 | *5.75 | *5.75 | *4.89 | *4.89 | *4.30 | *3.87 | *3.87 | *3.55 | *3.55 | *1.67 *1.67 16.40 | |
| 2 | *1.70 | *1.70 | *5.35 | *5.35 | *8.52 | *8.52 | *6.72 | *6.72 | *5.59 | *5.59 | *4.82 | *4.82 | *4.27 | *4.21 | *2.41 | *2.41 1.76 | *1.44 *1.44 16.43 |
| 1 | *1.62 | *1.62 | *3.85 | *3.85 | *7.72 | *7.72 | *7.58 | *7.03 | *6.23 | *5.71 | *5.32 | *4.75 | *4.66 | *4.01 | *4.18 | *3.43 | *3.80 *2.96 *3.51 *2.57 *2.28 *2.24 *3.10 *1.95 *2.87 *1.71 *2.47 *1.50 *1.82 *1.42 *1.40 |
| 0(Ground) | *2.02 | *2.02 | *3.60 | *3.60 | *6.26 | *6.26 | *8.29 | *6.66 | *6.79 | *5.43 | *5.76 | *4.53 | *5.02 | *3.84 | *4.46 | *3.29 | *4.04 *2.85 *3.71 *2.48 *3.44 *2.16 *3.17 *1.90 *2.83 *1.67 *2.46 *1.47 *1.92 *1.41 *1.61 *1.31 |
| -1 | *1.96 | *1.96 | *2.57 | *2.57 | *3.81 | *3.81 | *5.89 | *5.89 | *8.83 | *6.39 | *7.25 | *5.20 | *6.14 | *4.34 | *5.33 | *3.69 | *4.72 *3.17 *4.25 *2.75 *3.88 *2.40 *3.50 *2.10 *3.11 *1.85 *2.79 *1.63 *2.34 *1.44 *2.04 *1.41 *1.61 |
| -2 | *2.61 | *2.61 | *3.16 | *3.16 | *4.23 | *4.23 | *6.00 | *6.00 | *8.93 | *6.21 | *7.61 | *5.03 | *6.46 | *4.20 | *5.60 | *3.56 | *4.95 *3.07 *4.41 *2.66 *3.88 *2.33 *3.44 *2.05 *3.07 *1.80 *2.75 *1.60 *2.18 *1.43 *1.59 *1.93 |
| -3 | *3.26 | *3.26 | *3.80 | *3.80 | *4.78 | *4.78 | *6.37 | *6.37 | *8.96 | *6.09 | *7.87 | *4.92 | *6.70 | *4.09 | *5.79 | *3.47 | *4.98 *2.99 *4.34 *2.60 *3.82 *2.27 *3.39 *2.00 *3.03 *1.77 *2.73 *1.57 *2.34 *1.46 *1.56 *1.95 |
| -4 | *3.91 | *3.91 | *4.46 | *4.46 | *5.41 | *5.41 | *6.92 | *6.92 | *9.33 | *6.03 | *8.03 | *4.84 | *6.78 | *4.02 | *5.72 | *3.40 | *4.91 *2.93 *4.28 *2.55 *3.77 *2.23 *3.36 *1.97 *3.01 *1.75 *2.71 *1.56 *2.54 *1.51 *1.59 *1.95 |
| -5 | *4.58 | *4.58 | *5.17 | *5.17 | *6.12 | *6.12 | *7.61 | *7.61 | *9.64 | *6.00 | *8.11 | *4.81 | *6.73 | *3.98 | *5.67 | *3.36 | *4.87 *2.89 *4.25 *2.51 *3.75 *2.21 *3.34 *1.95 *3.00 *1.74 *2.75 *1.59 *1.48 *1.45 *1.85 |
| -6 | *5.28 | *5.28 | *5.91 | *5.91 | *6.90 | *6.90 | *8.42 | *7.93 | *9.58 | *6.02 | *8.10 | *4.80 | *6.72 | *3.96 | *5.65 | *3.35 | *4.85 *2.87 *3.17 *2.50 *3.75 *2.20 *3.35 *1.96 *2.71 *1.56 *2.71 *1.56 *2.75 *1.59 *1.48 *1.45 *1.85 |
| -7 | *6.02 | *6.02 | *6.71 | *6.71 | *7.77 | *7.77 | *9.37 | *8.01 | *9.41 | *6.06 | *8.00 | *4.82 | *6.73 | *3.97 | *5.66 | *3.35 | *4.86 *2.88 *4.24 *2.50 *3.75 *2.20 *3.35 *1.96 *2.71 *1.56 *2.71 *1.56 *2.75 *1.59 *1.48 *1.45 *1.85 |
| -8 | *6.80 | *6.80 | *7.57 | *7.57 | *8.73 | *8.73 | *10.48 | *8.11 | *9.14 | *6.13 | *7.81 | *4.88 | *6.77 | *4.01 | *5.69 | *3.38 | *4.88 *2.90 *4.26 *2.53 *3.78 *2.23 *3.39 *2.00 *3.03 *1.77 *2.73 *1.57 *2.34 *1.46 *1.56 *1.95 |
| -9 | *7.63 | *7.63 | *8.51 | *8.51 | *8.51 | *8.51 | *9.82 | *9.82 | *10.40 | *8.25 | *8.75 | *6.23 | *7.50 | *4.95 | *6.53 | *4.07 | *5.73 *3.43 *4.94 *2.95 *4.32 *2.58 *3.84 *2.29 *2.00 *3.03 *1.77 *2.73 *1.57 *2.34 *1.46 *1.56 *1.95 |
| -10 | *8.52 | *8.52 | *9.55 | *9.55 | *11.05 | *11.05 | *9.70 | *8.43 | *8.21 | *6.37 | *7.06 | *5.06 | *6.15 | *4.16 | *5.39 | *3.52 | *4.73 *3.03 *4.13 *2.66 *3.03 *2.71 *3.37 *2.31 *3.00 *2.71 *1.56 *2.03 *2.61 *1.11 *2.11 *1.11 |
| -11 | *9.46 | *9.46 | *10.69 | *10.69 | *10.61 | *10.61 | *8.79 | *8.66 | *7.47 | *6.54 | *6.44 | *5.21 | *5.60 | *4.29 | *4.87 | *3.63 | |
| -12 | | | *11.29 | *11.29 | *9.08 | *9.06 | *7.58 | *7.58 | *6.46 | *6.46 | *5.55 | *5.40 | *4.76 | *4.47 | | | |
| -13 | | | | | | | | | | | | | | | | *4.40 *4.12 *8.49 *4.40 *4.12 *8.49 *4.57 *4.57 *6.52 | |

Feet

Unit : 1,000lb

| A(ft) | 10' | 15' | 20' | 25' | 30' | 35' | 40' | 45' | 50' | Max. Reach |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| B(ft) | | | | | | | | | | A(ft) |
| 40 | | | | | | | | | | *3.14 *3.14 42'19" |
| 35 | | | | | | | | | | *3.12 *3.12 45'74" |
| 30 | | | | | | | | | | *3.15 *3.15 48'52" |
| 25 | | | | | | | | | | *3.22 *3.22 50'64" |
| 20 | | | | | | | | | | *3.33 *3.33 52'20" |
| 15 | | | | | | | | | | *3.44 *3.44 53'25" |
| 10 | *9.61 | *9.61 | *17.33 | *17.33 | *12.36 | *12.36 | *9.86 | *8.38 | *7.43 | *6.77 *5.87 *4.99 *5.71 *3.99 *3.48 *3.26 *53'80" |
| 5 | *3.67 | *3.67 | *15.12 | *15.12 | *15.44 | *15.44 | *11.79 | *11.53 | *9.68 | *8.86 *8.33 *6.99 *7.42 *5.61 *6.78 *4.55 *6.21 *3.70 *3.92 *3.15 *53'89" |
| 0(Ground) | *4.59 | *4.59 | *10.90 | *10.90 | *17.89 | *14.38 | *13.48 | *10.67 | *10.86 | *8.27 *9.19 *6.58 *8.05 *5.32 *7.21 *4.34 *6.07 *3.56 *4.24 *3.11 *53'51" |
| -5 | *6.42 | *6.42 | *10.97 | *10.97 | *19.56 | *13.56 | *14.78 | *10.04 | *11.85 | *7.80 *9.93 *6.24 *8.42 *5.07 *7.03 *4.17 *5.95 *3.45 *4.65 *3.13 *52'65" |
| -10 | *8.52 | *8.52 | *12.40 | *12.40 | *20.49 | *13.12 | *15.68 | *9.63 | *12.47 | *7.47 *9.99 *5.98 *8.22 *4.88 *6.89 *4.04 *5.87 *3.37 *5.18 *3.23 *51'28" |
| -15 | *10.79 | *10.79 | *14.51 | *14.51 | *20.87 | *12.95 | *15.99 | *9.42 | *12.25 | *7.28 *9.82 *5.83 *8.09 *4.77 *6.81 *3.96 *6.44 *3.74 *4.68 *3.11 *46'85" |
| -20 | *13.28 | *13.28 | *17.14 | *17.14 | *20.73 | *12.96 | *15.93 | *9.37 | *12.18 | *7.21 *9.75 *5.76 *8.05 *4.73 *6.81 *3.96 *6.44 *3.74 *46'85" |
| -25 | *16.05 | *16.05 | *20.35 | *20.35 | *20.09 | *13.13 | *15.90 | *9.45 | *12.22 | *7.25 *9.79 *5.80 *8.11 *4.78 *6.81 *3.96 *6.44 *3.74 *46'85" |
| -30 | *19.20 | *19.20 | *24.30 | *21.05 | *18.85 | *13.46 | *15.05 | *9.67 | *12.32 | *7.42 *9.96 *5.96 *8.11 *4.78 *6.81 *3.96 *6.44 *3.74 *46'85" |
| -35 | *22.84 | *22.84 | *21.73 | *21.73 | *16.81 | *13.95 | *13.48 | *10.04 | *10.95 | *7.74 *8.11 *4.78 *6.81 *3.96 *6.44 *3.74 *46'85" |
| -40 | *23.58 | *23.58 | *17.30 | *17.30 | *13.52 | *13.52 | *10.68 | *10.65 | | |

1. RATINGS ARE BASED ON SAE J1097

2. THE LOAD POINT IS A HOOK LOCATED ON THE BACK OF THE BUCKET.

3. * RATED LOADS ARE BASED ON HYDRAULIC CAPACITY.

4. RATED LOADS DO NOT EXCEED 87% OF HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

: Rating Over Front

: Rating Over Side or 360 degree



Metric

Boom : 10,000mm(32'10") Arm : 7,000mm(22'12") Bucket : SAE 0.64m³ HEAPED(CECE 0.55m³) Shoe : 800mm(2'7") Unit : 1,000kg

| A(m) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | Max. Reach |
|----------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|---|-------------------|
| B(m) | | | | | | | | | | | | | | | | A(m) |
| 12 | | | | | | | | | | | | | *1.43 | *1.43 | | *1.42 *1.42 13.01 |
| 11 | | | | | | | | | | | | | *2.00 | *2.00 | | *1.41 *1.41 13.73 |
| 10 | | | | | | | | | | | | | *2.22 | *2.22 | *1.74 *1.74 | *1.42 *1.42 14.34 |
| 9 | | | | | | | | | | | | | *2.25 | *2.25 | *2.17 *2.17 | *1.43 *1.43 14.86 |
| 8 | | | | | | | | | | | | | *2.31 | *2.31 | *2.34 2.30 *1.77 *1.77 | *1.45 *1.45 15.29 |
| 7 | | | | | | | | | | | | | *2.41 | *2.41 | *2.41 *2.41 2.27 *2.15 1.94 | *1.48 *1.48 15.65 |
| 6 | | | | | | | | | | | | | *2.56 | *2.56 | *2.52 *2.52 *2.49 2.22 *2.47 1.91 | *1.51 *1.51 15.94 |
| 5 | | | | | | | | | | | | | *2.83 | *2.83 | *2.73 *2.73 *2.65 2.52 *2.60 2.17 *2.56 1.87 *1.76 1.61 *1.56 *1.56 16.16 | |
| 4 | | | | | | | | | | | | | *3.47 | *3.47 | *3.24 *3.24 *3.06 *3.06 *2.92 2.83 *2.80 2.44 *2.71 2.11 *2.65 1.83 *2.03 1.58 *1.61 1.51 16.31 | |
| 3 | *3.83 | *3.83 | *9.49 | *9.49 | *7.11 | *7.11 | *5.75 | *5.75 | *4.89 | *4.89 | *4.30 | *4.30 | *3.87 | *3.87 | *3.55 *3.55 *3.31 3.17 *3.11 2.73 *2.96 2.36 *2.84 2.05 *2.75 1.78 *2.24 1.54 *1.67 1.46 16.40 | |
| 2 | *1.70 | *1.70 | *5.35 | *5.35 | *8.52 | *8.52 | *6.72 | *6.72 | *5.59 | *5.59 | *4.82 | *4.82 | *4.27 | *4.17 | *3.87 *3.55 *3.56 3.04 *3.31 2.63 *3.12 2.28 *2.97 1.99 *2.85 1.73 *2.39 1.51 *1.74 1.42 16.43 | |
| 1 | *1.62 | *1.62 | *3.85 | *3.85 | *7.72 | *7.72 | *7.58 | *6.96 | *6.23 | *5.65 | *5.32 | *4.70 | *4.66 | *3.97 | *4.18 3.39 *3.80 2.92 *3.51 2.53 *3.28 2.21 *3.10 1.93 2.86 1.69 *2.47 1.48 *1.82 1.40 16.40 | |
| 0(Grand) | *2.02 | *2.02 | *3.60 | *3.60 | *6.26 | *6.26 | *8.29 | *6.59 | *6.79 | *5.37 | *5.76 | *4.48 | *5.02 | *3.79 | *4.46 3.25 *4.04 2.81 *3.71 2.45 *3.44 2.14 3.15 1.87 2.81 1.64 *2.46 1.44 *1.92 1.39 16.31 | |
| -1 | *1.96 | *1.96 | *2.57 | *2.57 | *3.81 | *3.81 | *5.89 | *5.89 | *8.83 | *6.32 | *7.25 | *5.14 | *6.14 | *4.29 | *5.33 3.64 *4.72 3.13 *4.25 2.71 *3.88 2.37 3.48 2.07 3.10 1.82 2.77 1.60 *2.34 1.42 *2.04 1.39 16.15 | |
| -2 | *2.61 | *2.61 | *3.16 | *3.16 | *4.23 | *4.23 | *6.00 | *6.00 | *8.93 | *6.14 | *7.61 | *4.97 | *6.46 | *4.15 | *5.60 3.52 *4.95 3.03 4.39 2.63 3.86 2.30 3.42 2.02 3.05 1.78 2.74 1.57 | |
| -3 | *3.26 | *3.26 | *3.80 | *3.80 | *4.78 | *4.78 | *6.37 | *6.37 | *8.96 | *6.02 | *7.87 | *4.86 | *6.70 | *4.04 | 5.77 3.43 4.96 2.95 4.32 2.56 3.80 2.24 3.38 1.97 3.02 1.74 2.72 1.55 | |
| -4 | *3.91 | *3.91 | *4.46 | *4.46 | *5.41 | *5.41 | *6.92 | *6.92 | *9.33 | *5.95 | *8.03 | *4.78 | *6.76 | *3.97 | 5.70 3.36 4.89 2.89 4.27 2.51 3.76 2.20 3.34 1.94 3.00 1.72 2.70 1.54 | |
| -5 | *4.58 | *4.58 | *5.17 | *5.17 | *6.12 | *6.12 | *7.61 | *7.61 | *9.64 | *5.93 | *8.11 | *4.75 | *6.71 | *3.93 | 5.65 3.32 4.85 2.85 4.23 2.48 3.73 2.18 3.32 1.92 2.98 1.71 | |
| -6 | *5.28 | *5.28 | *5.91 | *5.91 | *6.90 | *6.90 | *8.42 | *7.84 | *9.58 | *5.94 | *8.10 | *4.74 | *6.70 | *3.91 | 5.63 3.30 4.84 2.84 4.22 2.47 3.72 2.17 3.32 1.92 2.99 1.72 | |
| -7 | *6.02 | *6.02 | *6.71 | *6.71 | *7.77 | *7.77 | *9.37 | *7.91 | *9.41 | *5.99 | *8.00 | *4.77 | *6.71 | *3.92 | 5.64 3.31 4.84 2.84 4.22 2.47 3.73 2.17 3.33 1.93 | |
| -8 | *6.80 | *6.80 | *7.57 | *7.57 | *8.73 | *8.73 | *10.48 | *8.02 | *9.14 | *6.06 | *7.81 | *4.82 | *6.75 | *3.96 | 5.67 3.34 4.87 2.86 4.25 2.49 3.76 2.20 3.37 1.97 | |
| -9 | *7.63 | *7.63 | *8.51 | *8.51 | *9.82 | *9.82 | *10.40 | *8.16 | *8.75 | *6.16 | *7.50 | *4.89 | *6.53 | *4.02 | 5.73 3.39 4.92 2.91 4.30 2.54 3.82 2.26 | |
| -10 | *8.52 | *8.52 | *9.55 | *9.55 | *11.05 | *11.05 | *9.70 | *8.34 | *8.21 | *6.30 | *7.06 | *5.00 | *6.15 | *4.11 | *5.39 3.47 *4.73 2.99 *4.13 2.63 | |
| -11 | *9.46 | *9.46 | *10.69 | *10.69 | *10.61 | *10.61 | *8.79 | *8.57 | *7.47 | *6.47 | *6.44 | *5.15 | *5.60 | *4.24 | *4.87 3.59 | |
| -12 | | | *11.29 | *11.29 | *9.06 | *9.06 | *7.58 | *7.58 | *6.46 | *6.46 | *5.55 | *5.34 | *4.76 | 4.42 | | |
| -13 | | | | | | | | | | | | | *5.00 | *5.00 | | |

Feet

Unit : 1,000lb

| A(ft) | 10' | 15' | 20' | 25' | 30' | 35' | 40' | 45' | 50' | Max. Reach |
|-----------|--------|--------|--------|--------|--------|--------|--------|-------|--------|---|
| B(ft) | | | | | | | | | | A(ft) |
| 40 | | | | | | | | | | *3.14 *3.14 42'19" |
| 35 | | | | | | | | | | *3.12 *3.12 45'74" |
| 30 | | | | | | | | | | *3.15 *3.15 48'52" |
| 25 | | | | | | | | | | *5.15 *5.15 52'64" |
| 20 | | | | | | | | | | *5.59 *5.59 54'20" |
| 15 | | | | | | | | | | *6.55 *6.55 53'25" |
| 10 | *9.61 | *9.61 | *17.33 | *17.33 | *12.36 | *12.36 | *9.86 | *9.86 | *8.38 | *8.38 *7.43 7.37 *6.77 5.86 *6.32 4.71 *6.01 3.80 *3.67 3.21 53'80" |
| 5 | *3.67 | *3.67 | *15.12 | *15.12 | *15.44 | *15.44 | *11.79 | 11.41 | *9.68 | 8.76 *8.33 6.91 *7.42 5.55 *6.78 4.49 6.19 3.65 *3.92 3.10 53'89" |
| 0(Ground) | *4.59 | *4.59 | *10.90 | *10.90 | *17.89 | 14.23 | *13.48 | 10.55 | *10.86 | 8.17 *9.19 6.50 *8.05 5.25 7.19 4.28 6.04 3.51 *4.24 3.06 53'51" |
| -5 | *6.42 | *6.42 | *10.97 | *10.97 | *19.56 | 13.41 | *14.78 | 9.92 | *11.85 | 7.71 *9.93 6.16 8.39 5.00 7.00 4.11 5.92 3.40 *4.65 3.08 52'65" |
| -10 | *8.52 | *8.52 | *12.40 | *12.40 | *20.49 | 12.97 | *15.68 | 9.52 | 12.42 | 7.38 9.95 5.91 8.19 4.82 6.86 3.98 5.84 3.32 *5.18 3.18 51'28" |
| -15 | *10.79 | *10.79 | *14.51 | *14.51 | *20.87 | 12.79 | *15.93 | 9.30 | 12.21 | 7.19 9.78 5.75 8.06 4.70 6.79 3.90 |
| -20 | *13.28 | *13.28 | *17.14 | *17.14 | *20.73 | 12.81 | *15.87 | 9.25 | 12.13 | 7.11 9.71 5.69 8.02 4.66 6.79 3.90 |
| -25 | *16.05 | *16.05 | *20.35 | 20.27 | *20.09 | 12.98 | *15.90 | 9.33 | 12.18 | 7.16 9.75 5.72 8.08 4.72 |
| -30 | *19.20 | *19.20 | *24.30 | 20.82 | *18.85 | 13.30 | *15.05 | 9.55 | *12.32 | 7.33 9.92 5.88 |
| -35 | *22.84 | *22.84 | *21.73 | 21.57 | *16.81 | 13.80 | *13.48 | 9.92 | *10.95 | 7.65 |
| -40 | *23.58 | *23.58 | *17.30 | *17.30 | *13.52 | *13.52 | *10.68 | 10.53 | | |

1. RATINGS ARE BASED ON SAE J1097

2. THE LOAD POINT IS A HOOK LOCATED ON THE BACK OF THE BUCKET.

3. * RATED LOADS ARE BASED ON HYDRAULIC CAPACITY.

4. RATED LOADS DO NOT EXCEED 87% OF HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

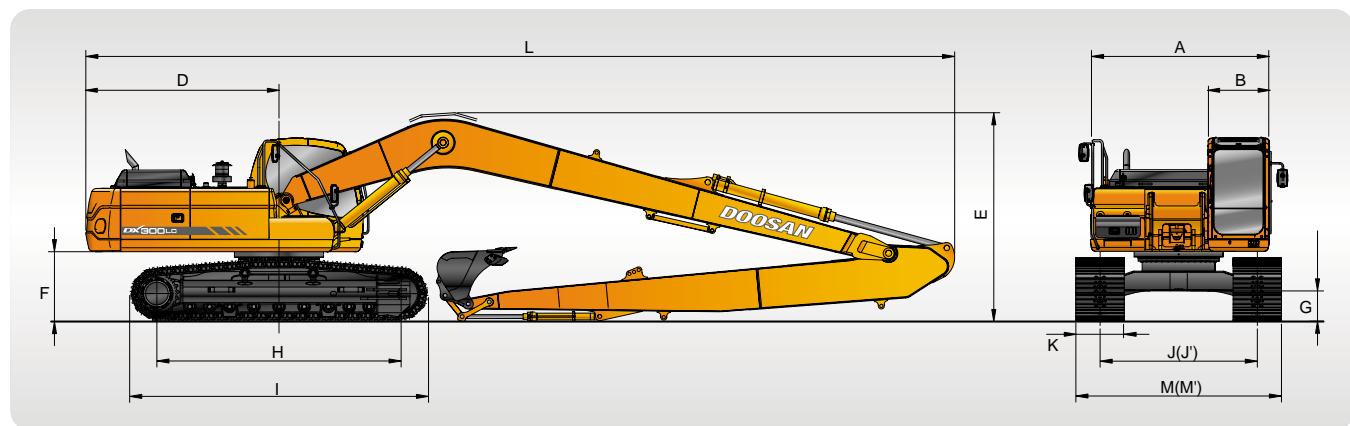
: Rating Over Front

: Rating Over Side or 360 degree

Dimensions & Working Ranges



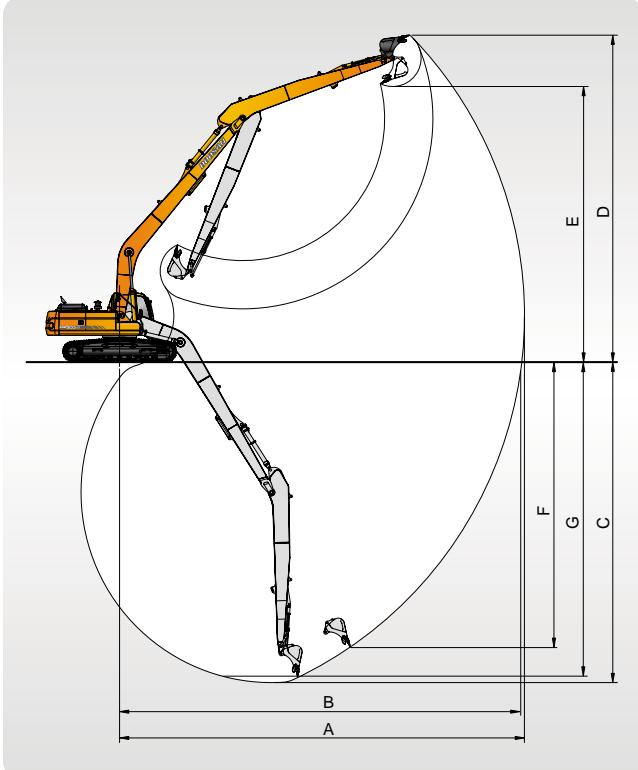
Dimensions (10,000mm(32'10")Boom, 7,000mm(22'12")Arm, 600mm(24")shoe) - Std.



| | | |
|----|--------------------------------------|-----------------|
| A | Overall width of upper structure | 2,960mm(9'9") |
| B | Overall width of cab | 960mm(3'2") |
| C | Overall height of cab | 3,065mm(10'1") |
| D | Tail swing radius | 3,200mm(10'6") |
| E | Overall height | 3,455mm(11'4") |
| F | Clearance under counterweight | 1,175mm(3'10") |
| G | Ground clearance | 500mm(1'8") |
| H | Tumbler distance | 4,010mm(13'2") |
| I | Track length | 4,930mm(16'2") |
| J | Track gauge (Standard Track) | 2,600mm(8'6") |
| J' | Track gauge (Narrow Track) | 2,400mm(7'10") |
| K | Track shoe width | 600mm (2') |
| L | Overall length | 14,370mm(47'2") |
| M | Overall track width (Standard Track) | 3,200mm(10'6") |
| M' | Overall track width (Narrow Track) | 3,000mm(9'10") |



Working ranges (Std.)



Digging forces (Maximum radialtooth forces)

| | (Std.) 7.0m Arm |
|----------------------|-----------------|
| Bucket digging force | 20,400 kgf |
| | 200.3 kn |
| | 45,000 lbf |
| Arm digging force | 7,400 kgf |
| | 72.6 kn |
| | 16,300 lbf |

*At power boost

*ISO

| | |
|---------------------------------------|---------------------------|
| Boom length | (Std.) 10,000mm (32'10") |
| Arm length | (Std.) 7,000mm (22'12") |
| Bucket type(pcsa) | (Std.) 0.64m ³ |
| A. Max. digging reach | 17,520mm(57'6") |
| B. Max. digging reach at ground level | 17,405mm(57'1") |
| C. Max. digging depth | 13,875mm(45'6") |
| D. Max. digging height | 14,155mm(46'5") |
| E. Max. dumping height | 11,930mm(39'2") |
| F. Max. vertical wall digging depth | 11,630mm(38'2") |
| G. Max. digging depth (8' level) | 13,790mm (45'3") |



Doosan Infracore

Seoul Office :

Doosan Tower 27TH FL. 18-12, Euljiro-6Ga,
Jung-Gu, Seoul, Korea 100-730
Tel : +82-2-3398-8114
Fax : +82-2-3398-8117
www.doosaninfracore.com

Doosan Infracore Europe S.A.

1A, Rue Achille Degrâce, 7080 Frameries, Belgium
Tel : +32-65-61-3230 Fax : +32-65-67-7338

Doosan Infracore U.K., Ltd.

Doosan House, Unit 6.3, Nantgarw Park, Cardiff CF47QU, U.K.
Tel : +44-1443-84-2273 Fax : +44-1443-84-1933

Doosan Infracore Germany GmbH

Hans-Böeckler strasse 29, D-40764, Langenfeld-Fuhrkamp, Germany
Tel : +49-2173-8509-18 Fax : +49-2173-8509-45

Doosan Infracore France

ZAC de La Clef Saint Pierre - Europlus 21A Avenue Jean d'Alembert
78990 Elancourt, France
Tel : +33 (0)1 30 16 21 41 Fax : +33 (0)1 30 16 21 44

Doosan Infracore America Corporation

2905 Shawnee Industrial Way, Suwanee, Georgia 30024, U. S. A
Tel : +1-770-831-2200 Fax : +1-770-831-0480

Doosan Infracore (China) Co., Ltd.

#28, Wuzhishan Road, Eco. & Tech, Development Zone, Yantai, Shandong, China
Tel : +86-535-638-2000 Fax : +86-535-638-2004

Doosan Infracore Xinjiang Machinery Co.,Ltd.

No, 178, Hetanbei Road, Wurumuqi, Xinjiang, China
Tel : +86-991-469-7217 Fax : +86-991-469-8641

Doosan Infracore Liaoning Machinery Co.,Ltd.

No.32 DongLing Road, DongLing District, ShenYang, Liaoning, China
Tel : +86-24-8841-1407 Fax : +86-24-8841-1404

Doosan Infracore South Africa (PTY)LTD.

60C Electron Road, Isando 1600, Johannesburg, South Africa
Tel : 27-11-974-2095 Fax : 27-11-974-2778

Doosan Infracore Middle East Center(Dubai)

P.O.Box 183127, Al-Serkal Building, Air Port Road,Dubai, U.A.E
Tel : +971-4-295-2781~2 Fax:+971-4-295-2783



PBP D300C50S 0701

The illustrations do not necessary show the product in standard version.
All products and equipments are not available in all markets.
Materials and specifications are subjects to change without prior notice.