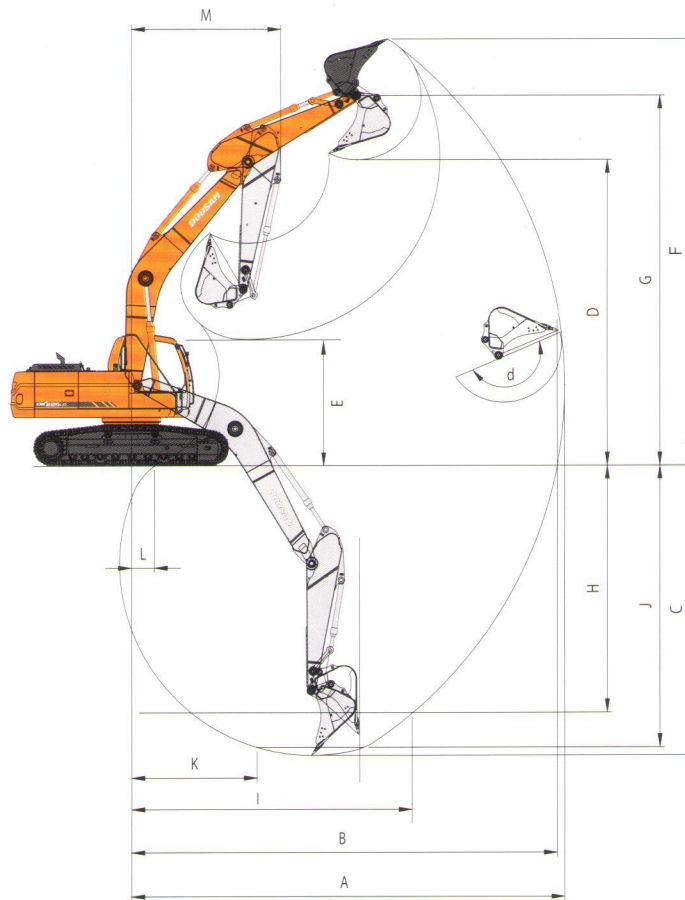


# WORKING RANGES

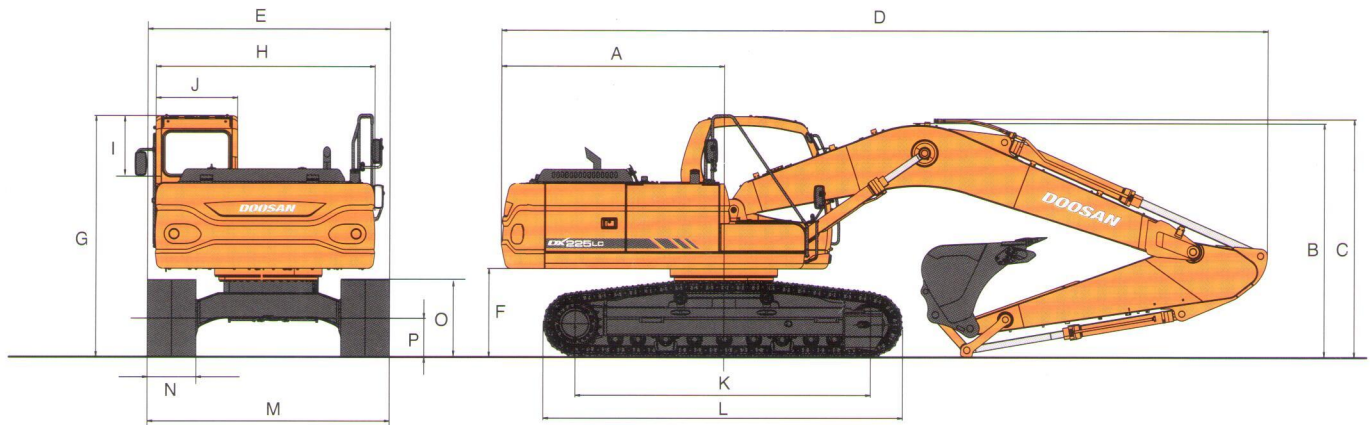
# DX225LC



## \* WORKING RANGE

|  | 5,700mm(18'8")      |                           | 5,200mm(17'1")      |                    |                     |
|--|---------------------|---------------------------|---------------------|--------------------|---------------------|
| <b>Boom length</b>                           | 5,700mm(18'8")      |                           | 5,200mm(17'1")      |                    |                     |
| <b>Arm type</b>                              | 2,400mm<br>(7' 10") | (Std.) 2,900mm<br>(9' 6") | 3,500mm<br>(11' 6") | 2,000mm<br>(6' 7") | 2,400mm<br>(7' 11") |
| <b>Bucket type (pcsa)</b>                    | 1.05m <sup>3</sup>  | (Std.) 0.92m <sup>3</sup> | 0.81m <sup>3</sup>  | 1.28m <sup>3</sup> | 1.17m <sup>3</sup>  |
| <b>A. Max. digging reach</b>                 | 9,480<br>(31' 1")   | 9,900<br>(32' 6")         | 10,340<br>(33' 11") | 8,580<br>(28' 2")  | 8,950<br>(29' 4")   |
| <b>B. Max. digging reach at ground level</b> | 9,300<br>(30' 6")   | 9,730<br>(31' 11")        | 10,230<br>(33' 7")  | 8,380<br>(27' 6")  | 8,760<br>(28' 9")   |
| <b>C. Max. digging depth</b>                 | 6,110<br>(20' 1")   | 6,620<br>(21' 9")         | 7,220<br>(23' 8")   | 5,355<br>(17' 7")  | 5,755<br>(18' 11")  |
| <b>D. Max. dumping height</b>                | 6,830<br>(22' 5")   | 6,990<br>(22' 11")        | 7,150<br>(23' 6")   | 6,085<br>(20')     | 6,300<br>(20' 8")   |
| <b>E. Min. dumping height</b>                | 3,070<br>(10' 1")   | 2,555<br>(8' 5")          | 1,953<br>(6' 5")    | 3,370<br>(11' 1")  | 3,195<br>(10' 6")   |
| <b>F. Max. digging height</b>                | 9,630<br>(31' 7")   | 9,750<br>(32')            | 9,870<br>(32' 5")   | 8,845<br>(29')     | 9,065<br>(29' 9")   |
| <b>G. Max. bucket pin height</b>             | 8,299<br>(27' 3")   | 8,450<br>(27' 9")         | 8,612<br>(28' 3")   | 7,555<br>(24' 9")  | 7,770<br>(25' 6")   |
| <b>H. Max. vertical wall depth</b>           | 5,390<br>(17' 8")   | 5,640<br>(18' 6")         | 6,010<br>(19' 9")   | 4,435<br>(14' 7")  | 4,880<br>(16')      |
| <b>I. Max. radius vertical</b>               | 6,050<br>(19' 10")  | 6,410<br>(21')            | 6,750<br>(22' 2")   | 5,790<br>(19')     | 5,842<br>(19' 2")   |
| <b>J. Max. digging depth(8' level)</b>       | 5,910<br>(19' 5")   | 6,430<br>(21' 1")         | 7,050<br>(23' 2")   | 5,115<br>(16' 9")  | 5,545<br>(18' 2")   |
| <b>k. Min. radius 8' line</b>                | 2,880<br>(9' 5")    | 2,865<br>(9' 5")          | 2,830<br>(9' 3")    | 2,495<br>(8' 2")   | 2,510<br>(8' 3")    |
| <b>L. Min. digging reach</b>                 | 1,698<br>(5' 7")    | 519<br>(1' 8")            | -224<br>(-9')       | 1,819<br>(6')      | 640<br>(2' 1")      |
| <b>M. Min. swing radius</b>                  | 3,410<br>(11' 2")   | 3,410<br>(11' 2")         | 3,440<br>(11' 3")   | 3,370<br>(11' 1")  | 3,190<br>(10' 6")   |
| <b>d. Bucket angle (deg)</b>                 | 166°                | 166°                      | 166°                | 166°               | 166°                |

# DIMENSIONS



## \* DIMENSIONS

Boom 5,700 mm (18'8") - Arm 2,900 mm (9'6") - Shoe 600 mm (2') - Std

| Boom type (One piece)     | 5,700mm(18'8")      |                           | 5,200mm(17'1")       |                     |                     |
|---------------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|
| Arm type                  | 2,400mm<br>(7' 10") | (Std.) 2,900mm<br>(9' 6") | 3,500mm<br>(11' 6")  | 2,000mm<br>(6' 7")  | 2,400mm<br>(7' 10") |
| Bucket type (pcsa)        | 1.05m <sup>3</sup>  | (Std.) 0.92m <sup>3</sup> | 0.81m <sup>3</sup>   | 1.28m <sup>3</sup>  | 1.17m <sup>3</sup>  |
| A Tail Swing Radius       | →                   | 2,750mm<br>(9')           | ←                    | ←                   | ←                   |
| B Shipping Height (Boom)  | 3,045mm<br>(10')    | 2,940mm<br>(9' 8")        | 3,225mm<br>(10' 7")  | 3,145mm<br>(10' 4") | 2,985mm<br>(9' 10") |
| C Shipping Height (Hose)  | 3,110mm<br>(10' 2") | 3,005mm<br>(9' 10")       | 3,290mm<br>(10' 10") | 3,210mm<br>(10' 6") | 3,050mm<br>(10')    |
| D Shipping Length         | 9,500mm<br>(31' 2") | 9,485mm<br>(31' 1")       | 9,500mm<br>(31' 2")  | 9,080mm<br>(29' 9") | 8,990mm<br>(29' 6") |
| E Shipping Width          | →                   | 2,990mm<br>(9' 10")       | ←                    | ←                   | ←                   |
| F C/Weight Clearance      | →                   | 1,055mm<br>(3' 6")        | ←                    | ←                   | ←                   |
| G Height Over CAB.        | →                   | 2,975mm<br>(9' 9")        | ←                    | ←                   | ←                   |
| H House Width             | →                   | 2,710mm<br>(8' 11")       | ←                    | ←                   | ←                   |
| I CAB. Height above House | →                   | 845mm<br>(2' 9")          | ←                    | ←                   | ←                   |
| J CAB. Width              | →                   | 960mm<br>(3' 2")          | ←                    | ←                   | ←                   |
| K Tumbler Distance        | →                   | 3,650mm<br>(11' 12")      | ←                    | ←                   | ←                   |
| L Track Length            | →                   | 4,445mm<br>(14' 7")       | ←                    | ←                   | ←                   |
| M Undercarriage Width     | →                   | 2,990mm<br>(9' 10")       | ←                    | ←                   | ←                   |
| N Shoe Width              | →                   | 600mm<br>(2')             | ←                    | ←                   | ←                   |
| O Track Height            | →                   | 947mm<br>(3' 1")          | ←                    | ←                   | ←                   |
| P Car Body Clearance      | →                   | 480mm<br>(1' 7")          | ←                    | ←                   | ←                   |

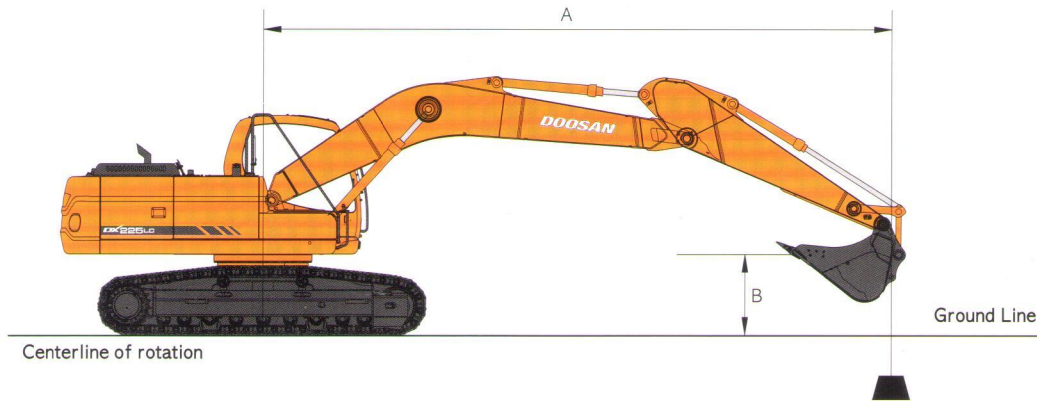
## \* DIGGING FORCE (ISO)

| Bucket (PCSA) | 0.51m <sup>3</sup> | 0.81m <sup>3</sup> | (Std.) 0.92m <sup>3</sup> | 1.05m <sup>3</sup> | 1.17m <sup>3</sup> | 1.28m <sup>3</sup> |
|---------------|--------------------|--------------------|---------------------------|--------------------|--------------------|--------------------|
| Digging force | 15,200 kgf         | 15,200 kgf         | 15,200 kgf                | 15,200 kgf         | 15,200 kgf         | 15,200 kgf         |
|               | 149.2 kN           | 149.2 kN           | 149.2 kN                  | 149.2 kN           | 149.2 kN           | 149.2 kN           |
|               | 33,510 lbf         | 33,510 lbf         | 33,510 lbf                | 33,510 lbf         | 33,510 lbf         | 33,510 lbf         |
| Arm           | 2,000mm            | 2,400mm            | (Std.) 2,900mm            | 3,500mm            |                    |                    |
|               | 15,300 kgf         | 12,600 kgf         | 10,800 kgf                | 9,700 kgf          |                    |                    |
|               | 150.1 kN           | 123.7 kN           | 106 kN                    | 95.2 kN            |                    |                    |
|               | 33,730 lbf         | 27,778 lbf         | 23,810 lbf                | 21,385 lbf         |                    |                    |

At power boost (ISO)

# LIFTING CAPACITY

# DX225LC



## STANDARD CONFIGURATION

**Metric** Boom : 5,700mm(18'8") Arm : 2,900mm(9'6") Bucket : SAE 0.92m<sup>3</sup>(1.2yd<sup>3</sup>) CECE 0.8m<sup>3</sup>(1.1yd<sup>3</sup>) Shoe : 600mm(2') Unit : 1,000kg

| A(m)       | 2      |        | 3      |        | 4      |       | 5     |       | 6     |       | 7     |       | 8    |       | Max. Reach |       | A(m)  |       |      |
|------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-------|-------|-------|------|
|            |        |        |        |        |        |       |       |       |       |       |       |       |      |       |            |       |       |       |      |
| 8          |        |        |        |        |        |       |       |       |       |       |       |       |      |       |            |       | *3.42 | *3.42 | 5.94 |
| 7          |        |        |        |        |        |       |       |       |       |       |       |       |      |       |            |       | *3.31 | *3.31 | 6.85 |
| 6          |        |        |        |        |        |       |       |       | *4.53 | *4.53 | *4.39 | 3.84  |      |       |            |       | *3.30 | *3.30 | 7.51 |
| 5          |        |        |        |        |        |       |       |       | *4.87 | *4.87 | *4.69 | 3.79  |      |       |            |       | *3.36 | 2.99  | 7.99 |
| 4          |        |        |        |        |        |       |       | *5.95 | *5.95 | *5.37 | 4.79  | *4.99 | 3.72 | *4.50 | 2.95       |       | *3.48 | 2.75  | 8.32 |
| 3          |        |        | *11.94 | *11.94 | *8.57  | *8.57 | *6.92 | 6.19  | *5.97 | 4.64  | *5.36 | 3.62  | 4.67 | 2.90  |            | *3.65 | 2.59  | 8.52  |      |
| 2          |        |        | *7.08  | *7.08  | *10.19 | 8.36  | *7.89 | 5.93  | *6.58 | 4.49  | 5.71  | 3.53  | 4.61 | 2.84  |            | *3.89 | 2.51  | 8.60  |      |
| 1          |        |        | *5.62  | *5.62  | *11.36 | 8.03  | *8.69 | 5.73  | *7.11 | 4.36  | 5.61  | 3.44  | 4.55 | 2.79  |            | 4.09  | 2.50  | 8.56  |      |
| O (Ground) | *3.08  | *3.08  | *6.66  | *6.66  | *11.94 | 7.85  | *9.21 | 5.59  | 7.05  | 4.26  | 5.54  | 3.37  | 4.51 | 2.75  |            | 4.18  | 2.54  | 8.40  |      |
| -1         | *5.53  | *5.53  | *8.59  | *8.59  | *12.03 | 7.77  | 9.40  | 5.51  | 6.98  | 4.19  | 5.49  | 3.33  | 4.48 | 2.73  |            | 4.39  | 2.67  | 8.11  |      |
| -2         | *7.92  | *7.92  | *11.11 | *11.11 | *11.71 | 7.77  | *9.28 | 5.48  | 6.96  | 4.17  | 5.48  | 3.32  |      |       |            | 4.76  | 2.90  | 7.69  |      |
| -3         | *10.58 | *10.58 | *14.12 | *12.89 | *10.99 | 7.82  | *8.81 | 5.51  | 6.98  | 4.19  | 5.51  | 3.35  |      |       |            | 5.41  | 3.29  | 7.09  |      |
| -4         | *13.78 | *13.78 | *12.36 | *12.36 | *9.77  | 7.94  | *7.86 | 5.59  | *6.29 | 4.26  |       |       |      |       |            | *5.86 | 4.00  | 6.28  |      |
| -5         |        |        | *9.77  | *9.77  | *7.80  | *7.80 | *6.10 | 5.75  |       |       |       |       |      |       |            | *5.85 | 5.50  | 5.15  |      |

## Feet

Unit : 1,000lb

| A(ft)      | 10'    |        | 15'    |  | 20'    |  | 25'    |       | Max. Reach |      | A(ft)  |       |       |
|------------|--------|--------|--------|--|--------|--|--------|-------|------------|------|--------|-------|-------|
|            |        |        |        |  |        |  |        |       |            |      |        |       |       |
| 25         |        |        |        |  |        |  | *8.41  | *8.41 |            |      | *7.41  | *7.41 | 20.73 |
| 20         |        |        |        |  |        |  | *9.94  | *9.94 |            |      | *7.28  | *7.28 | 24.45 |
| 15         |        |        |        |  |        |  | *11.10 | 10.46 | *10.37     | 7.16 | *7.50  | 6.34  | 26.73 |
| 10         | *25.44 | *25.44 | *16.42 |  | 15.73  |  | *12.94 | 10.00 | 11.16      | 6.95 | *8.03  | 5.73  | 27.93 |
| 5          | *13.83 | *13.83 | *20.28 |  | 14.71  |  | *14.86 | 9.52  | 10.91      | 6.72 | *8.91  | 5.51  | 28.20 |
| O (Ground) | *15.25 | *15.25 | *22.52 |  | 14.09  |  | 15.16  | 9.16  | 10.71      | 6.53 | 9.21   | 5.61  | 27.56 |
| -5         | *22.18 | *22.18 | *22.80 |  | 13.87  |  | 14.97  | 9.00  | 10.63      | 6.46 | 10.05  | 6.12  | 25.95 |
| -10        | *30.58 |        | 27.61  |  | *21.20 |  | 13.95  | 15.02 | 9.03       |      | 12.02  | 7.31  | 23.15 |
| -15        | *23.99 | *23.99 | *17.02 |  | 14.32  |  |        |       |            |      | *12.97 | 10.35 | 18.64 |
| -20        |        |        |        |  |        |  | *8.41  | *8.41 |            |      | *7.41  | *7.41 | 20.73 |

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 hydraulic capacity or 75% of tipping capacity.

: Rating Over Front  
 : Rating Over Side or 360 degree