

**DOOSAN**

Europe

# Full liner



# MINI EXCAVATORS



**DX10Z**

<b>Operating weight</b>	kg	1200
<b>Engine power</b>	hp/kW @ rpm	9.9/7.4 @ 2000
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.025



**DX27Z**



**DX35Z**



**DX62R-3**

	2705	3499	6250
	20.6/15.4 @ 2400	24.8/18.2 @ 2200	59.4/44.3 @ 2100
	0.08	0.11	0.175

		<b>DX10Z</b>	<b>DX17Z</b>	<b>DX19</b>
<b>Operating weight</b>	kg	1200	1700	1900
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.025	0.058	0.065
<b>Travel speed</b>	km/h	2.1 - 3.1	2.5 - 4.0	2.5 - 4.0
<b>Engine model</b>	-	Kubota D722-EF15	Kubota D722-EF11	Kubota D722-EF11
<b>Power</b>	hp/kW @ rpm	9.9/7.4 @ 2000	13.3/9.9 @ 2500	13.3/9.9 @ 2500
<b>Emission standard</b>	-	Stage V	Stage V	Stage V
<b>Digging reach</b>	mm	3145	3971	4257
<b>Digging depth</b>	mm	1820	2249	2565
<b>Digging height</b>	mm	2685	3378	3701
<b>Length</b>	mm	2793	3450	3812
<b>Width</b>	mm	1100 (710)	1360 (980)	1360 (980)
<b>Height</b>	mm	2209	2297	2299



**DX17Z**



**DX19**

1700	1900
13.3/9.9 @ 2500	13.3/9.9 @ 2500
0.058	0.065



**DX63-3**



**DX85R-3**

6370	8600
59.4/44.3 @ 2100	59.4/44.3 @ 2100
0.175	0.28

<b>DX27Z</b>	<b>DX35Z</b>	<b>DX62R-3</b>	<b>DX63-3</b>	<b>DX85R-3</b>
2700	3499	6250	6370	8600
0.08	0.11	0.175	0.175	0.28
2.5 - 4.3	2.6 - 4.7	2.6 - 4.7	2.6 - 4.7	2.7 - 4.7
Kubota D1105-EF07	Kubota D1703-M-DI-EF03	Yanmar 4TNV98	Yanmar 4TNV98	Yanmar 4TNV98
20.6/15.4 @ 2400	24.8/18.2 @ 2200	59.4/44.3 @ 2100	59.4/44.3 @ 2100	59.4/44.3 @ 2100
Stage V	Stage V	Stage V	Stage V	Stage V
4518	5230	6525	6355	7430
2547	3117	4115	4115	4725
4230	4804	6005	6005	6980
4325	4823	5670	5685	6265
1550	1750	1980	1980	2300
2438	2468	2550	2550	2640

# WHEELED EXCAVATORS



**DX57W-7**

<b>Operating weight</b>	kg	5800
<b>Engine power</b>	hp/kW @ rpm	52.3/42.5 @ 2400
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.175



**DX165W-5**



**DX170W-5**

	16120 - 17920	16630 - 18700
	137/102.1 @ 2000	137/102.1 @ 2000
	0.24 - 0.76	0.32 - 0.90

		<b>DX57W-7</b>	<b>DX140W-5</b>	<b>DX160W-5</b>
<b>Operating weight</b>	kg	5800	14450 - 16750	15040 - 17150
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.175	0.24 - 0.76	0.24 - 0.76
<b>Travel speed</b>	km/h	10 - 30	3.5 - 37	3.5 - 37
<b>Engine model</b>	-	Doosan D24	Doosan DL06P	Doosan DL06P
<b>Power</b>	hp/kW @ rpm	52.3/42.5 @ 2400	137/102.2 @ 2000	137/102.2 @ 2000
<b>Emission standard</b>	-	Stage V	Stage IV	Stage IV
<b>Digging reach</b>	mm	6110	7585	8670
<b>Digging depth</b>	mm	3496	4490	5455
<b>Digging height</b>	mm	5980	8195	9565
<b>Length</b>	mm	5896	7420	7975
<b>Width</b>	mm	1947	2500	2500
<b>Height</b>	mm	3633	3052	3052



### DX140W-5

14450 - 16750  
137/102.2 @ 2000  
0.24 - 0.76



### DX160W-5

15040 - 17150  
137/102.2 @ 2000  
0.24 - 0.76



### DX190W-5

19000 - 20500  
173.5/129.4 @ 1900  
0.38 - 0.93



### DX210W-5

21390 - 21730  
173.5/129.4 @ 1900  
0.51 - 1.32

### DX165W-5

16120 - 17920  
0.24 - 0.76

3.5 - 37

Perkins 1204F

137/102.1  
@ 2000

Stage IV

8670

5455

9565

7934

2490

3102

### DX170W-5

16630 - 18700  
0.32 - 0.90

3.0 - 37

Doosan DLo6P

137/102.1  
@ 2000

Stage IV

8875

5315

9140

8219

2530

3075

### DX190W-5

19000 - 20500  
0.38 - 0.93

3.0 - 35

Doosan DLo6P

173.5/129.4  
@ 1900

Stage IV

9255

5725

9440

8750

2530

3134

### DX210W-5

21390 - 21730  
0.51 - 1.32

4.0 - 35

Doosan DLo6

173.5/129.4  
@ 1900

Stage IV

9980

6160

10140

9448

2530

3141

# CRAWLER EXCAVATORS



## DX140LCR-5

<b>Operating weight</b>	kg	15100 - 15500
<b>Engine power</b>	hp/kW @ rpm	115/85.9 @ 2000
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.24 - 0.76



## DX225LC-5

<b>Operating weight</b>	kg	22100 - 23000
<b>Engine power</b>	hp/kW @ rpm	166/124 @ 1800
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.39 - 1.49



## DX235LC-5

<b>Operating weight</b>	kg	22800 - 23700
<b>Engine power</b>	hp/kW @ rpm	166/124 @ 1800
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.51 - 1.32

		DX140LCR-5	DX140LC-5	DX180LC-5
<b>Operating weight</b>	kg	15100 - 15500	14100 - 14600	18100 - 19400
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.24 - 0.76	0.24 - 0.76	0.38 - 0.93
<b>Travel speed</b>	km/h	2.8 - 4.7	3.0 - 5.0	3.1 - 5.1
<b>Engine model</b>	-	Perkins 1204F	Perkins 1204F	Perkins 1204F
<b>Power</b>	hp/kW @ rpm	115/85.9 @ 2000	115/85.9 @ 2000	131/97.9 @ 2000
<b>Emission standard</b>	-	Stage IV	Stage IV	Stage IV
<b>Digging reach</b>	mm	8285	8285	9190
<b>Digging depth</b>	mm	5485	5635	6110
<b>Digging height</b>	mm	9265	8660	9170
<b>Length</b>	mm	7360	7685	8770
<b>Width</b>	mm	2590	2590	2540 - 2800
<b>Height</b>	mm	2835	2785	2925



### DX140LC-5

14100 - 14600  
115/85.9 @ 2000  
0.24 - 0.76



### DX180LC-5

18100 - 19400  
131/97.9 @ 2000  
0.38 - 0.93



### DX235NLC-5

22400 - 22800  
166/124 @ 1800  
0.51 - 1.32



### DX235LCR-5

24300 - 25200  
173.5/129.4 @ 1900  
0.51 - 1.32

### DX225LC-5

22100 - 23000

0.39 - 1.49

3.0 - 5.5

Doosan DLo6P

166/124  
@ 1800

Stage IV

9880

6580

9555

9495

2990

2980

### DX235LC-5

22800 - 23700

0.51 - 1.32

3.0 - 5.5

Doosan DLo6P

166/124  
@ 1800

Stage IV

9465

6080

9450

9505

2990

2985

### DX235NLC-5

22400 - 22800

0.51 - 1.32

3.0 - 5.5

Doosan DLo6

166/124  
@ 1800

Stage IV

9465

6080

9450

9505

2990

2985

### DX235LCR-5

24300 - 25200

0.51 - 1.32

3.2 - 5.8

Doosan DLo6

173.5/129.4  
@ 1900

Stage IV

9820

6670

10795

8975

2990

3080

# CRAWLER EXCAVATORS



**DX255LC-5**

<b>Operating weight</b>	kg	25400 - 26500
<b>Engine power</b>	hp/kW @ rpm	173.5/129.4 @ 1900
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.51 - 1.49



**DX380LC-7**

**DX420LC-7**

		40200 - 41800	43500
		326/240 @ 1800	257/344.4 @ 1800
		1.25 - 2.32	2.2

		<b>DX255LC-5</b>	<b>DX300LC-7</b>	<b>DX350LC-7</b>
<b>Operating weight</b>	kg	25400 - 26500	30300	36000
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	0.51 - 1.49	0.80 - 1.75	2.0
<b>Travel speed</b>	km/h	3.1 - 5.3	3.0 - 5.5	3.5 - 5.7
<b>Engine model</b>	-	Doosan DLo6	Doosan DLo8V	Doosan DLo8V
<b>Power</b>	hp/kW @ rpm	173.5/129.4 @ 1900	271/202 @ 1800	285.6/213 @ 1800
<b>Emission standard</b>	-	Stage IV	Stage V	Stage V
<b>Digging reach</b>	mm	10175	10725	10980
<b>Digging depth</b>	mm	6810	7305	7540
<b>Digging height</b>	mm	9705	10325	10325
<b>Length</b>	mm	10080	10605	11350
<b>Width</b>	mm	3000 - 3200	3000 - 3200	3000 - 3280
<b>Height</b>	mm	2995	3050	3390





### DX300LC-7

30300

271/202 @ 1800

0.80 - 1.75



### DX350LC-7

36000

285.6/213 @ 1800

2.0



### DX490LC-7

49800 - 52200

394/294 @ 1800

1.71 - 3.15



### DX530LC-7

52300 - 54800

394/294 @ 1800

1.71 - 3.28

### DX380LC-7

40200 - 41800

1.25 - 2.32

3.0 - 5.4

Scania DC09

326/240  
@ 1800

Stage V

11170

7415

10435

11285

3000 - 3350

3415

### DX420LC-7

43500

2.2

3.2 - 5.3

Scania DC13

257/344.4  
@ 1800

Stage V

11430

7635

10615

11740

3350

3355

### DX490LC-7

49800 - 52200

1.71 - 3.15

3.2 - 5.6

Scania DC13

394/294  
@ 1800

Stage V

12125

7790

11050

12230

2990 - 3490  
3340 - 3900

3350

### DX530LC-7

52300 - 54800

1.71 - 3.28

3.2 - 5.6

Scania DC13

394/294  
@ 1800

Stage V

10735

6755

9630

11530

2990 - 3490  
3340 - 3900

3350

# WHEEL LOADERS



### DL200-5

### DL220-5

<b>Operating weight</b>	kg	11840	12420
<b>Engine power</b>	hp/kW @ rpm	142/106 @ 2200	160/119 @ 2100
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	2.0	2.2



### DL280-7



### DL320-7

	15562	19493
	190/141 @ 2000	271/202 @ 1800
	2.8	3.3

		DL200-5	DL200-TC5	DL220-5
<b>Operating weight</b>	kg	11840	11895	12420
<b>Bucket range (G<sup>2</sup>)</b>	m <sup>3</sup>	1.9 - 2.0	1.9 - 2.0	2.2 - 2.3
<b>Engine model</b>	-	Perkins 1204	Perkins 1204	Doosan DLo6
<b>Power</b>	hp/kW @ rpm	142/106 @ 2200	142/106 @ 2200	160/119 @ 2100
<b>Emission standard</b>	-	Stage IV	Stage IV	Stage IV
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	2.0	2.0	2.2
<b>Tipping load (straight/full turn at 40°)</b>	kg	9560/8445	8540/7540	9630/8505
<b>Max. dump height on pivot</b>	mm	3730	3810	3860
<b>Breakout force</b>	kN	98	95	101
<b>Maximum speed</b>	km/h	38	38	40
<b>Turning radius at bucket</b>	mm	5795	5740	5950
<b>Tyres</b>	-	20.5 R25	20.5 R25	20.5 R25
<b>Length</b>	mm	7135	7315	7445
<b>Width</b>	mm	2530	2530	2460
<b>Height</b>	mm	3280	3280	3280



### DL200TC-5 & DL250TC-5

11895 & 14330
142/106 @ 2200 & 172/128 @ 2100
2.0 & 2.5



### DL250-5

13660
172/128 @ 2100



### DL380-7

20269
271/202 @ 1800
3-7



### DL420-7

23419
345/257 @ 1800
4-3

### DL250-5

### DL250-TC5

### DL280-7

### DL320-7

### DL380-7

### DL420-7

13660	14330	15562	19493	20269	23419
2.4 - 2.5	2.4 - 2.5	2.7 - 2.9	3.3 - 3.8	3.7 - 4.0	4.3 - 4.5
Doosan DL06	Doosan DL06	Doosan DL06	Doosan DL08	Doosan DL08	Scania DC13
172/128 @ 2100	172/128 @ 2100	190/141 @ 2000	271/202 @ 1800	271/202 @ 1800	345/257 @ 1800
Stage IV	Stage IV	Stage V	Stage V	Stage V	Stage V
2.5	2.5	2.8	3.3	3.7	4.3
10885/9610	9285/8200	12247/10765	15948/14079	16248/14341	19351/17071
3858	3934	3934	4175	4175	4265
107	102	140	170	181	183
39	39	40	40	40	40
6045	6147	6182	6748	6797	7065
20.5 R25	20.5 R25	20.5 R25	23.5 R25	23.5 R25	26.5 R25
7470	7805	7669	8530	8530	9138
2640	2640	2649/2550*	2845	2845	2982
3280	3280	3360	3511	3511	3660

\*narrow rims

# WHEEL LOADERS



### DL420CVT-5

### DL480-7

<b>Operating weight</b>	kg	23185	26444
<b>Engine power</b>	hp/kW @ rpm	311/232 @ 1800	345/257 @ 1800
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	4.2	4.8



### DL550-7

### DL580-7

		33209	34311
		380/283 @ 1800	400/294 @ 1800
		5.4	6.0

		DL420CVT-5	DL480-7	DL550-7	DL580-7
<b>Operating weight</b>	kg	23185	26444	33209	34311
<b>Bucket range (G<sup>2</sup>)</b>	m <sup>3</sup>	3.7 - 4.2	4.8 - 5.0	5.4 - 5.9	6.0 - 6.6
<b>Engine model</b>	-	Scania DC09	Scania DC13	Scania DC13	Scania DC13
<b>Power</b>	hp/kW @ rpm	311/232 @ 1800	345/257 @ 1800	380/283 @ 1800	400/294 @ 1800
<b>Emission standard</b>	-	Stage IV	Stage V	Stage V	Stage V
<b>Bucket capacity (SAE)</b>	m <sup>3</sup>	4.2	4.8	5.4	6.0
<b>Tipping load (straight/full turn at 40°)</b>	kg	18300/ 16155	20717/ 18282	24830/ 21897	27355/ 24315
<b>Max. dump height on pivot</b>	mm	4280	4519	4806	4996
<b>Breakout force</b>	kN	210	224	230	264
<b>Maximum speed</b>	km/h	38	40	40	40
<b>Turning radius at bucket</b>	mm	6955	7352	7573	7596
<b>Tyres</b>	-	26.5 R25	26.5 R25	29.5 R25	29.5 R25
<b>Length</b>	mm	8720	9454	9885	10059
<b>Width</b>	mm	2985	3095	3289	3289
<b>Height</b>	mm	3535	3635	3863	3863

# ARTICULATED DUMP TRUCKS



## DA30

<b>Maximum payload</b>	kg	28000
<b>Maximum power (ISO 3046)</b>	kW @ rpm	276 @ 2100
<b>Body capacity heaped (without/with tailgate)</b>	m <sup>3</sup>	16.8/17.8



## DA45

		41000
		368 @ 2100
		24.6/26.1

		DA30	DA45
<b>Speeds - forward</b>	km/h	6 - 8 - 11 - 16 - 23 - 32 - 45 - 55	5 - 8 - 11 - 16 - 23 - 32 - 45 - 55
<b>Speeds - reverse</b>	km/h	6 - 8 - 11 - 16	5 - 8 - 11 - 16
<b>Engine model</b>	-	Scania DC9	Scania DC13
<b>Power</b>	kW @ rpm	276 @ 2100	368 @ 2100
<b>Emission standard</b>	-	Stage V	Stage V
<b>Transmission model</b>	-	ZF 8 EP320	ZF 8 EP420
<b>Weight empty front/rear axle</b>	kg	12500/10600	14500/16000
<b>Weight loaded front/rear axle</b>	kg	16700/37000	22500/55000
<b>Net weight</b>	kg	23100	30500
<b>Length</b>	mm	9534	10590
<b>Width</b>	mm	2967	3475
<b>Total height</b>	mm	3560	3850

# ATTACHMENTS & SPECIAL APPLICATIONS

## DO IT ALL!

Range of Doosan Buckets, Breakers, Quick Couplers, Pallet Forks and more...

For: Doosan wheel loaders, crawler and wheeled excavators.



Material Handler		DX230W MH-5	DX250W MH-5	DX225 MH-5
Operating weight	kg	23700	24900	24860
Travel speed	km/h	4 - 9 - 20	4 - 9 - 20	3.0 - 5.5
Engine model	-	Doosan DLo6	Doosan DLo6	Doosan DLo6P
Power (SAE J1995)	hp/kW @ rpm	129.4 / 173.5 @ 1800 (Stage IV)	129.4 / 173.5 @ 1800 (Stage IV)	124 / 166 @ 1800 (Stage IV)
Max. bucket pin height	mm	10045	10700	10600
Max. working reach	mm	4245	4700	5200
Max. working depth	mm	11330	12000	11700
Min. swing radius	mm	2300	2600	2900
Elevating height	mm	2500	2500	2500

Demolition		DX235DM-5 HRD	DX235DM-5 Digging	DX530DM-5 HRD	DX530DM-5 Digging
Operating weight	kg	28500	26500	60500	56800
Travel speed	km/h	3.0 - 5.5	3.0 - 5.5	3.1 - 5.4	3.1 - 5.4
Engine model	-	Doosan DLo6P		Scania DC13	
Power (SAE J1995)	hp/kW @ rpm	166/124 @ 1800	166/124 @ 1800	380/283 @ 1800	380/283 @ 1800
Emission standard	-	Stage IV	Stage IV	Stage IV	Stage IV
Pin reach	mm	12900	8170	16500	10300
Pin depth	mm	N/A	4785	N/A	5965
Pin height	mm	18070	8155	27500	9690
Length	mm	11460	9590	18500	12230
Width	mm	2545	2545	2990	2990
Height	mm	3055	3070	3360	3360



## DO EVEN MORE!

- 3 SLR and 1 Semi-SLR machines: reach from 15.4 to 19.6 m
- 2 HT versions (hight track) available on DX160LC-5 & DX180LC-5

SLR and Semi-SLR		DX225LC-5 SLR	DX300LC-7 SLR	DX530LC-7 Semi-SLR	DX530LC-7 SLR
Operating weight	kg	23900	33000	51900	52200
Bucket capacity (SAE)	m <sup>3</sup>	0.39	0.64	1.27	0.92
Travel speed	km/h	3.0 - 5.5	3.0 - 5.5	3.2 - 5.6	3.2 - 5.6
Engine model	-	Doosan DLo6P	Doosan DLo8V	Scania DC13	Scania DC13
Power	hp/kW @ rpm	166/124 @ 1800	271/202 @ 1800	394/294 @ 1800	394/294 @ 1800
Emission standard	-	Stage IV	Stage V	Stage V	Stage V
Digging reach	mm	15380	17510	16060	19615
Digging depth	mm	11650	13780	11795	15125
Digging height	mm	13075	14195	12755	14435
Length	mm	12360	14520	14155	16195
Width	mm	2990	3400	3340 - 3900	3340 - 3900
Height	mm	3275	3475	3910	4070



## High Track

## DX160LC-5 HT

## DX180LC-5 HT

		DX160LC-5 HT	DX180LC-5 HT
Operating weight	kg	17100	19300
Bucket capacity (SAE)	m <sup>3</sup>	0.59	0.76
Travel speed	km/h	2.8 - 4.7	3.1 - 5.1
Engine model	-	Perkins 1204F	Perkins 1204F
Power	hp/kW @ rpm	109/81.6 @ 2000	127/94.9 @ 2000
Emission standard	-	Stage IV	Stage IV
Digging reach	mm	8665	9190
Digging depth	mm	5850	5955
Digging height	mm	9025	9325
Length	mm	7650	8720
Width	mm	3000	2800
Height	mm	3050	3070

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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Doosan equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Doosan units may show other than standard equipment.

**DOOSAN**