

DOOSAN

Europe

Full liner



MINI EXCAVATORS



DX10Z

Operating weight	kg	1200
Engine power	hp/kW @ rpm	9.9/7.4 @ 2000
Bucket capacity (SAE)	m³	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

		DX10Z	DX17Z	DX19
Operating weight	kg	1200	1700	1900
Bucket capacity (SAE)	m³	0.025	0.058	0.065
Travel speed	km/h	2.1 - 3.1	2.5 - 4.0	2.5 - 4.0
Engine model	-	Kubota D722-EF15	Kubota D722-EF11	Kubota D722-EF11
Power	hp/kW @ rpm	9.9/7.4 @ 2000	13.3/9.9 @ 2500	13.3/9.9 @ 2500
Emission standard	-	Stage V	Stage V	Stage V
Digging reach	mm	3145	3971	4257
Digging depth	mm	1820	2249	2565
Digging height	mm	2685	3378	3701
Length	mm	2793	3450	3812
Width	mm	1100 (710)	1360 (980)	1360 (980)
Height	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

DX27Z	DX35Z	DX62R-3	DX63-3	DX85R-3
2705	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

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



DX165W-5

	16120 - 17920
	137/102.1 @ 2000
	0.24 - 0.76



DX170W-5

	16630 - 18700
	137/102.1 @ 2000
	0.32 - 0.90

		DX57W-7	DX140W-5	DX160W-5
Operating weight	kg	5800	14450 - 16750	15040 - 17150
Bucket capacity (SAE)	m ³	0.175	0.24 - 0.76	0.24 - 0.76
Travel speed	km/h	10 - 30	3.5 - 37	3.5 - 37
Engine model	-	Doosan D24	Doosan DLo6P	Doosan DLo6P
Power	hp/kW @ rpm	52.3/42.5 @ 2400	137/102.2 @ 2000	137/102.2 @ 2000
Emission standard	-	Stage V	Stage IV	Stage IV
Digging reach	mm	6110	7585	8670
Digging depth	mm	3496	4490	5455
Digging height	mm	5980	8195	9565
Length	mm	5896	7420	7975
Width	mm	1947	2500	2500
Height	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

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



DX225LC-5

	22100 - 23000
	166/124 @ 1800
	0.39 - 1.49



DX235LC-5

	22800 - 23700
	166/124 @ 1800
	0.51 - 1.32

DX140LCR-5 DX140LC-5 DX180LC-5

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

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



DX380LC-7



DX420LC-7

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

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

DX420LC-7

DX490LC-7

DX530LC-7

40200 - 41800

43500

49800 - 52200

52300 - 54800

1.25 - 2.32

2.2

1.71 - 3.15

1.71 - 3.28

3.0 - 5.4

3.2 - 5.3

3.2 - 5.6

3.2 - 5.6

Scania DC09

Scania DC13

Scania DC13

Scania DC13

326/240
@ 1800

257/344.4
@ 1800

394/294
@ 1800

394/294
@ 1800

Stage V

Stage V

Stage V

Stage V

11170

11430

12125

10735

7415

7635

7790

6755

10435

10615

11050

9630

11285

11740

12230

11530

3000 - 3350

3350

2990 - 3490
3340 - 3900

2990 - 3490
3340 - 3900

3415

3355

3350

3350

WHEEL LOADERS



DL200-5

DL220-5

Operating weight	kg	11840	12420
Engine power	hp/kW @ rpm	142/106 @ 2200	160/119 @ 2100
Bucket capacity (SAE)	m ³	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
Operating weight	kg	11840	11895	12420
Bucket range (GP)	m ³	1.9 - 2.0	1.9 - 2.0	2.2 - 2.3
Engine model	-	Perkins 1204	Perkins 1204	Doosan DLo6
Power	hp/kW @ rpm	142/106 @ 2200	142/106 @ 2200	160/119 @ 2100
Emission standard	-	Stage IV	Stage IV	Stage IV
Bucket capacity (SAE)	m ³	2.0	2.0	2.2
Tipping load (straight/full turn at 40°)	kg	9560/8445	8540/7540	9630/8505
Max. dump height on pivot	mm	3730	3810	3860
Breakout force	kN	98	95	101
Maximum speed	km/h	38	38	40
Turning radius at bucket	mm	5795	5740	5950
Tyres	-	20.5 R25	20.5 R25	20.5 R25
Length	mm	7135	7315	7445
Width	mm	2530	2530	2460
Height	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
2.5



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 DLo6	Doosan DLo6	Doosan DLo6	Doosan DLo8	Doosan DLo8	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

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

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

ARTICULATED DUMP TRUCKS



DA30

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



DA45

		41000
		368 @ 2100
		24.6/26.1

		DA30	DA45
Speeds - forward	km/h	6 - 8 - 11 - 16 - 23 - 32 - 45 - 55	5 - 8 - 11 - 16 - 23 - 32 - 45 - 55
Speeds - reverse	km/h	6 - 8 - 11 - 16	5 - 8 - 11 - 16
Engine model	-	Scania DC9	Scania DC13
Power	kW @ rpm	276 @ 2100	368 @ 2100
Emission standard	-	Stage V	Stage V
Transmission model	-	ZF 8 EP320	ZF 8 EP420
Weight empty front/rear axle	kg	12500/10600	14500/16000
Weight loaded front/rear axle	kg	16700/37000	22500/55000
Net weight	kg	23100	30500
Length	mm	9534	10590
Width	mm	2967	3475
Total height	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	11380	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 ³	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	14320	14155	16195
Width	mm	2990	3400	3340 - 3900	3340 - 3900
Height	mm	3275	3475	3910	4070



High Track		DX160LC-5 HT	DX180LC-5 HT
Operating weight	kg	17100	19300
Bucket capacity (SAE)	m ³	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.

The Doosan logo is displayed in a bold, italicized, white sans-serif font against a dark rectangular background.