

**DOOSAN**

Full Liner |



# Mini Excavators



➤ **Dx10Z** 

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

## ➤ Mini Excavators

	Unit	Dx10Z	Dx17Z
Operating weight	kg	1200	1700
Bucket capacity (SAE)	m <sup>3</sup>	0.025	0.058
Travel speed	km/h	2.1 - 3.1	2.5 - 4.0
Engine model	-	Kubota D722-EF15	Kubota D722-EF11
Power	hp/kW @ rpm	9.9/7.4 @ 2000	13.3/9.9 @ 2500
Digging reach	mm	3145	3971
Digging depth	mm	1820	2249
Digging height	mm	2685	3378
Length	mm	2793	3450
Width	mm	1100 (710)	1360 (980)
Height	mm	2209	2297



➤ **Dx17Z** 


1700  
13.3/9.9 @ 2500  
0.058



➤ **Dx19** 


1900  
13.3/9.9 @ 2500  
0.065



➤ **Dx63-3** 

6370  
59.4/44.3 @ 2100  
0.175



➤ **Dx85R-3** 

8600  
59.4/44.3 @ 2100  
0.28

Dx19	Dx27Z	Dx35Z	Dx62R-3	Dx63-3	Dx85R-3
1900	2705	3499	6250	6370	8600
0.065	0.08	0.11	0.175	0.175	0.28
2.5 - 4.0	2.5 - 4.3	2.6 - 4.7	2.6 - 4.7	2.6 - 4.7	2.7 - 4.7
Kubota D722-EF11	Kubota D1105-EF07	Kubota D1703- M-DI-EF03	Yanmar 4TNV98	Yanmar 4TNV98	Yanmar 4TNV98
13.3/9.9 @ 2500	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
4257	4518	5230	6525	6355	7430
2565	2547	3117	4115	4115	4725
3701	4230	4804	6005	6005	6980
3812	4325	4823	5670	5685	6265
1360 (980)	1550	1750	1980	1980	2300
2299	2438	2468	2550	2550	2640

# Wheeled Excavators



➤ DX57W-5



Operating weight	kg	5790
Engine power	hp/kW @ rpm	57/42.5 @ 2400
Bucket capacity (SAE)	m <sup>3</sup>	0.19



➤ DX165W-5



16120 - 17920  
137/102.1 @ 2000  
0.24 - 0.76



➤ DX170W-5



16630 - 18700  
137/102.1 @ 2000  
0.32 - 0.90

## ➤ Wheeled Excavators

	Unit	DX57W-5	DX140W-5
Operating weight	kg	5790	14450 - 16750
Bucket capacity (SAE)	m <sup>3</sup>	0.175	0.24 - 0.76
Travel speed	km/h	10 - 30	3.5 - 37
Engine model	-	Doosan D24	Doosan DL06P
Power	hp/kW @ rpm	57/42.5 @ 2400	137/102.2 @ 2000
Digging reach	mm	6108	7585
Digging depth	mm	3495	4490
Digging height	mm	5976	8195
Length	mm	6120	7420
Width	mm	1920	2500
Height	mm	2855	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

DX160W-5	DX165W-5	DX170W-5	DX190W-5	DX210W-5
15040 - 17150	16120 - 17920	16630 - 18700	19000 - 20500	21390 - 21730
0.24 - 0.76	0.24 - 0.76	0.32 - 0.90	0.38 - 0.93	0.51 - 1.32
3.5 - 37	3.5 - 37	3.0 - 37	3.0 - 35	4.0 - 35
Doosan DLo6P	Perkins 1204F	Doosan DLo6P	Doosan DLo6P	Doosan DLo6
137/102.2 @ 2000	137/102.1 @ 2000	137/102.1 @ 2000	173.5/129.4 @ 1900	173.5/129.4 @ 1900
8670	8670	8875	9255	9980
5455	5455	5315	5725	6160
9565	9565	9140	9440	10140
7975	7934	8219	8750	9448
2500	2490	2530	2530	2530
3052	3102	3075	3134	3141

# Crawler Excavators



➤ **DX140LCR-5**



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

## ➤ Crawler Excavators

	Unit	DX140LCR-5	DX140LC-5
Operating weight	kg	15100 - 15500	14100 - 14600
Bucket capacity (SAE)	m <sup>3</sup>	0.24 - 0.76	0.24 - 0.76
Travel speed	km/h	2.8 - 4.7	3.0 - 5.0
Engine model	-	Perkins 1204F	Perkins 1204F
Power	hp/kW @ rpm	115/85.9 @ 2000	115/85.9 @ 2000
Digging reach	mm	8285	8285
Digging depth	mm	5485	5635
Digging height	mm	9265	8660
Length	mm	7360	7685
Width	mm	2590	2590
Height	mm	2835	2785



## 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

DX180LC-5	DX225LC-5	DX235LC-5	DX235NLC-5	DX235LCR-5
18100 - 19400	22100 - 23000	22800 - 23700	22400 - 22800	24300 - 25200
0.38 - 0.93	0.39 - 1.49	0.51 - 1.32	0.51 - 1.32	0.51 - 1.32
3.1 - 5.1	3.0 - 5.5	3.0 - 5.5	3.0 - 5.5	3.2 - 5.8
Perkins 1204F	Doosan DLo6P	Doosan DLo6P	Doosan DLo6	Doosan DLo6
131/97.9 @ 2000	166/124 @ 1800	166/124 @ 1800	166/124 @ 1800	173.5/129.4 @ 1900
9190	9880	9465	9465	9820
6110	6580	6080	6080	6670
9170	9555	9450	9450	10795
8770	9495	9505	9505	8975
2540 - 2800	2990	2990	2990	2990
2925	2980	2985	2985	3080

# Crawler Excavators



➔ **DX255LC-5**



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



➔ **DX380LC-5**



40200 - 41600		42600 - 44100
317.7/237 @ 1800		345/257 @ 1800
1.20 - 2.01		1.44 - 2.31



➔ **DX420LC-5**



## ➔ Crawler Excavators

	Unit	DX255LC-5	DX300LC-7
Operating weight	kg	25400 - 26500	30300
Bucket capacity (SAE)	m <sup>3</sup>	0.51 - 1.49	0.80 - 1.75
Travel speed	km/h	3.1 - 5.3	3.0 - 5.5
Engine model	-	Doosan DLo6	Doosan DLo8V
Power	hp/kW @ rpm	173.5/129.4 @ 1900	271/202 @ 1800
Digging reach	mm	10175	10725
Digging depth	mm	6810	7305
Digging height	mm	9705	10325
Length	mm	10080	10605
Width	mm	3000 - 3200	3000 - 3200
Height	mm	2995	3050





### DX300LC-7



30300  
271/202 @ 1800  
0.80 - 1.75



### DX350LC-7



36000  
280.4/209.1 @ 1800  
2.0



### DX490LC-5



49600 - 51300  
380/283 @ 1800  
1.73 - 3.60



### DX530LC-5




52100 - 53900  
380/283 @ 1800  
1.71 - 3.60


DX350LC-7	DX380LC-5	DX420LC-5	DX490LC-5	DX530LC-5
36000	40200 - 41600	42600 - 44100	49600 - 51300	52100 - 53900
2.0	1.20 - 2.01	1.44 - 2.31	1.71 - 3.60	1.71 - 3.60
3.5 - 5.7	3.4 - 5.9	3.1 - 5.1	3.1 - 5.4	3.1 - 5.4
Doosan DL08V	Scania DC09	Scania DC13	Scania DC13	Scania DC13
280.4/209.1 @ 1800	317.7/237 @ 1800	345/257 @ 1800	380/283 @ 1800	380/283 @ 1800
10980	11170	12125	12125	10735
7540	7460	7790	7790	6755
10325	10390	11050	11050	9630
11350	11280	12230	12230	11530
3000 - 3280	3000 - 3350	3000 - 3350	2990 - 3490	2990 - 3490
3390	3148	3154	3340 - 3900	3340 - 3900
			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 <sup>3</sup>	2.0	2.2



➤ DL280-5 



➤ DL300-5 

15682	18825
176/128 @ 1800	271/202 @ 1800
2.8	3.2

## ➤ Wheel Loaders

	Unit	DL200-5	DL200-TC5	DL220-5
Operating weight	kg	11840	11895	12420
Bucket range (GP)	m <sup>3</sup>	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
Bucket capacity (SAE)	m <sup>3</sup>	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



## DL350-5



19863

271/202 @ 1800

3.5



## DL420-5



22790

345/257 @ 1800

4.2

DL250-5	DL250-TC5	DL280-5	DL300-5	DL350-5	DL420-5
13660	14330	15682	18825	19863	22790
2.4 - 2.5	2.4 - 2.5	2.7 - 2.8	2.7 - 3.2	3.3 - 3.9	3.9 - 4.2
Doosan DLo6	Doosan DLo6	Doosan DLo6	Doosan DLo8	Doosan DLo8	Scania DC13
172/128 @ 2100	176/128 @ 2100	176/128 @1800	271/202 @ 1800	271/202 @ 1800	345/257 @ 1800
2.5	2.5	2.8	3.2	3.7	4.2
10885/9610	9285/8200	12449/10993	14996/13242	16039/14163	18400/16390
3858	3934	3940	3975	4170	4280
107	102	135	168	164	211
39	39	35.5	36.2	36.2	37
6045	6147	6115	6405	6615	6970
20.5 R25	20.5 R25	20.5 R25	23.5 R25	23.5 R25	26.5 R25
7470	7805	7800	8095	8320	9050
2640	2640	2570	2760	2750	2982
3280	3280	3310	3475	3475	3535

# Wheel Loaders



➤ DL420CVT-5



➤ DL450-5



Operating weight	kg	23185	25625
Engine power	hp/kW @ rpm	311/232 @ 1800	345/257 @ 1800
Bucket capacity (SAE)	m <sup>3</sup>	4.2	4.8



➤ DL550-5



➤ DL580-5



31699	35860
380/283 @ 1800	380/283 @ 1800
5.7	6.0

## ➤ Wheel Loaders

	Unit	DL420CVT-5	DL450-5	DL550-5	DL580-5
Operating weight	kg	23185	25625	31699	35860
Bucket range (GP)	m <sup>3</sup>	3.7 - 4.2	4.5 - 5.2	5.5 - 6.1	5.7 - 6.5
Engine model	-	Scania DC09	Scania DC13	Scania DC13	Scania DC13
Power	hp/kW @ rpm	311/232 @ 1800	345/257 @ 1800	380/283 @ 1800	380/283 @ 1800
Bucket capacity (SAE)	m <sup>3</sup>	4.2	4.8	5.7	6.0
Tipping load (straight/full turn at 40°)	kg	18300/16155	20720/18310	25371/22383	29860/26390
Max. dump height on pivot	mm	4280	4500	4795	4780
Breakout force	kN	210	232	246	227
Maximum speed	km/h	38,3	37	37	37
Turning radius at bucket	mm	6955	7235	7615	7637
Tyres	-	26.5 R25	26.5 R25	29.5 R25	29.5 R25
Length	mm	8720	9425	9906	10097
Width	mm	2985	2982	3186	3186
Height	mm	3535	3583	3785	3785

# Articulated Dump Trucks



➤ DA30



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



➤ DA45



Maximum payload	kg	41000
Maximum power (ISO 3046)	kW @ rpm	368 @ 2100
Body capacity heaped (without/with tailgate)	m <sup>3</sup>	24.6/26.1

## ➤ Articulated Dump Trucks

	Unit	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
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

## ➤ Do it all !

Range of Doosan Buckets, Breakers, Quick Couplers, Pallet Forks and more...  
For: Doosan wheel loaders, crawler and wheeled excavators.



## ➤ Material Handler

	Unit	DX250WMH-5
Operating weight	kg	24900
Travel speed	km/h	4 - 20
Engine model	-	Doosan DL06
Power (SAE J1995)	hp/kW @ rpm	173.5/129.4 @ 1900
Max. bucket pin height	mm	12000
Max. working reach	mm	10700
Max. working depth	mm	4700
Min. swing radius	mm	2600
Elevating height	mm	2500



# Special Applications

## ➤ Do even more !

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

## ➤ SLR and Semi-SLR

	Unit	DX225LC-5 SLR	DX300LC-7 SLR	DX530LC-5 Semi-SLR	DX530LC-5 SLR
Operating weight	kg	23900	33000	51100	51500
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	3.1 - 5.4	3.1 - 5.4
Engine model	-	Doosan DL06P	Doosan DL08V	Scania DC13	Scania DC13
Power	hp/kW @ rpm	166/124 @ 1800	271/202 @ 1800	380/283 @ 1800	380/283 @ 1800
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

	Unit	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
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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The Doosan logo consists of the word "DOOSAN" in a bold, italicized, sans-serif font. The letters are white and set against a dark grey rectangular background.

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