

HYDRAULIC EXCAVATORS

Doosan



Highlights of Excavator

Consumption

Lower fuel consumption due to higher fuel efficiency, inter cooled engine, compact aluminium cooling module

Performance

Superior performance through EPOS system - Optimization of highly efficient hydraulic system

Reliability

Enhanced durability of boom and arm by strengthened assembly and improved undercarriage

Maintenance

Easy ground level access and improved maintenance SMS (PC monitoring system)

Working Environment

Wider cabin space with all around visibility, ergonomic operating environment keeps operator comfortable

Specifications

MODELS		UNIT	S 80GOLD	S 150LC-7B	DX210	DX225LCB	S 300 LC-7B	S 340LC-7	S 500LC-V
Operating weight		kg	8,100	13,900	20,150	21,460	29,600	33,900	49,900
Bucket capacity (SAE) std (opt)		m ³	0.32	0.63 (0.25 - 0.75)	0.93	1.0 (0.93)	1.27 (0.8 - 1.75)	1.65 (1.25 - 2.01)	2.75 (0.93 - 3.2)
Travel Speed		km/h	2.7/4.3	3.4/4.9	3.0/5.5	3.0/5.5	3.1/5.2	3.1/4.6	3.1/5.0
Engine	Model	-----	YANMAR/4TNV98-VDB24	DOOSAN DB58TIS	DOOSAN DB58TIA	DOOSAN DB58TIA	DOOSAN D1146TIA	DOOSAN DE12TIS	DOOSAN DE12TIS
	Rated output	Ps (HP)@rpm	56.2(55.43)@2,100	96.32(95)@1,850	150(148)@1,950	150(148)@1,950	200(197)@1,900	250(247)@1,900	316(312)@2,000
	Gross torque	kgf.m/rpm	24.2/1,320	40/1,400	58.5/1,400	58.5/1,400	86/1,300	108/1,400	133/1,400
	Fuel tank capacity	liter	114	230	400	400	450	550	620
Working range	Max. Digging reach	mm	6,349	7,840	9,495	9,495	10,735	10,620	10,290
	Max. Digging depth	mm	4,167	5,225	6,125	6,125	7,330	7,070	6,280
	Max. Digging height	mm	7,121	8,250	9,737	9,737	10,345	10,010	9,410
Dimension	Overall length	mm	6,144	7,700	9,500	9,540	10,620	11,425	11,590
	Overall width (with 600 mm shoe)	mm	2,200 (with 450 mm shoe)	2,600	2,800	2,990	3,200	3,280	3,900
	Overall height	mm	2,660	2,575	3,110	3,110	3,365	3,600	4,140

S - Solar Series, DX - Delux Series