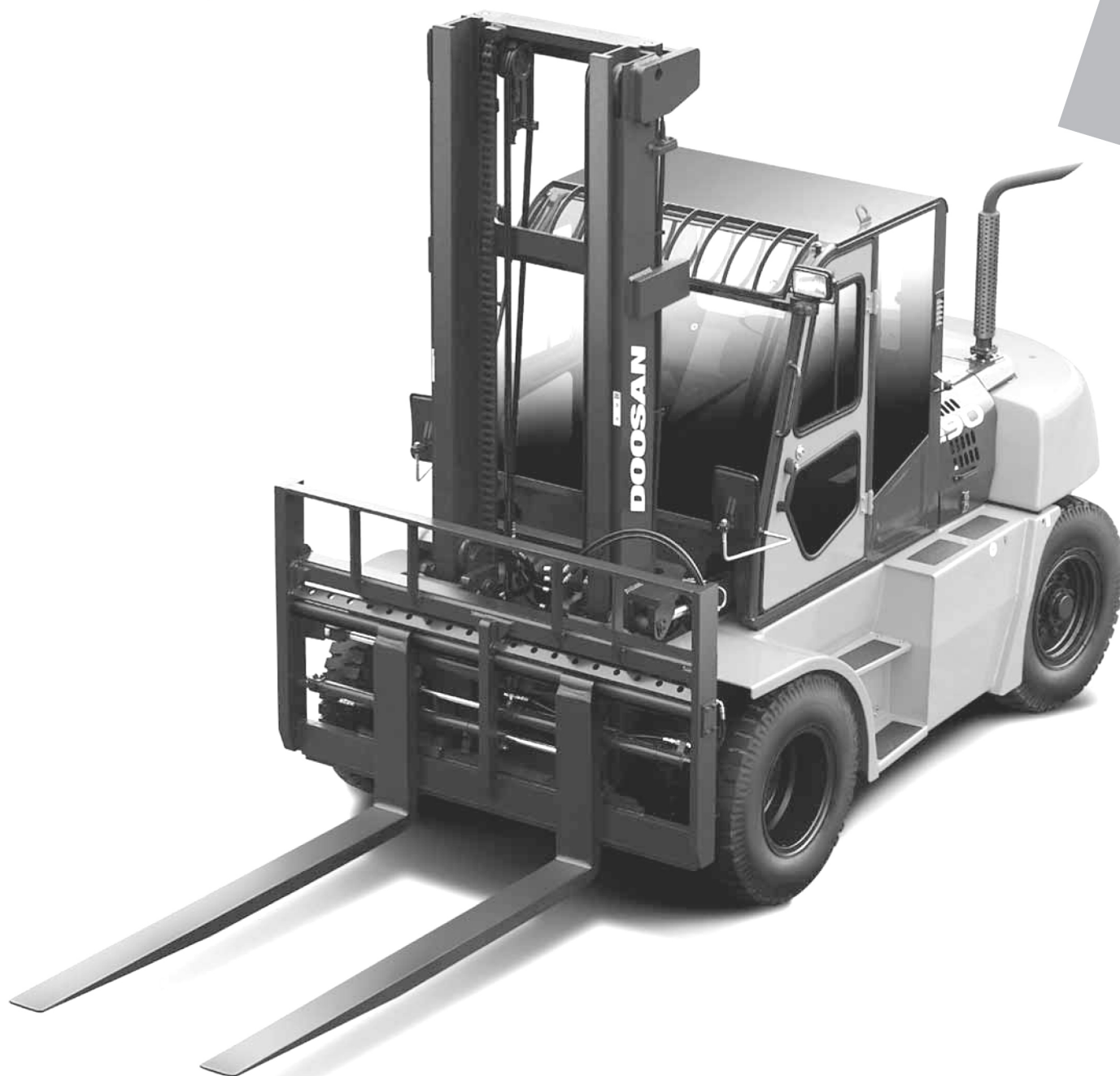


Pro-5 Series Forklifts

Pneumatic Diesel 6 to 9 ton Series

Interim Tier-4 / Stage IIIB



6,000/7,000/8,000/9,000kg Capacities

Engine Powered Forklift Trucks
Pneumatic Tire, Diesel

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer			DOOSAN	DOOSAN
	2	Model			D6oS-5	D6oS-5
	3	Load Capacity	at rated load center	kg	6,000	6,000
	4	Load Center		mm	600	600
	5	Power type	Elec, Diesel, LPG, Gasoline		Diesel	Diesel
	6	Operator type			Rider-seated	Rider-seated
	7	Tire type	P:Pnu, E:Solid Soft, C: Cush		P	P
	8	Wheels (x=Driven)	Front / Rear		x 4 / 2	x 4 / 2
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	mm	3,000	3,000
	10	Free Lift	with STD 2-stage mast	mm	205	205
	11	Forks	Length x Width x Thickness	mm	1,200 x 180 x 60	1,200 x 180 x 60
	12		Fork Spacing(Min x Max)	mm	410 x 2,032	410 x 2,032
	13	Tilt of Mast	Forward / Backward	deg	15 / 10	15 / 10
	14	Overall Dimensions	Length to Fork Face	mm	3,568	3,568
	15		Overall Width	mm	2,108	2,108
	16		Mast Lowered Height	mm	2,500	2,500
	17		Mast Extended Height	mm	4,340	4,340
	18		Overhead Guard Height	mm	2,455	2,455
	19		Seat Height	mm	1,333	1,333
	20	Turning Radius	Minimum outside	mm	3,331	3,331
	21	Load Moment Center		mm	632	632
	22	90 degree stacking Aisle		mm	3,958	3,958
	23	90 degree Intersecting Aisle		mm	3,020	3,020
PERFORMANCE	24	Travel Speed	Loaded / Unloaded	km/h	24 / 26	30 / 34
	25	Lifting Speed	Loaded / Unloaded	mm/s	410 / 450	500 / 500
	26	Lowering Speed	Loaded / Unloaded	mm/s	490 / 460	500 / 450
	27	Max. Drawbar pull	Loaded at 1.0 mph (1.6km / h)	kg	4,866	5,379
	28	Max. Gradeability	Loaded at 1.0 mph (1.6km / h)	%	35	38
	29	Total Service Weight, Unloaded		kg	9,085	9,240
WEIGHT	30	Axle Load	Loaded, Front / Rear	kg	13,430 / 1,655	13,585 / 1,655
	31		Unloaded, Front / Rear	kg	4,145 / 4,940	4,300 / 4,940
	32	Number of wheels(F / R)			4 / 2	4 / 2
CHASSIS	33	Tires	Size, Front		8.25 x 15 - 14PR	8.25 x 15 - 14PR
	34		Size, Rear		8.25 x 15 - 14PR	8.25 x 15 - 14PR
	35	Wheel Base	Distance	mm	2,250	2,250
	36	Tread Width	Front / Rear	mm	1,584 / 1,550	1,584 / 1,550
	37	Ground Clearance	Loaded at the lowest point	mm	176	176
	38		Loaded at center of wheelbase	mm	205	205
	39	Brakes	Service		Foot / Hydraulic	Foot / Hydraulic
	40		Parking		Hand / Mechanical	Hand / Mechanical
POWER TRAIN	41	Battery	Voltage / Ampere	V/AH	24 / 75	24 / 75
	42	Engine	Manufacturer		Kubota	Kubota
	43		Model		V3800	V3800
	44		Rated Power(DIN)	kW/rpm	68.6 / 2,400	82 / 2,400
	45		Maximum Torque	N-m/rpm	335 / 1,500	375.1 / 1,500
	46		Cylinders / Displacements	CC	4 / 3,769	4 / 3,769
	47	Transmission	Type		Power Shift	Full Auto Shift
	48		Number of Speed (Fwd / Rev)		2 / 2	3 / 3

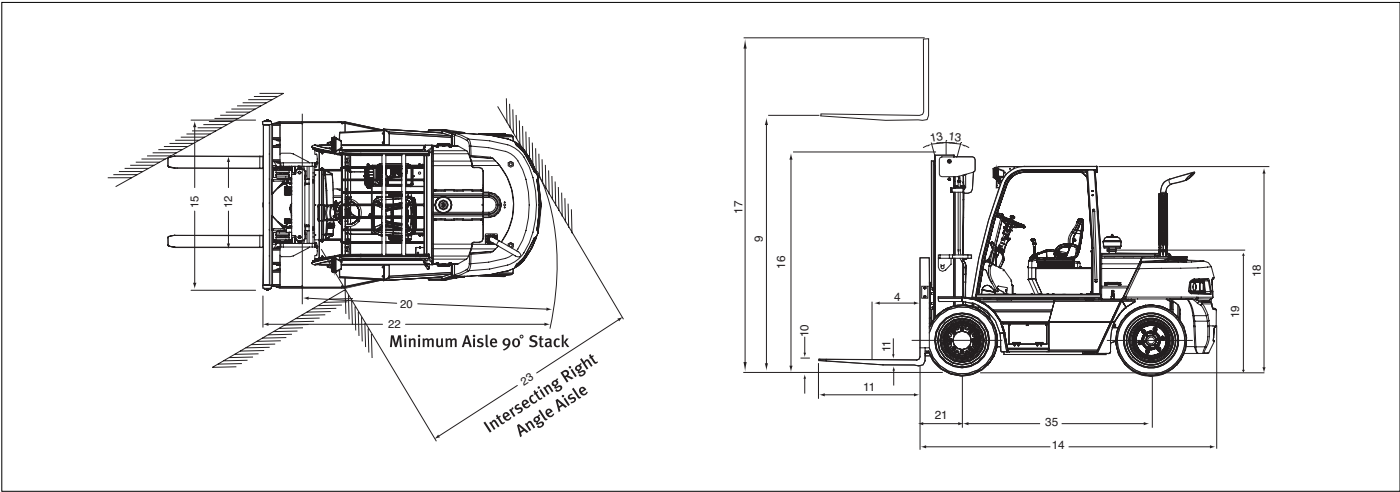
Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.
Products and specifications are subject to improvement and change without prior notices.

6,000/7,000/8,000/9,000kg Capacities

Engine Powered Forklift Trucks
Pneumatic Tire, Diesel

DOOSAN	DOOSAN	DOOSAN	DOOSAN
D7oS-5	D7oS-5	D8oS-5	D9oS-5
7,000	7,000	8,000	9,000
600	600	600	600
Diesel	Diesel	Diesel	Diesel
Rider-seated	Rider-seated	Rider-seated	Rider-seated
P	P	P	P
x 4 / 2	x 4 / 2	x 4 / 2	x 4 / 2
3,000	3,000	3,100	3,100
205	205	215	215
1,200 x 180 x 60	1,200 x 180 x 60	1,200 x 180 x 70	1,200 x 180 x 70
410 x 2,032	410 x 2,032	410 x 2,092	410 x 2,092
15 / 10	15 / 10	15 / 10	15 / 10
3,647	3,647	3,970	4,040
2,108	2,108	2,230	2,230
2,500	2,500	2,835	2,835
4,340	4,340	4,375	4,375
2,455	2,455	2,648	2,648
1,333	1,333	1,526	1,526
3,380	3,380	3,610	3,680
632	632	725	725
4,000	4,000	4,330	4,355
3,058	3,058	3,308	3,327
23.7 / 25.9	29 / 34	29.5 / 36	28 / 35.5
360 / 400	450 / 490	440 / 490	440 / 490
490 / 460	500 / 450	500 / 450	500 / 450
4,829	5,393	5,147	5,115
30	34	27	25
9,810	9,970	11,100	11,995
14,820 / 1,990	14,980 / 1,990	14,705 / 4,395	15,610 / 5,385
3,985 / 5,830	4,150 / 5,820	4,600 / 6,500	4,680 / 7,315
4 / 2	4 / 2	4 / 2	4 / 2
8.25 x 15 - 14PR	8.25 x 15 - 14PR	9.00 x 20 - 14PR	9.00 x 20 - 14PR
8.25 x 15 - 14PR	8.25 x 15 - 14PR	9.00 x 20 - 14PR	9.00 x 20 - 14PR
2,250	2,250	2,500	2,500
1,584 / 1,550	1,584 / 1,550	1,640 / 1,750	1,646 / 1,750
176	176	258	258
205	205	205	205
Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical
24 / 75	24 / 75	24 / 75	24 / 75
Kubota	Kubota	Kubota	Kubota
V3800	V3800	V3800	V3800
68.6 / 2,400	82 / 2,400	82 / 2,400	82 / 2,400
335 / 1,500	375.1 / 1,500	375.1 / 1,500	375.1 / 1,500
4 / 3,769	4 / 3,769	4 / 3,769	4 / 3,769
Power Shift	Full Auto Shift	Full Auto Shift	Full Auto Shift
2 / 2	3 / 3	3 / 3	3 / 3

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

D6oS-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
					D6oS-5		
					Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
	mm	mm	mm	mm	FWD	BWD	LC 600mm
STD	3,000	2,495	4,275	205	deg	deg	kg
	3,500	2,745	4,775	205	15	10	6,000
	3,700	2,845	4,975	205	15	10	6,000
	4,000	2,995	5,275	205	15	10	6,000
	4,500	3,345	5,775	205	15	10	6,000
	5,000	3,595	6,275	205	15	10	6,000
	5,500	3,845	6,775	205	15	10	5,875
FFT	6,000	4,095	7,275	205	15	10	5,675
	4,550	2,540	5,570	1,580	15	10	5,900
	5,000	2,690	6,020	1,730	15	10	5,725
	5,600	2,890	6,620	1,930	15	10	5,500
	6,050	3,040	7,070	2,080	15	10	5,300

D7oS-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
					D7oS-5		
					Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
	mm	mm	mm	mm	FWD	BWD	LC 600mm
STD	3,000	2,495	4,275	205	deg	deg	kg
	3,500	2,745	4,775	205	15	10	7,000
	3,700	2,845	4,975	205	15	10	7,000
	4,000	2,995	5,275	205	15	10	7,000
	4,500	3,345	5,775	205	15	10	7,000
	5,000	3,595	6,275	205	15	10	7,000
	5,500	3,845	6,775	205	15	10	7,000
	6,000	4,095	7,275	205	15	10	6,900
	3,000	2,495	4,275	205	15	10	7,000
	3,500	2,745	4,775	205	15	10	7,000
	3,700	2,845	4,975	205	15	10	7,000
	4,000	2,995	5,275	205	15	10	7,000
	4,500	3,345	5,775	205	15	10	7,000
	5,000	3,595	6,275	205	15	10	7,000
	5,500	3,845	6,775	205	15	10	7,000
	6,000	4,095	7,275	205	15	10	6,900
FFT	4,550	2,540	5,570	1,580	15	10	7,000
	5,000	2,690	6,020	1,730	15	10	7,000
	5,600	2,890	6,620	1,930	15	10	6,725
	6,050	3,040	7,070	2,080	15	10	6,500

Note : Mast Specifications & Rated Capacities are based on standard chassis with dual pneumatic tire and without side shifter.

D8oS-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
					D8oS-5		
					Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
					FWD	BWD	LC 600mm
	mm	mm	mm	mm	deg	deg	kg
STD	3,100	2,835	4,375	215	15	10	8,000
	3,300	2,935	4,575	215	15	10	8,000
	3,600	3,085	4,875	215	15	10	8,000
	4,100	3,435	5,375	215	15	10	8,000
	4,600	3,685	5,875	215	15	10	8,000
	5,100	3,935	6,375	215	15	10	8,000
	5,600	4,185	6,875	215	15	10	8,000
FFT	4,350	2,630	5,625	1,420	15	10	8,000
	4,800	2,780	6,075	1,570	15	10	8,000
	5,400	2,980	6,675	1,770	15	10	8,000
	5,850	3,130	7,125	1,920	15	10	7,900

D9oS-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
					D9oS-5		
					Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
					FWD	BWD	LC 600mm
	mm	mm	mm	mm	deg	deg	kg
STD	3,100	2,835	4,375	215	15	10	9,000
	3,300	2,935	4,575	215	15	10	9,000
	3,600	3,085	4,875	215	15	10	9,000
	4,100	3,435	5,375	215	15	10	9,000
	4,600	3,685	5,875	215	15	10	9,000
	5,100	3,935	6,375	215	15	10	9,000
	5,600	4,185	6,875	215	15	10	9,000
FFT	4,350	2,630	5,625	1,420	15	10	9,000
	4,800	2,780	6,075	1,570	15	10	9,000
	5,400	2,980	6,675	1,770	15	10	9,000
	5,850	3,130	7,125	1,920	15	10	8,850

Note : Mast Specifications & Rated Capacities are based on standard chassis with dual pneumatic tire and without side shifter.

Oil Cooled Disc Brakes
Operator Sensing System
EQUIPPED



(February.2013)



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AUTHORIZED DEALER

Product and specifications are subject to improvement and change without notice.