



Pneumatic Diesel Forklift Trucks

D110/130/160S-5 11,000kg to 16,000kg Capacity







Operator friendly features include:

Spacious Operator compartment Wide operator leg room, tiltable steering column and ergonomically located operator pedals with a low cowl height facilitate ease of operation.

Optional Deluxe Operator Cab

The all round visibility and deluxe operator cab is newly designed for maximum comfort of climate control.

Highly visible front, top glass, side slide windows and numerous options will make operators feel right at home on the job.

Deluxe Suspension Seat

Full suspension deluxe seat with 6 directional adjustments keeps operators fresh and productive throughout the shift.

Integrated Instrument Panel

The centralized and integrated easy-to-read instrument panel maximizes operator efficiency. Fuel gauge, engine hour meter, air pressure gauge, engine oil pressure, coolant and transmission temperature gauge keeps operator aware of all vehicle performance systems

Pilot Actuated Hydraulic Control Valve and levers

with minimal valve throw provides smooth and responsive hydraulics for superb operator control.

Wide Foot Steps and Grab Bar

Wide and large open foot steps with anti-skid surface and a conveniently positioned overhead guard pillar grab bar provide effortless entry and exit.

 Built in Air conditioning Duct and Grills (with Optional Operator Cab)

are operator friendly positioned for maximum comfort in any environment.





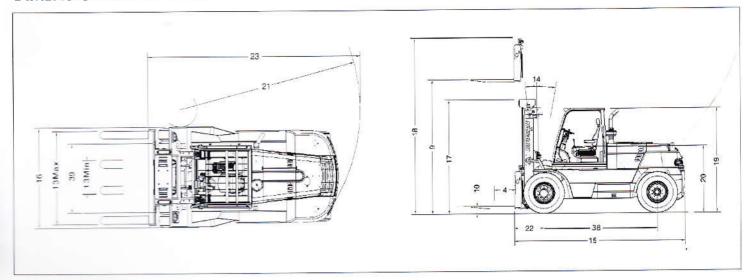


11,000/13,000/16,000 kg Capacities

MAIN VEHICLE SPECIFICATIONS

	Manufacturer			DOOSAN	DOOSAN	DOOSAN
	6495 (COMPANY)			D110S-5	D130S-5	D160S-5
	Model	at rated load center	kg	11,000	13,000	16,000
6500	Load Capacity	at falco tizad oction	mm	600	600	600
_	Load Center Elec, Diesel, LPG, Gasoline			Diesel	Diesel	Diesel
200	1 Ovice Type			driver seated	driver seated	driver sealed
	Operator Type 7 Tire Type P: Pnu. E: Solid Soft, C: Cush			P	Р	Р
	1,000,000			2 x 2/2	2×2/2	2×2/2
	Terrocolar Samuel		mm	3,000	3,000	3,000
_67	, 11000 (0 1 1 2 2		mm	0	0	0
200	Free Lift Fork Carriage ISO Class					7.40
12	Fork Carriage	Length x Width x Thickness	mm	1,350 x 200 x 70	1,350 x 200 x 85	1,350 x 200 x 85
13	Forks	Fork Spacing(Min x Max)	mm	470 x 2,140	470 x 2,140	470 x 2,290
	2	Forward/Backward	deg	15 / 12	15/12	15 / 12
			mm	4.340	4,340	4,750
15	i		mm	2.350	2,350	2.490
16	5	Overall Width	mm	2.970	2,970	3,170
15 16	Overall Dimensions	Mast Lowered Height	mm	4.470	4,470	4.670
18		Mast Extended Height	mm	2,765	2,765	2,928
19		Overhead Guard Height	mm	1.660	1,660	1,820
20		Seat Height	CONTRACTOR I	4.040	4,040	4,400
	1 Turning Radius	Minimum outside	mm	755	760	815
6.0	Load Moment Center		mm	4.790	4,790	5,195
	Aisle 90 degree stacking(add load length & clearance)		mm	33,0 / 36.0	33.0 / 36.0	29.0 / 33.0
2	4 Travel Speed	Loaded/Unloaded	km/h	450 / 490	430 / 490	375 / 440
2	5 Litting Speed	Loaded/Unloaded	- mm/s	480 / 430	480/430	430 / 410
	Lowering Speed Loaded/Unloaded		mm/s	8,080	8,080	10,400
2	8 Max. drawbar pull	Loaded at 1.0 mpn(1.6 km/h)	kg	33	29.5	28.5
3	Max. gradeability	Loaded at 1.0 mph(1.6 km/h)	90	15,540	16.800	18.900
3	72 Total Service Weight		kg	23,340 / 3,200	26,500 / 3,300	31,870 / 3,030
3 3	Axle Load	Loaded, Front / Rear	kg	7,110 / 8,430	7 300 / 9 500	8,680 / 10,220
3	34	Unloaded, Front / Rear	kg	200 00000000000000000000000000000000000	4/2	4/2
13	35	Number of wheels (F/R)		4 / 2 10.00 x 20 - 16PR	10.00 x 20 16PR	12.00 x 20 - 18PR
1	36 Tires	Size , Front		500,000	10.00 x 20 - 16PR	12.00 x 20 - 18PR
1	37	Size , Roar		10.00 x 20 16PR	2,850	3,150
000	38 Wheel Base	Distance	mm	2,850	1,724 / 1.860	1,825 / 1,910
CHASSIS	39 Tread Width	Front / Rear	mm	1,724 / 1,860	224	224
3	40 Ground Cléarance	Loaded at the lowest point	mni	224	363	363
	41	Loaded at center of wheelbase	mm	363	Foot / Air	Foot / Air
	42 Brakes	Service		Foot / Air	Hand / Air	Hand / Air
	43	Parking		Hand / Air	24(12 x 2) / 100	24(12 x 2) / 100
	5 Battery Voltage / Ampere		V/AH	24(12 x 2) / 100	Doosan	Doosan
-	49	Manufacturer		Doosan	DE081S	DE08TS
		Model	Total State of	DE08TS	William Account to	160 / 2.200
Z	50 Engine	Rated Power (DIN)	HP(PS)/rpm	140 / 2,200	140 / 2,200	118 / 2.200
LEA	8.00		kW/rpm	109 / 2,200	103 / 2,200	63 / 1.400
EB	51	Maximum Torque	kgm/rpm CC	55 / 1.400	55 / 1,400	5 / 8,071
POWER TRAIN	52	Cylinders/ Displacements		678,071	678.071 Full Autoshift	Full Autoshift
п	Type			Full Autoshiff		3/3
	55	Number of Speed (Fwd/Rev)		3/3	3/3	210
- 8		System	bar	190	190	210

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

	Mast	Maximum	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
Model	Type	Fork				Tilt Angle		LC 600mm
	85	Height				FWD	BWD	
		mm	mm	mm	mm	deg	deg	kg
D110S-5	STD	3000	2965	4465	0	15	12	11000
		3500	3215	4965	0	15	12	11000
		4000	3465	5465	0	15	12	11000
		4500	3715	5965	0	15	12	11000
		5000	4165	6665	0	15	12	11000
		5500	4415	7165	0	15	12	10500
	2/	6000	4665	7665	0	15	12	9500
D130S-5	STD	3000	2965	4465	0	15	12	13000
		3500	3215	4965	0	15	12	13000
		4000	3465	5465	0	15	12	13000
		4500	3715	5965	0	15	12	13000
		5000	4165	6665	O	15	12	13000
		5500	4415	7165	O	15	12	12000
		6000	4665	7665	0	15	12	11000
D160S-5	STD	2900	2950	4400	0	15	12	16000
		3000	3170	4670	0	15	12	16000
		3500	3420	5170	0	15	12	16000
		4000	3670	5670	0	15	12	16000
	E V	4500	3920	6170	0	15	12	16000
3		5000	4370	6870	0	15	12	16000
		5500	4620	7370	0	15	12	15000
		6000	4870	7870	0	15	12	14000
	FFT	3700	2930	5335	1380	15	10	15000
	<i>#</i>	4000	3030	5635	1480	15	10	15000
		4500	3195	6130	1645	15	10	15000
	0	5000	3360	6635	1815	15	10	15000
		5500	3530	7135	1980	15	10	14400
		6000	2605	7630	2145	15	10	13400