

Proven Quality,
Responsive Service and
A Reliable Partner....

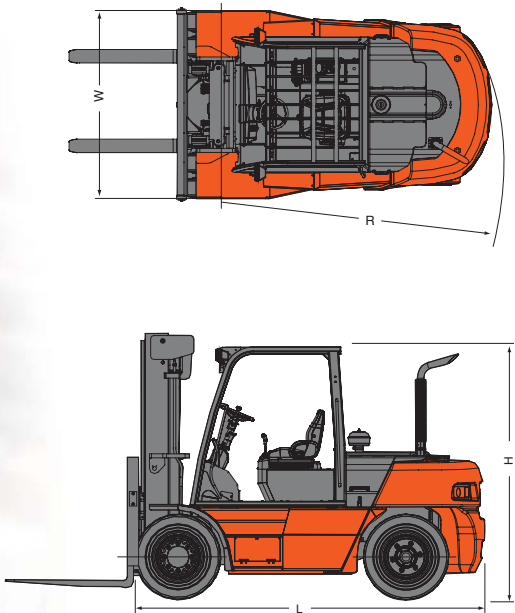
After sales servicing of Doosan forklifts is available from the selling dealership backed by Doosan’s own customer service center. And Doosan provides 100% parts inventory to insure any downtime is minimized.

When you own a Doosan forklift, our high quality, responsive customer support team comes with it.

The Doosan network starts with your local dealer and ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.



DRIVE THE DIFFERENCE...



Option Availability

Options	● : Standard ○ : Optional		
	D50/60/70S-5	D80/90S-5	G50/60/70S-5
Fuel Cap with Key	○	○	n/a
Precleaner	○	○	○
Vertical Exhaust Tube	●	●	○
Catalytic Muffler	○	○	○
Air conditioner	○	○	○
Non Marking Tire(Solid)	○	○	○
Spark Arrestor(w,w/o C/B)	○	○	n/a
Mono Pad Foot Direction and Acceleration Control	○	○	○
AutoShift-3Speed (Single,Dual Tire)	●	●	○
AutoShift-2Speed (Single,Dual Tire)	○	●	○
Engine Shutdown	○	○	○
Swingdown LP MTG	n/a	n/a	●
Lift and Tilt locking Hydraulic Control Valve	●	●	●
Auto Tilt Leveling	○	○	○
Hydraulic Accumulator	○	○	○
Intergral fork mover	○	○	○
Intergral Side shift and forkmover	○	○	○
Hook on Sideshifter	○	○	○
UL LPS,DS Rating	○	○	○

Main Specification

Sales Model		D50S-5	D60S-5	D70S-5	D80S-5	D90S-5
Rated Load Capacity	lb(kg)	11,000(5,000)	13,500(6,000)	15,500(7,000)	17,500(8,000)	20,000(9,000)
Load Center	in(mm)	24(600)	24(600)	24(600)	24(600)	24(600)
Overall Length to Fork Face	L	in(mm)	138.1(3,507)	140.5(3,568)	143.6(3,647)	156.3(3,970)
Truck Overall Width	W	in(mm)	83.0(2,108)	83.0(2,108)	83.0(2,108)	87.8(2,230)
Height of Overhead Guard	H	in(mm)	96.7(2,455)	96.7(2,455)	96.7(2,455)	104.3(2,648)
Minimum Turning Radius	R	in(mm)	130.0(3,301)	131.1(3,331)	133.1(3,380)	142.1(3,610)
Travel Speed, Loaded	mph(km/h)	18.4(29.6)	18.1(29.1)	17.7(28.5)	18.5 (29.8)	17.2 (27.7)
Lifting Speed, Loaded	fpm(mm/s)	98.3(500)	96.5(490)	87.6(445)	84.6 (430)	84.6 (430)
Wheel Base	mm	88.6(2,250)	88.6(2,250)	88.6(2,250)	98.4(2500)	98.4(2500)
Engine Models		DB58S	DB58S	DB58S	DB58S	DB58S
Rated Power of Engine	HP(kW)/rpm	99(74)/2,200	99(74)/2,200	99(74)/2,200	99(74)/2200	99(74)/2200
Max Torque	lb.ft(kgf.m)/rpm	267(37)/1,600	267(37)/1,600	267(37)/1,600	267(37)/1600	267(37)/1600
Displacements	cc	5,785	5,785	5,785	5785	5785
Transmission type		Auto Shift	Auto Shift	Auto Shift	Auto Shift	Auto Shift
Transmission no. speeds forward/reverse		3/3	3/3	3/3	3/3	3/3

Sales Model		D50S-5	D60S-5	D70S-5	G50S-5	G60S-5	G70S-5
Rated Load Capacity	lb(kg)	11,000(5,000)	13,500(6,000)	15,500(7,000)	11,000(5,000)	13,500(6,000)	15,500(7,000)
Load Center	in(mm)	24(600)	24(600)	24(600)	24(600)	24(600)	24(6,00)
Overall Length to Fork Face	L	in(mm)	138.1(3,507)	140.5(3,568)	138.1(3,507)	140.5(3,568)	143.6(3,647)
Truck Overall Width	W	in(mm)	83.0(2,108)	83.0(2,108)	83.0(2,108)	83.0(2,108)	83.0(2,108)
Height of Overhead Guard	H	in(mm)	96.7(2,455)	96.7(2,455)	96.7(2,455)	96.7(2,455)	96.7(2,455)
Minimum Turning Radius	R	in(mm)	130.0(3,301)	131.1(3,331)	133.1(3,380)	131.1(3,331)	133.1(3,380)
Travel Speed, Loaded	mph(km/h)	15.5(25)	15.2(24.5)	14.9(24)	14.9(24)	14.8(23.8)	14.7(23.6)
Lifting Speed, Loaded	fpm(mm/s)	81.7(415)	81.7(415)	81.7(415)	74.8(380)	74.8(380)	74.8(380)
Wheel Base	mm	88.6(2,250)	88.6(2,250)	88.6(2,250)	88.6(2,250)	88.6(2,250)	88.6(2,250)
Engine Models		DB58S	DB58S	DB58S	G643,G643E	G643,G643E	G643,G643E
Rated Power of Engine	HP(kW)/rpm	93(69)/2,400	93(69)/2,400	93(69)/2,400	93(69)/2,450	93(69)/2,450	93(69)/2,450
Max Torque	lb.ft(kgf.m)/rpm	239(33)/1,600	239(33)/1,600	239(33)/1,600	222(31)/1,400	222(31)/1,400	222(31)/1,400
Displacements	cc	5,785	5,785	5,785	4,294	4,294	4,294
Transmission type		Power Shift	Power Shift	Power Shift	Power Shift	Power Shift	Power Shift
Transmission no. speeds forward/reverse		2/2	2/2	2/2	2/2	2/2	2/2

DRIVE DOOSAN !

11,000/13,500/15,500lb Capacities

Engine Powered Forklift Trucks

Pneumatic Tire

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	
	2	Model			D50S-5	D60S-5	D70S-5	D80S-5	D90S-5	
	3	Load Capacity	at rated load center	lb(kg)	11,000(5,000)	13,500(6,000)	15,500(7,000)	17,500(8,000)	20,000(9,000)	
	4	Load Center		in(mm)	24(600)	24(600)	24(600)	24(600)	24(600)	
	5	Power type	Elec, Diesel, LPG, Gasoline		Diesel	Diesel	Diesel	Diesel	Diesel	
	6	Operator type			Driver-seated	Driver-seated	Driver-seated	Driver-seated	Driver-seated	
	7	Tire type	P:Pnu, E:Solid Soft, C: Cush		P	P	P	P	P	
	8	Wheels (x=Driven)	Front / Rear		x 4 / 2	x 4 / 2	x 4 / 2	x 4 / 2	x 4 / 2	
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	118.1(3,000)	118.1(3,000)	118.1(3,000)	122(3,100)	122(3,100)	
	10	Free Lift		in(mm)	8.1(205)	8.1(205)	8.1(205)	8.5(215)	8.5(215)	
	12	Fork Carriage	ISO Class		IV	IV	IV	V	V	
	13	Forks	Length x Width x Thickness	in(mm)	47.2x5.9x2.4 (1,200x150x60)	47.2x7.1x2.4 (1,200x180x60)	47.2x7.1x2.4 (1,200x180x60)	47.2x7.1x2.8 (1,200x180x70)	47.2x7.1x2.8 (1,200x180x70)	
			Fork Spacing(Min x Max)	in(mm)	13.8x80.0 (350x2,032)	16.1x80.0 (410x2,032)	16.1x80.0 (410x2,032)	16.1x82.3 (410x2,092)	16.1x82.3 (410x2,092)	
		14	Tilt of Mast	Forward / Backward	deg	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10
		15	Overall Dimensions	Length to Fork Face	in(mm)	138.1(3,507)	140.5(3,568)	143.6(3,647)	156.3(3,970)	159.1(4,040)
	16	Overall Width		in(mm)	83.0(2,108)	83.0(2,108)	83.0(2,108)	87.8(2,230)	87.8(2,230)	
	17	Mast Lowered Height		in(mm)	98.4(2,500)	98.4(2,500)	98.4(2,500)	111.6(2,835)	111.6(2,835)	
	18	Mast Extended Height		in(mm)	170.1(4,340)	170.1(4,340)	170.1(4,340)	172.2(4,375)	172.2(4,375)	
	19	Overhead Guard Height		in(mm)	96.7(2,455)	96.7(2,455)	96.7(2,455)	104.2(2,648)	104.2(2,648)	
	20	Seat Height		in(mm)	52.5(1,333)	52.5(1,333)	52.5(1,333)	60.1(1,526)	60.1(1,526)	
	21	Turning Radius	Minimum outside	in(mm)	130.0(3,301)	131.1(3,331)	133.1(3,380)	142.1(3,610)	144.9(3,680)	
	22	Load Moment Center		in(mm)	24.9(632)	24.9(632)	24.9(632)	28.5(725)	28.5(725)	
	23	Aisle 90 degree stacking(add load length & clearance)		in(mm)	154.5(3,924)	155.9(3,958)	157.5(4,000)	170.5(4,330)	171.5(4,355)	
PERFORMANCE	24	Travel Speed	Loaded / Unloaded	mph(km/h)	18.4 / 20.1 (29.6 / 32.4)	18.1 / 20.0 (29.1 / 32.2)	17.7 / 20.0 (28.5 / 32.0)	18.5 / 21.0 (29.8 / 33.8)	17.2 / 20.7 (27.7 / 33.4)	
	25	Lifting Speed	Loaded / Unloaded	fpm(mm/s)	98.3 / 104.3 (500 / 530)	96.5 / 104.3 (490 / 530)	87.6 / 92.5 (445 / 470)	84.6 / 92.5 (430 / 470)	84.6 / 92.5 (430 / 470)	
	26	Lowering Speed	Loaded / Unloaded	fpm(mm/s)	98.6 / 88.6 (501 / 450)	98.6 / 88.6 (501 / 450)	98.2 / 88.6 (499 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	
	28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)	lb(kg)	12,495(5,668)	12,399(5,624)	12,329 (5,592)	12,120(5,498)	12,012(5,449)	
	30	Max. gradeability	Loaded at 1.0 mph (1.7km / h)	%	49.2	42.4	37.2	30.6	28.6	
WEIGHT	32	Total Service Weight, Unloaded		lb(kg)	18,894(8,570)	20,371(9,240)	21,980(9,970)	25,452(11,545)	26,884(12,195)	
	33	Axle Load	Loaded, Front / Rear	lb(kg)	26,841 / 2,075 (12,175 / 1,395)	29,950 / 3,649 (13,585 / 1,655)	33,025 / 4,387 (14,980 / 1,990)	32,893 / 9,612 (14,920 / 4,360)	37,302 / 10,372 (16,920 / 4,705)	
	34		Unloaded, Front / Rear	lb(kg)	9,778 / 9,116 (4,435 / 4,135)	9480 / 1891 (4,300 / 4,940)	9,149.2 / 12,831 (4,150 / 5,820)	10,141 / 14,330 (4,600 / 6,500)	10,317 / 16,127 (4,680 / 7,315)	
CHASSIS	35	Tires	Number of wheels(F / R)		4 / 2	4 / 2	4 / 2	4 / 2	4 / 2	
	36		Size, Front		8.25x15-14PR	8.25x15-14PR	8.25x15-14PR	9.00x20-14PR	9.00x20-14PR	
	37		Size, Rear		8.25x15-14PR	8.25x15-14PR	8.25x15-14PR	9.00x20-14PR	9.00x20-14PR	
	38	Wheel Base	Distance	in(mm)	88.6(2,250)	88.6(2,250)	88.6(2,250)	98.4(2,500)	98.4(2,500)	
	39	Tread Width	Front / Rear	in(mm)	62.3 / 61.0 (1,584 / 1,550)	62.3 / 61.0 (1,584 / 1,550)	62.3 / 61.0 (1,584 / 1,550)	64.8 / 68.9 (1,646 / 1,750)	64.8 / 68.9 (1,646 / 1,750)	
	40	Ground Clearance	Loaded at the lowest point	in(mm)	6.9(176)	6.9(176)	6.9(176)	10.2(258)	10.2(258)	
	41		Loaded at center of wheelbase	in(mm)	8.1(205)	8.1(205)	8.1(205)	11.5(292)	11.5(292)	
	42	Brakes	Service		Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd	
	43		Parking		Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	
POWER TRAIN	45	Battery	Voltage / Ampere	V/AH	24 / 75	24 / 75	24 / 75	24 / 75	24 / 75	
	49	Engine	Model		DB58S	DB58S	DB58S	DB58S	DB58S	
	50		Rated Power(DIN)	HP/rpm	99 / 2,200	99 / 2,200	99 / 2,200	99 / 2,200	99 / 2,200	
				kW/rpm	74 / 2,200	74 / 2,200	74 / 2,200	74 / 2,200	74 / 2,200	
	51		Maximum Torque	lb · ft/rpm	267 / 1,600	267 / 1,600	267 / 1,600	267 / 1,600	267 / 1,600	
		kg · m/rpm		37 / 1,600	37 / 1,600	37 / 1,600	37 / 1,600	37 / 1,600		
	52		Cylinders / Displacements	cc	6 / 5,785	6 / 5,785	6 / 5,785	6 / 5,785	6 / 5,785	
	55	Transmission	Type		Autoshift	Autoshift	Autoshift	Autoshift	Autoshift	
			Number of Speed (Fwd / Rev)		3 / 3	3 / 3	3 / 3	3 / 3	3 / 3	
57	Hydraulic Pressure	System	psi(bar)	3,050(210)	3,050(210)	3,050(210)	3,180(219)	3,410(235)		
		Attachment	psi(bar)	2030(140)	2,030(140)	2,030(140)	2,030(140)	2,030(140)		

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.