OCTANE FORKLIFTS

FD SERIES *8,000 / 9,000 / 10,000 lbs.*

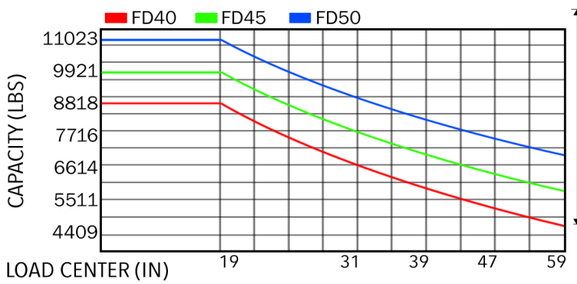
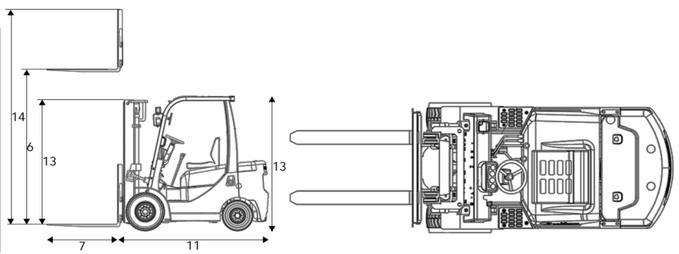
Counterbalanced Forklift Trucks

- Reliable, Durable, Consistent Power and Strength
- Performs Well in Outdoor Work Environments
- Low Maintenance and Meets All EPA/CARB Standards
- Powered by Deutz Powerplants

DEUTZ®

FD SERIES 40 - 45 - 50 DIESEL FORKLIFT MAST OPTIONS

TYPE	MODEL	LIFT HEIGHT (IN)	LOAD CAPACITY (LBS)			OVERALL HEIGHT (IN)			FREE LIFT (IN)		TILT ANGLE
			40	45	50	MAST LOWERED	MAST EXTENDED WITH LBR	MAST EXTENDED WITHOUT LBR	MAST EXTENDED WITH LBR	MAST EXTENDED WITHOUT LBR	F/R (DEG)
2-STAGE MAST	M200	78.8	8048	9053	10061	79.6	144.4	131.9			6/12
	M250	98.5	8048	9053	10061	83.5	152.3	139.9			6/12
	M300	118.2	8048	9053	10061	89.4	164.1	151.7			6/12
	M330	130.0	8048	9053	10061	95.4	175.9	163.5			6/12
	M350	137.9	8048	9053	10061	99.3	183.8	171.4			6/12
	M370	145.8	8048	9053	9678*10081	103.2	191.7	179.3			6/12
	M400	157.6	8048	9053	9275*10081	111.1	203.5	191.1			6/12
	M450	177.3	7256*7661	8065*9072	8669*9878	120.9	223.2	210.8			6/6
	M500	197.0	6250*7055	7258*8669	7864*9072	130.8	242.9	230.5			6/6
	M550	216.7	5745*6352	6049*7661	6854*8267	142.6	262.6	250.2			3/6
	M600	236.4	4636*5847	5040*6653	5443*7057	152.5	282.3	269.9			3/6
2-STAGE FULL FREE	Z200	78.8	8048	9053	10061	79.6	144.4	131.9	29.4	47.1	6/12
	Z250	98.5	8048	9053	10061	83.5	152.3	139.9	33.3	51.0	6/12
	Z300	118.2	8048	9053	10061	89.4	164.1	151.7	39.2	56.9	6/12
	Z330	130.0	8048	9053	10061	95.4	175.9	163.5	45.1	62.8	6/12
	Z350	137.9	8048	9053	10061	99.3	183.8	171.4	49.1	66.8	6/12
	Z370	145.8	8048	9053	9678*10081	103.2	191.7	179.3	52.9	70.7	6/12
	Z400	157.6	7864*8065	8669*9072	9275*10081	111.1	203.5	191.1	58.9	76.6	6/12
3-STAGE MAST	S370	145.8	7847	8853	9678*9879	79.0	192.3	179.3	32.9	53.2	6/6
	S400	157.6	7847	8669*8871	9072*9475	82.9	204.1	191.1	36.8	57.1	6/6
	S435	171.4	7560*7864	8267*8871	8669*9275	87.5	217.9	204.9	41.4	61.7	6/6
	S450	177.3	7258*7661	7864*8871	8468*9275	89.4	223.8	210.8	43.3	63.6	6/6
	S480	189.1	6552*7359	7661*8669	8065*9072	93.4	235.6	222.6	47.3	67.6	6/6
	S500	197.0	6049*7057	7258*8465	7661*8669	95.9	243.5	230.5	49.8	70.1	6/6
	S550	216.7	5545*6352	5845*7460	6250*7864	102.4	263.2	250.2	56.3	76.6	3/6
	S600	236.4	4436*5847	4839*6451	5243*6854	113.1	282.9	269.9	66.9	87.3	3/6

FD SERIES 40 - 45 - 50 DIESEL FORKLIFT SPECIFICATIONS

		MODEL			FD40	FD45	FD50
GENERAL	1	POWER TYPE			DIESEL	DIESEL	DIESEL
	2	RATED CAPACITY		LBS	8818	9921	11023
	3	LOAD CENTER		IN	24	24	24
CHARACTERISTICS & DIMENSIONS	4	LIFT HEIGHT		IN	118.1	118.1	118.1
	5	FORK SIZE	L x W x T	IN	42 x 5.9 x 1.9	42 x 5.9 x 1.9	42 x 5.9 x 1.97
	6	MAST TILT ANGLE	F/R	DEG	6/12	6/12	6/12
	7	FRONT OVERHANG (WHEEL CENTER TO FORK FACE)		IN	22.4	22.4	22.4
	8	GROUND CLEARANCE (BOTTOM OF MAST)		IN	6.3	6.3	6.3
	9	OVERALL DIMENSION	LENGTH TO FACE OF FORK (W/O FORK)	IN	126.8	126.8	126.8
	10		OVERALL WIDTH	IN	58.3	58.3	58.3
	11		MAST LOWERED HEIGHT	IN	91.7	91.7	91.7
	12		MAST EXTENDED HEIGHT (W/ LBR)	IN	167.3	167.3	167.3
	13		OVERALL GUARD HEIGHT	IN	91.3	91.3	91.3
	14	TURNING RADIUS (OUTSIDE)		IN	114.2	114.2	115.7
	15	MIN. INSECTING AISLE		IN	114.9	114.9	115.7
PERFORMANCE	16	SPEED	TRAVEL (EMPTY LOAD)	MPH	15.5	15.5	15.5
	17		LIFTING (FULL LOAD)	IN/S	18.1	17.7	17.3
	18	MAX GRADEABILITY		%	20	20	20
CHASSIS	19	TIRE	FRONT		11.8 - 15 - 8PR	11.8 - 15 - 18PR	30 x 15 - 18PR
	20		REAR		7 -12 - 12PR	7 - 12 -12PR	7 - 12 -12PR
	21	WHEELBASE		IN	82.7	82.7	82.7
	22	SERVICE WEIGHT		LBS	14220	14727	15212
POWER & TRANSMISSION	23	BATTERY	VOLTAGE/CAPACITY	V/Ah	12/80	12/80 x 2	12/80 x 2
	24	ENGINE	MODEL			TCD 3.6-55	
	25		MANUFACTURER			DEUTZ	
	26		RATED OUTPUT/R.P.M.	HP		74/2600	
	27		RATED TORQUE/R.P.M.	TQ		243/1500	
	28		NO. OF CYLINDER			4	
	29		BORE x STROKE	MM		98 x 120	
	30		DISPLACEMENT	CC		3605	
	31		FUEL TANK CAPACITY	G	27.7	27.7	27.7
	32	TRANSMISSION	TYPE		HYDRAULIC	HYDRAULIC	HYDRAULIC
	33	STAGE	FWD/RVS		2/1	2/1	2/1
	34	OPERATING PRESSURE FOR ATTACHMENT		PSI	19	17.5	17.5