

# FD SERIES 4,000 / 5,000 / 5,500 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 Mitsubishi Diesel Engines



### FD SERIES 20 - 25 - 25BCS DIESEL FORKLIFT MAST OPTIONS

TYPE	MODEL	LIFT HEIGHT (IN)	LOAD CAPACITY (LBS)			OVERALL HEIGHT (IN)			FREE LIFT (IN)		TILT ANGLE F/R (DEG)
			20	25	25BCS	MAST LOWERED	MAST EXTENDED WITH LBR	MAST EXTENDED WITHOUT LBR	WITH LBR	WITHOUT LBR	
2-STAGE MAST	M200	78.8	3989	4985	5185	61.3	116.6	100.5			6/12
	M250	98.5	3989	4985	5185	71.1	136.3	120.2			6/12
	M300	118.2	3989	4985	5185	80.9	156.0	139.9			6/12
	M330	130.0	3989	4985	5185	86.9	167.8	151.7			6/12
	M350	137.9	3989	4985	5185	90.8	175.7	159.6			6/12
	M370	145.8	3989	4985	5185	94.8	183.6	167.5			6/12
	M400	157.6	3989	4985	5185	102.6	195.4	179.3			6/12
	M450	177.3	3598*3796	4297*4797	4497*4997	112.5	215.1	198.9			6/6
	M500	197.0	3197*3397	3397*4396	3597*4596	122.3	234.8	218.7			6/6
	M550	216.7	2298*3197	3098*3898	3298*4098	134.2	254.5	238.4			3/6
M600	236.4	1898*2599	2000*3598	2200*3798	144.0	274.2	258.1			3/6	
2-STAGE FULL FREE	Z200	78.8	3989	4985	5185	61.3	121.2	104.8	20.1	36.6	6/12
	Z250	98.5	3989	4985	5185	71.1	140.9	124.5	29.9	46.5	6/12
	Z300	118.2	3989	4985	5185	80.9	160.6	144.2	39.8	56.3	6/12
	Z330	130.0	3989	4985	5185	86.9	172.4	156.0	45.7	62.3	6/12
	Z350	137.9	3989	4985	5185	90.8	180.3	163.9	49.6	66.2	6/12
	Z370	145.8	3989	4985	5185	94.8	188.1	171.8	53.6	70.1	6/12
	Z400	157.6	3989	4985	5185	102.6	199.9	183.6	61.5	78.0	6/12
3-STAGE MAST	S370	145.8	3989	4985	5185	70.5	187.9	171.6	29.4	45.7	6/6
	S400	157.6	3788	4787	4987	74.5	199.8	183.4	33.3	49.6	6/6
	S435	171.4	3697*3796	4396*4797	4596*4997	79.0	213.6	197.2	37.8	54.2	6/6
	S450	177.3	3497*3598	4296*4597	4496*4797	80.9	219.5	203.1	39.8	56.1	6/6
	S480	189.1	3397*3598	3898*4597	4098*4797	84.9	231.3	214.9	43.7	60.1	6/6
	S500	197.0	3098*3497	3497*4497	3697*4697	87.7	239.2	222.8	46.5	62.8	6/6
	S550	216.7	2798*3397	2298*4297	2498*4497	96.1	258.9	242.5	55.2	71.5	3/6
	S600	236.4	1799*3197	2000*3598	2200*3798	102.6	278.6	262.2	61.9	78.2	3/6

### FD SERIES 20 - 25 - 25BCS DIESEL FORKLIFT SPECIFICATIONS

		MODEL		FD20	FD25	FD25BCS		
GENERAL	1	POWER TYPE		DIESEL	DIESEL	DIESEL		
	2	RATED CAPACITY	LBS	4409	5511	5711		
	3	LOAD CENTER	IN	24	24	24		
	4	LIFT HEIGHT	IN	118.1	118.1	118.1		
CHARACTERISTICS & DIMENSIONS	5	FORK SIZE	L x W x T	42 x 4.7 x 1.4	42 x 4.7 x 1.4	42 x 4.7 x 1.4		
	6	MAST TILT ANGLE	F/R	6/12	6/12	6/12		
	7	FRONT OVERHANG (WHEEL CENTER TO FORK FACE)	IN	18.5	18.5	18.5		
	8	GROUND CLEARANCE (BOTTOM OF MAST)	IN	4.7	4.7	4.7		
	9		LENGTH TO FACE OF FORK (W/O FORK)	IN	105.4	105.4	100.4	
	10		OVERALL WIDTH	IN	46.7	46.7	46.7	
	11	OVERALL DIMENSION	MAST LOWERED HEIGHT	IN	80.9	80.9	80.9	
	12		MAST EXTENDED HEIGHT (W/ LBR)	IN	161.7	161.7	161.7	
	13		OVERALL GUARD HEIGHT	IN	81.5	81.5	81.5	
	14		TURNING RADIUS (OUTSIDE)	IN	91	91	91	
	15		MIN. INSECTING AISLE	IN	83.8	83.8	83.8	
PERFORMANCE	16	SPEED	TRAVEL (EMPTY LOAD)	MPH	9.3	9.3	9.3	
	LIFTING (FULL LOAD)		IN/S	18.1	18.1	18.1		
	18	MAX GRADEABILITY	%	20	20	20		
CHASSIS	19	TIRE	FRONT		7 - 12 - 12PR	7 - 12 - 12PR	7 - 12 - 12PR	
	20		REAR		6.0 - 9 - 10PR	6.0 - 9 - 10PR	6.0 - 9 - 10PR	
	21		WHEELBASE	IN	63	63	63	
	22		SERVICE WEIGHT	LBS	7848	8157	8257	
POWER & TRANSMISSION	23	BATTERY	VOLTAGE/CAPACITY	V/Ah	12/80	12/80	12/80	
	24	ENGINE	MODEL			D04EG		
	25		MANUFACTURER			Mitsubishi		
	26		RATED OUTPUT/R.P.M.	HP		46/2250		
	27		RATED TORQUE/R.P.M.	TQ		177/1800		
	28		NO. OF CYLINDER			4		
	29		BORE x STROKE	MM		88 x 102		
	30		DISPLACEMENT	CC		1861		
	31		FUEL TANK CAPACITY	G		15.9	15.9	15.9
	32		TRANSMISSION	TYPE		HYDRAULIC	HYDRAULIC	HYDRAULIC
33		STAGE	FWD/RVS		1/1	1/1	1/1	
34		OPERATING PRESSURE FOR ATTACHMENT	PSI	14.5	14.5	14.5		

