

FY SERIES 4,000 / 5,000 / 5,500 lbs.

Counterbalanced Forklift Trucks

*Available in Single-Fuel and Dual-Fuel

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



FY SERIES 20 - 25 - 25BCS LPG/GAS 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

FY SERIES 20 - 25 - 25BCS LPG/GAS FORKLIFT SPECIFICATIONS

MODEL		FY20	FY25	FY25BCS		
GENERAL	1 POWER TYPE	LPG or LPG/GAS	LPG or LPG/GAS	LPG or LPG/GAS		
	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 DIMENSION	OVERALL WIDTH	IN	46.7	46.7	46.7
	11 OVERALL DIMENSION	MAST LOWERED HEIGHT	IN	80.9	80.9	80.9
	12 OVERALL DIMENSION	MAST EXTENDED HEIGHT (W/ LBR)	IN	161.7	161.7	161.7
	13 OVERALL DIMENSION	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
	17 SPEED	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 TIRE	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		2.4L SINGLE-FUEL	3.0L DUAL-FUEL	
		25 MANUFACTURER		PSI MITSU	PSI GM	
		26 RATED OUTPUT/R.P.M.	HP	63/2800	74/3000	
		27 RATED TORQUE/R.P.M.	TQ	124/1600	150/1600	
		28 NO. OF CYLINDER		4	4	
		29 BORE x STROKE	MM	86.5 x 100	102 x 92	
	30 DISPLACEMENT	CC	2351	2967		
	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		

