

FY SERIES 8,000 - 10,000 LBS.

Countbalanced 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 40-45 LPG/GAS FORKLIFT MAST OPTIONS

TYPE	MODEL	LIFT HEIGHT (IN)	LOAD CAPACITY (LBS)			OVERALL HEIGHT (IN) 4.0 - 5.0t			FREE LIFT (IN)		TILT ANGLE F/R (DEG)
			40	45	50	MAST LOWERED	MAST EXTENDED WITH LBR	MAST EXTENDED WITHOUT LBR	MAST EXTENDED WITH LBR	MAST EXTENDED WITHOUT LBR	
2-STAGE MAST	M250	78.8	8048	9053	10061	79.6	144.4	131.9	-	-	6/12
	M270	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
	Z330	118.2	8048	9053	10061	89.4	164.1	151.7	39.2	56.9	6/12
	Z350	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
	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
3-STAGE MAST	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

FY SERIES 40-50 LPG/GAS FORKLIFT SPECIFICATIONS

		MODEL	FY40	FY45	FY50		
GENERAL	1	POWER TYPE	LPG or LPG/GAS	LPG or LPG/GAS	LPG OR LPG/GAS		
	2	RATED CAPACITY	LB	8818	9053	10061	
	3	LOAD CENTER	IN	24	24	24	
CHARACTERISTIC & DIMENSIONS	4	LIFT HEIGHT	IN	118.1	118.1	118.1	
	5	FORK SIZE	LxWxT	48X5.9X 1.9	48X5.9X1.9	48X5.9X1.9	
	6	TREAD	F/R	DEG	6/12	6/12	6/12
	7	FRONT OVERHANG (WHEEL CENTER TO FORK FACE)	IN	22.7	22.7	26.9	
	8	MAST TILT ANGLE	F/R	IN	50.3 / 46.8	50.3/46.8	64.9/ 67.6
	9	GROUND CLERANCE (BOTTOM OF MAST)	IN	6.3	6.3	7.9	
	10	FORK SPEED	MIN. / MAX	IN	11.8 / 54.3	11.8/54.3	11.8/78.7
	OVERALL DIMENSION	11	LENGTH TO FACE OF FORK (WITHOUT FORK)	IN	123.6	123.6	148.8
		12	OVERALL WIDTH	IN	59	59	59
		13	MAST LOWERED HEIGHT	IN	89.3	89.3	91.7
14		MAST EXTENDED HEIGHT (WITH BACKREST)	IN	161.7	163.9	173.2	
15		OVERHEAD GUARD HEIGHT	IN	91.3	91.3	97.2	
PERFORMANCE	16	TURNING RADIUS (OUTSIDE)	IN	110.9	110.9	131.8	
	17	MIN. INSECTING AISLE	IN	116.3	116.3	139.7	
SPEED	18	TRAVEL (EMPTY LOAD)	MPH	8.6	8.6	8.6	
		LIFTING (EMPTY LOAD)	IN/S	11	10.2	11.8	
	19	MAX. GRADEABILITY	%	15	12	10	
CHASSIS	20	TIRE	FRONT	11.8-15-8PR	11.8-15-8PR	11.8-15-8PR	
			REAR	7-12-12PR	7-12-12PR	8.25-15-14PR	
	21	WHEELBASE	IN	82.7	82.7	88.6	
	22	SERVICE WEIGHT	LB	14220	14220	17967	
POWER & TRANSMISSION	23	MOTOR	DRIVE MOTOR	KW	11X2	11X2	14X2
			LIFT MOTOR	KW	12X2	12X2	25X2
	24	BATTERY	VOLTAGE / CAPACITY	V/AH	80/700	80/800	80/1150
	ENGINE	25	MODEL		4.3L	4.3L	4.3L
		26	MANUFACTURER		KUBOTA	PSI	PSI
		27	RATED OUTPUT/R.P.M.	HP	58.3/2600	132/3000	132/3000
		28	RATED TORQUE/R.P.M.	TQ	155/1000	240/2400	240/1600
		29	NO. OF CYLINDER		4	6	6
30		BOREXSTROKE	IN	102 X 88	102 X 88	102 X 88	
31	DISPLACEMENT	CC	4294	4294	4300		
32	FUEL TANK CAPACITY	G	37	37	37		
33	TRANSMISSION	TYPE	HYDRAULIC	HYDRAULIC	HYDRAULIC		
34	STAGE	FWD/RVS	2/2	2/2	2/2		
35	OPERATING PRESSURE FOR ATTACHMENT	MPA	19	19	19		

