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Gas/LPG Powered

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# Counterbalanced Forklift

FPG18M SERIES - 3960lbs.

**Pneumatic Tires**

- Better operator comfort and controllability
- Standard components for easy service and maintenance
- Enhanced environmental friendliness and increased economy

# FPG18M SERIES FEATURES & COMPARISONS

## STANDARD FEATURES & COMPARISON CHART

- Automatic Transmission
- LPG/Gasoline Dual Fuel System (Impco)
- Swing out/down Propane Tank Bracket
- 4VS Control Valve
- 42" forks
- Solid Pneumatic Tire (Ideal)
- K25 Engine
- Head Lamps and Rear Lamps
- Strobe Lamp (Amber)
- Back up Alarm
- Suspension Seat/ 60" Retractable Seat Belt

Model	2 Stage	3 Stage	CASCADE Fork Positioner & Side Shifter
FPG18M-12	✓		
FPG18M-14	✓		✓
FPG18M-16		✓	
FPG18M-18		✓	✓

## SERIES FEATURES & COMFORT



Wide step for easy entry, and spacious leg & foot room.



Ergonomic seat for a smoother and more comfortable drive.



Adjustable steering column according to operator's preference to reduce fatigue.



Wide view mast offers good driving vision.



Ergonomically placed foot pedals, easy to use.



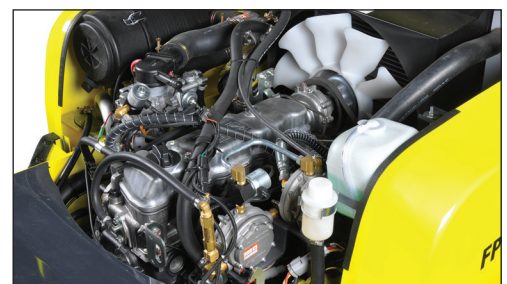
Touch toggle switch for Gasoline or LPG operation.



OPS: preventing accidents and keeping workers in the operating areas safe.



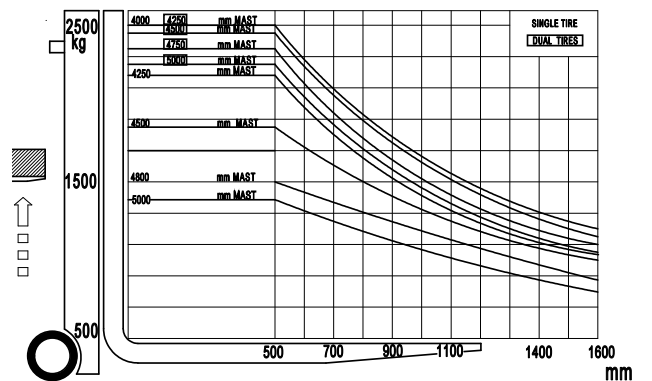
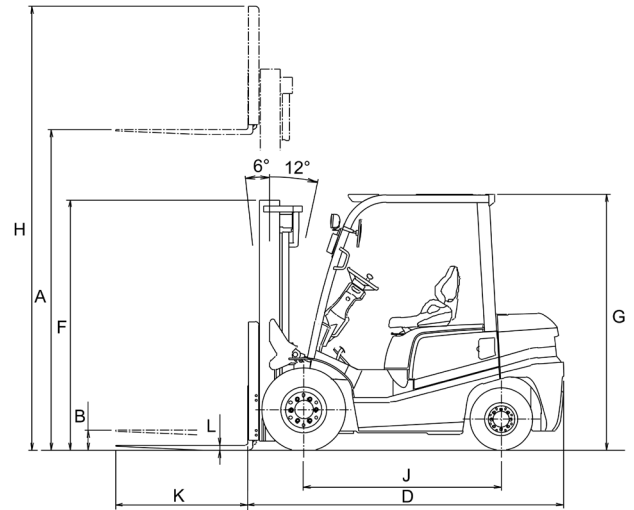
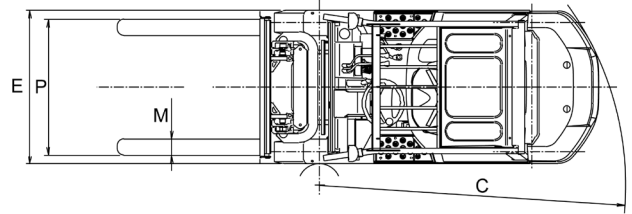
Swing Out & Down Tank Bracket



NISSAN K25 Engine

# GAS/LPG POWERED FORKLIFT TRUCK FPG18M SERIES (PARAMETER AND PERFORMANCE)

<b>Characteristics</b>	1	Manufacturer			<b>HELMAR</b>	
	2	Model			<b>FPG18M Series</b>	
	3	Load Capacity	lbs.	3,960		
	4	Load Center	Inches	19 <sup>11</sup> / <sub>16</sub>		
	5	Power Type			Gas / Lpg	
<b>Dimensions</b>	6	Wheels (X=driven)	Front / Rear	2x2		
	7	Maximum Fork Height (A)	Inches	118 <sup>7</sup> / <sub>64</sub>		
	8	Free Lift Height (B)	Inches	4.33		
	9	Fork Size (K, L, M)	L × W × T	Inches 42 x 4 x 1.75		
	10	Tilt Angle	Fwd. / Bwd.	deg.	6/12	
	11	Length to fork face (D)	Inches	100 <sup>5</sup> / <sub>16</sub>		
	12	Overall Width (E)	Inches	45 <sup>3</sup> / <sub>4</sub>		
	13	Mast Height Fork Lowered(F)	2 Stage	Inches	87.50	
			3 Stage		82.50	
	14	Mast Height Fork raised (With Backrest) (H)	2 Stage	Inches	137.80	
			3 Stage		185.00	
	15	Overhead Guard Height(G)	Inches	81.10		
	16	Operator's Seat Height	Inches	39.65		
	17	Turning Radius(C)	Inches	81.50		
	18	Load Distance (Centerline of front axle to front face of forks)	Inches	15.55		
	19	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	Inches	115.24		
	<b>Performance</b>	20	Travel, Max.	Full Load	mph	8.69
				No Load	mph	9
		21	Speeds	Lifting	Full Load	inches/sec
No Load					inches/sec	19 <sup>3</sup> / <sub>4</sub>
Lowering				Full Load	inches/sec	17 <sup>3</sup> / <sub>4</sub>
				No Load	inches/sec	21 <sup>5</sup> / <sub>8</sub>
22		Max. Gradeability	Full Load	%	15	
			Total Weight (with the standard battery)	lbs.	6790	
24		Weight Distribution	Full Load	Front	lbs.	9656
				Rear	lbs.	1102
25	No Load		Front	lbs.	3075	
			Rear	lbs.	3714	
26						
<b>Chassis &amp; Wheels</b>	27	Tires	Number	Front / Rear	2/2	
			Size	Front	6.50 x 10	
	Rear	5.00 x 8				
	28					
	29					
30	Wheelbase (J)	Inches	56.1			
31	Tread	Front / Rear	Inches	35.03 / 35.43		
32	Ground Clearance	Lowest (Mast)	Inches	4.53		
		Chassis	Inches	4.13		
34	Brake	Service Brake	Hydraulic			
		Park Brake	Hand Lever			
<b>Power Train</b>	35	Battery	V/Ah	12 volt		
	36	Engine	Model	K25		
			Rated Power	kw/RPM	37.4 / 2300	
			Rated Torque	177 / 1600		
			Number of Cylinders	4		
			Displacement	2488		
	37	Fuel	Fuel Tank Capacity	Gallons	18.5	
	38	Transmission	Speed Forward/Reverse	1-1 power shift T/M		
39	Operating Pressure	Hydraulic System Pressure	lbs.	397		



**Remarks:** Helmar Incorporated reserves the right to make any changes without notice concerning specifications detailed in this brochure.

