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Gas/LPG Powered

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# Counterbalanced Forklift

FCG25M SERIES - 5000lbs

**Cushion Tires**

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

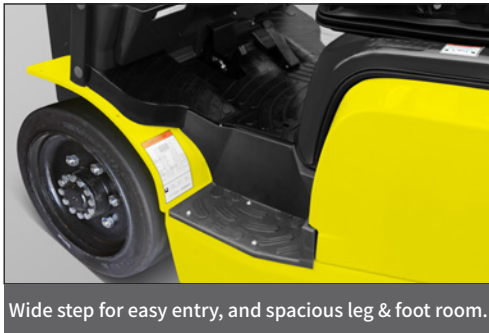
# FCG25M SERIES FEATURES & COMPARISONS

## 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)
- K21 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
FCG25M-6		✓	
FCG25M-8		✓	✓

## 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.



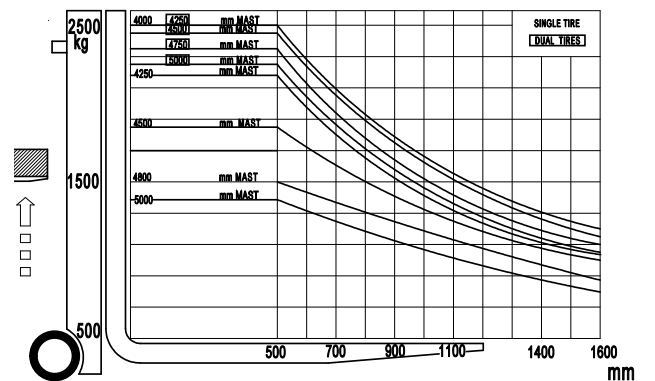
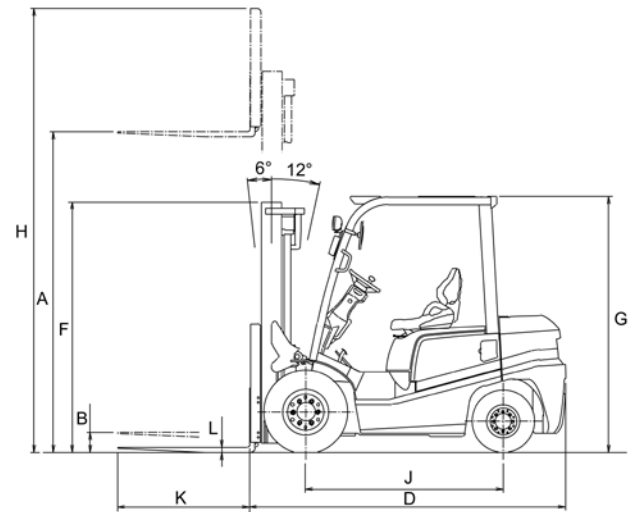
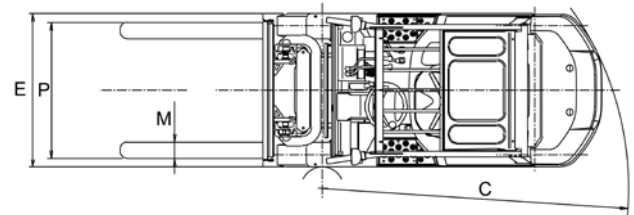
Swing Out & Down Tank Bracket



NISSAN K25 Engine

# GAS/LPG POWERED FORKLIFT TRUCK FCG25M SERIES (PARAMETER AND PERFORMANCE)

<b>Characteristics</b>	1	Manufacturer		<b>HELMAR</b>		
	2	Model		<b>FCG25M Series</b>		
	3	Load Capacity	lbs.	5,000		
	4	Load Center	Inches	19.685		
	5	Power Type		Gas/Lpg		
<b>Dimensions</b>	6	Wheels (X=driven)	Front / Rear	2x2		
	7	Maximum Fork Height (A)		Inches	118.2	
	8	Free Lift Height (B)		Inches	6.304	
	9	Fork Size (K, L, M)	L × W × T	Inches	42 x 4 x 1.75	
	10	Tilt Angle	Fwd. / Bwd.	deg.	6/6	
	11	Length to fork face (D)		Inches	91 <sup>21</sup> / <sub>32</sub>	
	12	Overall Width (E)		Inches	38.95	
	13	Mast Height Fork Lowered(F)		Inches	78 <sup>31</sup> / <sub>32</sub>	
	14	Mast Height Fork raised (With Backrest) (H)	2 Stage	Inches	n/a	
			3 Stage	Inches	158 <sup>21</sup> / <sub>32</sub>	
	15	Overhead Guard Height(G)		Inches	80 <sup>1</sup> / <sub>8</sub>	
	16	Operator's Seat Height		Inches	40.85	
	17	Turning Radius(C)		Inches	98 <sup>27</sup> / <sub>64</sub>	
18	Load Distance (Centerline of front axle to front face of forks)		Inches	17 <sup>13</sup> / <sub>32</sub>		
19	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		Inches	98.425		
<b>Performance</b>	20	Travel, Max.	Full Load	mph	10.87	
			No Load	mph	11.8	
	21	Speeds	Lifting	Full Load	inches/sec	21.67
				No Load	inches/sec	22.85
	22		Lowering	Full Load	inches/sec	22.85
				No Load	inches/sec	24.5
	23	Max. Gradeability	Full Load		%	10
			Total Weight (with the standard battery)		lbs.	8366.54
	24	Weight Distribution	Full Load	Front	lbs.	11840.85
				Rear	lbs.	1565.55
No Load			Front	lbs.	3064.95	
			Rear	lbs.	4828.95	
<b>Chassis &amp; Wheels</b>	27	Tires	Number	Front / Rear	2/2	
			Size	Front	21 x 8 x 15	
				Rear	16.25 x 6 x 11.25	
	30	Wheelbase (J)		Inches	55 <sup>1</sup> / <sub>8</sub>	
	31	Tread	Front / Rear		Inches	38 <sup>3</sup> / <sub>16</sub>
Ground Clearance			Lowest (Mast)	Inches	4.3	
33	Chassis		Inches	4.96		
34	Brake	Service Brake		Hydraulic		
		Park Brake		Hand Lever		
<b>Power Train</b>	36	Battery	V/Ah	12v/60ah		
	37	Engine	Model		K21	
			Rated Power	kw/RPM	42.2/2700	
			Rated Torque		155/1600	
			Number of Cylinders		4	
			Displacement		2488	
	41	Fuel	Fuel Tank Capacity	Gallons	18.5	
	42	Transmission	Speed Forward/Reverse		1-1 Power Shift T/M	
	43	Operating Pressure	Hydraulic System Pressure	lbs.	395	



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