

FORKLIFT TRUCK, 8,000 LB. CAPACITY, PROPANE POWERED, PNEUMATIC TIRES, IN/OUTDOOR USE



CONTRACT PRICE: \$28,331.00 (PRICE LINE: 1),
OPTIONAL SET OF PARTS, SERVICE AND O&M MANUALS: \$50 (PRICE LINE: 2)

CONTRACTOR: EAGLE LIFT TRUCK INC.
CONTRACT # A50630

CHARACTERISTICS

1	Manufacturer		TCM
2	Models		FHG36N2
3	Load Capacity	lbs (kgs)	8000 (3600)
4	Load Center	in (mm)	24 (600)
5	Power Type		Gasoline or LPG
6	Control Type		Sit Down Rider Type
7	Tire Type	Front/Rear	Pneumatic
8	Wheels (x=driven)	Front/Rear	2x / 2

DIMENSIONS

9	Maximum Fork Height	in (mm)	118 (3000)
10	Free Lift	in (mm)	5.9 (150)
13	Fork Size	L x W x T	42.1 x 5.9 x 2.0 (1070 x 150 x 50)
14	Tilt Angle	Fwd/Bwd	6 / 12
15	Length to For Face	in (mm)	114.6 (2910)
16	Overall Width	in (mm)	52.4 (1330)
17	Mast Height Fork Lowered	in (mm)	82.1 (2085)
18	Mast Height Fork Raised	in (mm)	167.9 (4265)
19	Overhead Guard Height	in (mm)	85.0 (2160)
21	Turning Radius (Outside)	in (mm)	102.4 (2600)
22	Fork Overhang (<i>Centerline of front axle to front face of forks</i>)	in (mm)	20.9 (530)
23	Basic Right Angle Stacking Aisle Width (<i>Add load length and clearance</i>)	in (mm)	123.2 (3130)

PERFORMANCE

24		Travel Max. (Fwd/Rvs)	With Load	mph (km/h)	6.3-15.0 (10-24)
			Without Load	mph (km/h)	11.9 (19.0)
25	Speeds	Lifting	With Load	mph (km/h)	78.8 (400)
			Without Load	mph (km/h)	82.7 (420)
26		Lowering	With Load	mph (km/h)	88.6 (450)
			Without Load	mph (km/h)	108.3 (550)
28	Max. Drawbar pull	With load		lbs (kN)	6850 (30.4)
		Without load		lbs (kN)	2850 (12.7)
29	Gradeability at 1.6 km/h (1mph)	With load		% (tan q)	27
		Without load		% (tan q)	18

WEIGHT

32	Total Weight			lbs (kg)	12020 (5450)
33	Weight Distribution (Min. / Max.)	With Load	Front	lbs (kg)	17510 (7940)
			Rear	lbs (kg)	2450 (1110)
34		Without Load	Front	lbs (kg)	4590 (2080)
			Rear	lbs (kg)	7430(3370)

BRAKES AND TIRES

35		Number	Front/Rear		2 / 2
36	Tires	Size	Front		250-15-16PR (I)
37			Rear		7.00 - 12 - 12PR (I)
38	Wheelbase			in (mm)	79.0 (1800)
39	Tread	Front		in (mm)	43.1 (1095)
		Rear		in (mm)	43.7 (1110)
40	Ground Clearance	At Lowest Point		in (mm)	5.71 (145)
41		At Frame		in (mm)	6.1 (155)
42	Brake	Service			Power Assist Hydraulic - Foot Pedal
43		Parking			Mechanical - Hand Lever
44	Power Steering				Full Hydrostatic Type

ENGINE AND TRANSMISSION

45	Battery (option)	Voltage/Capacity			1 x 12V / 45AH / 20h	
49	Internal Combustion Engine	Model			NISSAN H25	
50		Rated Horsepower / rpm			44.1 kW / 2500 r.p.m. : 60 PS / 2500 r.p.m. (SAE GROSS 64 HP /2500 r.p.m.)	
51		Rated Torque / rpm			18.3 / 1600 (132 / 1600)	
52		Number of Cylinders				4
		Displacement		Cu. In. (lit)		151 (2.472)
		Fuel Tank Capacity		US gal (lit)		15.9 (60)
55	Transmission	Number of Speeds (Fwd / Rvs) - Type			2 / 1 Power Shift T/M	
57	Operating Pressure	For Attachment		psi (kg/cm ²)	2630 (185)	

STANDARD DIMENSIONS (Front Single Tire)

	MODELS	FHG/D36	
		in.	mm
1	Overall Height, Fork Raised (with backrest)#	167.9	4265
2	Max. Fork Height	118.1	3000
3	Overall Height, Fork Lowered (upright)	82.1	2085
4	Backrest Height (from upper face of forks)#	48.0	1220
5	Free Lift	5.9	150
6	Fork Thickness	2.0	50
7	Min. Under-clearance (bottom of mast)	5.71	145
8	Overall Length (with forks)	156.6	3980
9	Overall Length (without forks)	114.5	2910
10	Fork Length	42.1	1070
11	Fork Overhang	20.9	530
12	Wheelbase	70.9	1800
13	Rear Overhang	22.8	580
14	Coupler Height	11.4	290
15	Overhead guard clearance (from face of seat)	41.3	1050
16	Overall Height (overhead guard)	85.0	2160
17	Overall Width	52.4	1330
18	Lateral Fork Adjustment (outside forks)	11.8 ~ 47.2	300 ~ 1200
19	Tread (front)	43.1	1095
20	Tread (rear)	43.7	1110
21	Fork Width	5.9	150
22	Inside Turning Radius	5.1	130
23	Outside Turning Radius	102.4	2600
24	Min. Intersecting Aisle	89.4	2270
25	Tilting Angle (forward-backward)	6° - 12°	

DUAL DRIVE TIRE DIMENSIONS

	MODELS	FHG/D36	
		Tire Size	
		28 X 9-15-12PR	
		in.	mm
17	Overall Width	72.6	1845
19	Tread (front)	53.3	1355
22	Inside turning radius	3.9	100
23	Outside turning radius	107.1	2720
24	Min. intersecting aisle	96.9	2460

TCM products and specification are subject to improvement and change without notice

FHG36N2/FHD36Z2

