

Pneumatic-tire lift trucks  
with Cascade mast

FG15HC-16

FG15HT-16

FG18HT-16



### MAST DATA 3000 and 3500-pound units

Maximum Fork Height in. (mm)	Overall Height		Free* Lift in. (mm)	Load Capacities** Lbs. (kg)	
	Lowered in. (mm)	Extended in. (mm)		FG15HC FG15HT	FG18HT

### TWO-STAGE

105.5 (2680)	74 (1880)	153.5 (3900)	5.5 (140)	3000 (1350)	3500 (1570)
113.5 (2885)	78 (1980)	161.5 (4100)	5.5 (140)	3000 (1350)	3500 (1570)
127.5 (3240)	85 (2160)	175.5 (4460)	5.5 (140)	3000 (1350)	3500 (1570)
145.5 (3695)	94 (2385)	193.5 (4915)	5.5 (140)	3000 (1350)	3500 (1570)

### THREE-STAGE\*

158 (4015)	75 (1905)	180.3 (4580)	52.7 (1340)	2950 (1340)	3400 (1550)
170 (4320)	79 (2005)	192.3 (4885)	56.7 (1440)	2850 (1295)	3300 (1500)
188 (4775)	85 (2160)	210.3 (5340)	62.7 (1590)	2600 (1180)	2700 (1225)
198 (5030)	89 (2260)	220.3 (5595)	66.7 (1695)	2200 (998)	2200 (998)
216 (5485)	97 (2465)	238.3 (6055)	74.7 (1895)	1550 (705)	1600 (725)

**NOTE:** \*Data of Extended Overall Height and Free Lift do not include height of load backrest. With 48 inch (1220 mm) height load backrest add 25.7 inches (655 mm) to Extended Overall Height. Reduce 25.7 inches (655 mm) from Free Lift Height.

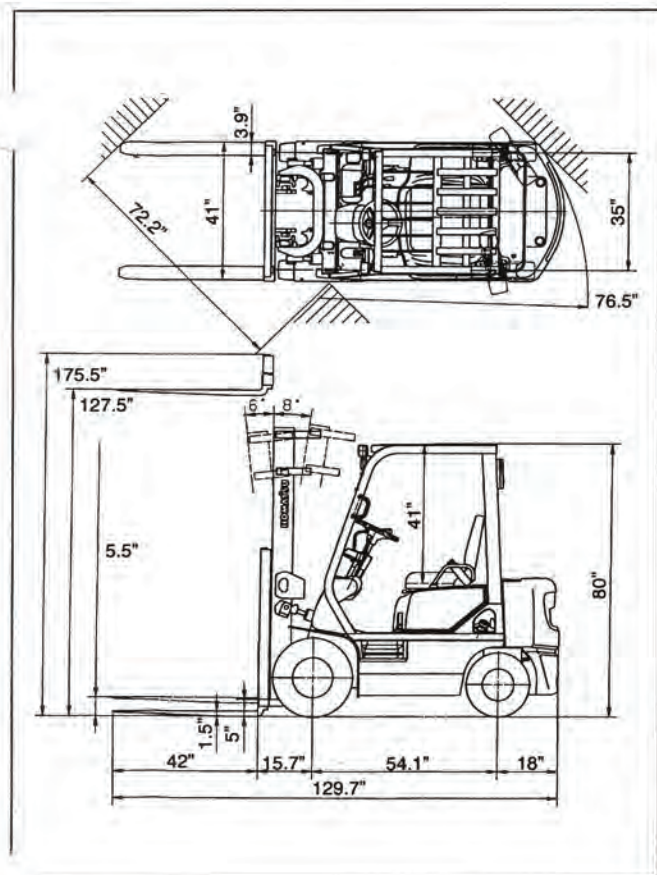
\*\*Load capacity at 24 inches (610 mm) load center.

The performance of machines is affected by the condition of the vehicle and how it is equipped as well as the nature and condition of the operating area. If these specifications are critical or if your needs exceed the specifications shown here, discuss the proposed application with your authorized distributor or dealer.

Refer to the other side for complete lift truck specifications.

### STANDARD EQUIPMENT

- Headlights
- Turn Signal Lights
- Stop and Tail Lights
- Back-up Lights
- Fuel Gauge
- Water Temperature Gauge
- Hourmeter
- Charge Warning Lamp
- Engine Oil Pressure Warning Lamp
- Torque Converter Oil Cooler (TORQFLOW units)
- Horn
- Drawbar pin
- Hydrostatic Steering



# AX KFI Specification Sheet

## GENERAL

Model		FG15HC-16	FG15HT-16	FG18HT-16
Capacity @ 24-in. (610mm) load center	lbs (kg)	3,000 (1,361)		3,500 (1,588)
Power plant type		Gasoline		
Number of wheels (front-wheel drive)		2/2		
Service weight	lbs (kg)	5,865 (2,660)	5,930 (2,690)	6,380 (2,895)

## DIMENSIONS

Height to overhead guard	in. (mm)	79.7 (2,025)		
Lowered mast height (2 stage)	in. (mm)	85.0 (2,159)		
Extended mast height (83-in. 2-stage)	in. (mm)	175.5 (4,458)		
Maximum fork height (83-in. 2-stage)	in. (mm)	127.5 (3,239)		
Free lift height (2-stage mast)	in. (mm)	5.5 (140)		
Length to face of forks (2-stage masts) [L]	in. (mm)	87.6 (2,225)		89.0 (2,260)
Length to face of forks (3-stage masts) [L]	in. (mm)	87.8 (2,230)		89.2 (2,265)
Overall width	in. (mm)	42.1 (1,069)		
Tilting angle, 2-stage masts (fwd./back)	Degrees (°)	6/8		
Tilting angle, 3-stage masts (fwd./back)	Degrees (°)	6/6		
Outside turning radius [OTR]	in. (mm)	76.6 (1,945)		78.0 (1,980)
Load dist. from center axle (2-stage)	in. (mm)	15.7 (400)		
Load dist. from center axle (3-stage)	in. (mm)	15.9 (405)		
Right angle stacking aisle (2-stage masts)	in. (mm)	92.3 (2,345) +LL		93.7 (2,380) +LL
Right angle stacking aisle (3-stage masts)	in. (mm)	92.5 (2,350) +LL		93.9 (2,385) +LL

## PERFORMANCE

Max. travel speed, forward, loaded	mph (km/h)	11.6 (18.5)		11.9 (19.0)
Max. travel speed, forward, unloaded	mph (km/h)	12.1 (19.5)		12.4 (20.0)
Lifting speeds, loaded/unloaded (2-stage)	fpm (mm/s)	130/146 (660/740)		122/134 (620/680)
Lifting speeds, loaded/unloaded (3-stage)	fpm (mm/s)	126/142 (640/720)		116/128 (590/650)
Lowering speed, loaded/unloaded (2-stage)	fpm (mm/s)	98/89 (500/450)		96/89 (490/450)
Lowering speed, loaded/unloaded (3-stage)	fpm (mm/s)	96/79 (490/400)		98/69 (500/350)
Maximum drawbar pull	lbs. (kN)	3,220 (14.3)		3,530 (15.7)
Gradeability, loaded/unloaded	percent (%)	31/23	39/23	35/21

## CHASSIS AND WHEELS

Tire size, front		6.50-10-10PR(I)		
Tire size, rear		5.00-8-8PR(I)		
Wheelbase	in. (mm)	54.1 (1,375)		
Tread (center of tires), front/rear	in. (mm)	35.0/35.0(889/889)		
Ground clearance, under mast	in. (mm)	5.0(127)		
Ground clearance, center of frame	in. (mm)	5.3(135)		
Service brake type		Hydraulic		
Parking brake type		Mechanical		
Steering type		F.H.P.S.		

## POWER TRAIN

Engine model		H20-II		
Rated power (SAE gross)	HP (kW) @ rpm	48.5 (36)@2450		
Max. torque (SAE gross)	lb-ft (N-m) @ rpm	116 (157)@1600		
No. of cylinder/displacement	cu. in. (cm3)	4/121(1982)		
Cylinder bore x stroke	in. (mm)	3.4x3.3(87.2x83)		
Fuel tank capacity	U.S. gals. (liters)	9.8(37)		
Air cleaner type		Cyclone		
Battery voltage/capacity (20-hour rating)	V/Ah	12/41		
Clutch type		Dry clutch	Torque Converter	
Transmission type		Synchromesh	Torqflow	
Maximum hydraulic pressure	psi (bar)	2,440(172)		
Hydraulic tank capacity	U.S. gals. (liters)	8.2(31)		

LL=Load length