

# RUGGED ENGINE, OPTIMAL PERFORMANCE



## FORKLIFT

# FD35T

## Product Specifications

OVERALL WEIGHT  
4,775 kg

RATED CAPACITY  
3,500 kg

RATED LIFTING HEIGHT  
3,000 mm

ENGINE  
Yanmar

### SPECIFICATIONS

#### GENERAL

Model	Yanmar, Diesel
Rated Power	44.4 kW
Rated load capacity (Q)	3500 kg
Load centre (C)	500 mm

#### CHARACTERISTICS & DIMENSIONS

Rated lift height (H3)	3000 mm
Free lift height (H2)	100 mm
Fork size (LxWxT)	1070x125x45 mm
Mast tilt angle	6°/12°
Fork overhang (wheel center to fork face) (X1)	484 mm
Rear overhang (X2)	635 mm
Ground clearance (bottom of mast) (H7)	145 mm
Length to face of fork (without fork) (L1)	2775 mm
Overall width (B1)	1225 mm
Mast lowered height (H1)	2070 mm
Mast extended height (with backrest) (H4)	4070 mm
Overhead guard height (H5)	2235 mm
Turning radius (outside) (Wa)	2500 mm
Min. aisle width for pallets	4255 mm

#### PERFORMANCE

Travel speed (no load)	19 km/h
Lifting speed (full load)	400 mm/sec
Lowering speed (full load)	450 mm/sec
Max. drawbar pull (full load/ no load)	16/15.7 kN
Max. gradeability (full load)	20%

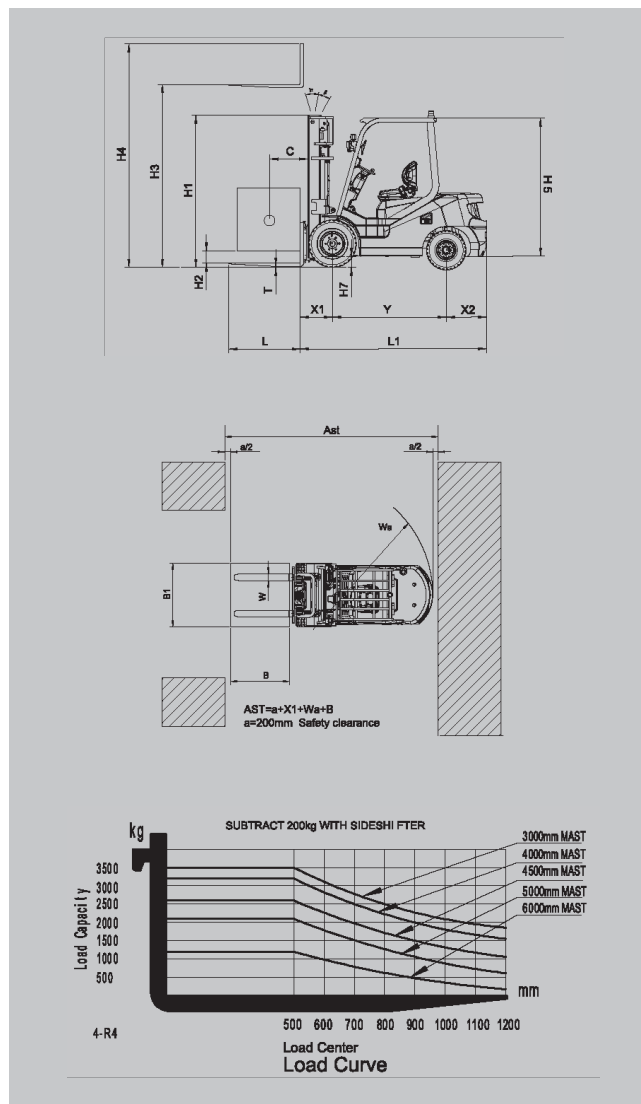
#### WEIGHT

Total weight	4775 kg
Front axle weight distribution (full load/ no load)	6997/1910 kg
Rear axle weight distribution (full load/ no load)	777/2865 kg

#### POWER & TRANSMISSION

Battery	12/90 V/Ah
Fuel tank capacity	50 L
Operating pressure (for attachments)	17.5 Mpa

#### DIMENSIONS



## SPECIFICATIONS

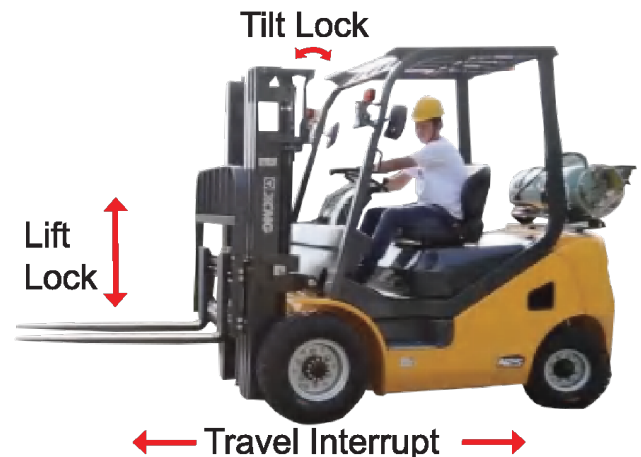
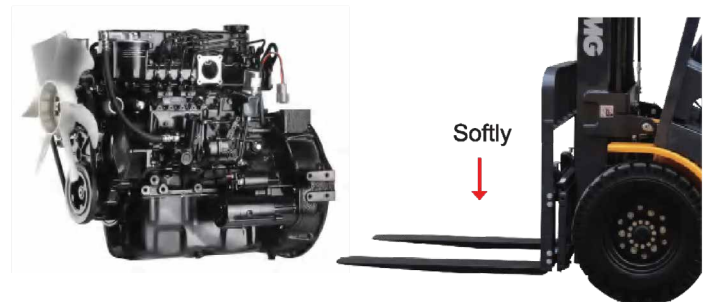
### RELIABILITY

- **10% Steering System**  
The hydraulic steering system reduces the loss of hydraulic and improves energy efficiency.
- **25% Lifting & Driving System**  
The unique hydraulic technology increases lifting speed 25% and improves driving speed.
- **Rugged Engine & Optimal Performance**  
EPA Tier IV engine | EURO III A/B  
Market approved, quality engines ensure incomparable performance, durability, and excellent fuel efficiency.
- **Heavy Duty One-Piece Truck Frame**  
With its welded and formed steel plate design, protects it from impact damage and extends truck's life span.
- **New Designed Radiator**  
The new downsize water room of radiator reduces thickness of water conduits and extends wave length to increase ventilation and air flow rates.
- **Multifunctional Dashboard**  
The newly designed dashboard is installed with larger screen and constant status is noticeable.
- **Reposition of hydraulic pipelines around the fuel tank and the enhanced cooling system increase ventilation, and make it easier to keep the high temperature of engine and oil in control, even in the harshest working environments.**
- **Excellent Hydraulic System**  
Uses a load-sensing flow control valve for steering to reduce horsepower loss and heat buildup.  
The main hydraulic valve incorporates adjustable flow controls for tilt and auxiliary functions.  
Allows for easy addition of extra functions and simplifies service.  
Controlled lowering speed independent of load speed.



### ADVANCED SAFETY

- **Strong Overhead Guard**  
Exceeding CE or ANSI regulations, the overhead guard offers optimal protection combines with excellent all-around visibility and reduces potential danger.
- **Excellent Visibility for Safe Operation**  
Optimised lift cylinder arrangement provides operator with wider visibility, the panoramic mirror expands the driver's view when backing up.
- **Parking Brake**  
Toggle type parking brake requires less effort from the operator to set.
- **Fork Safety Features**  
When the forks are being lowered, a down-control valve maintains the controlled speed. The down-safety valve prevents forks from dropping down in case of sudden damage of hydraulic line.
- **OPS Operator Presence Sensor (Optional)**  
This comprehensive safety system includes a seat-actuated power interrupt with mast-lock, automatically preventing lift and tilt operations if the operator leaves the seat.



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### SPECIFICATIONS

#### OPTIMISED ERGONOMICS

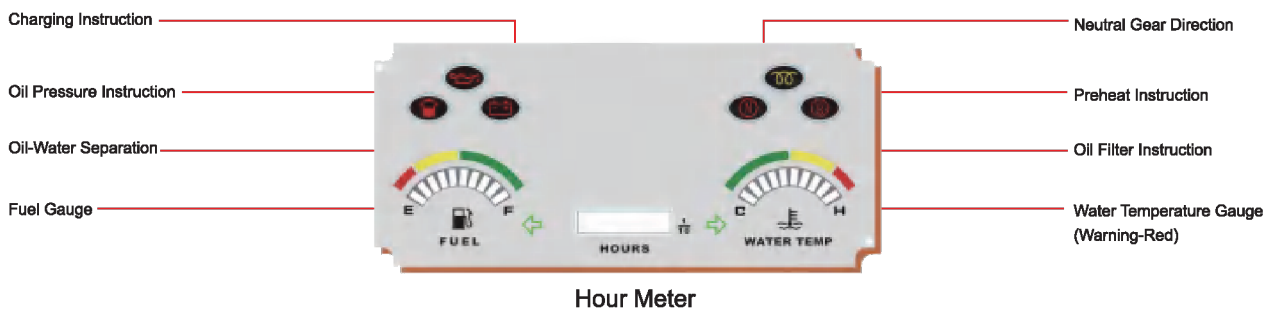
- The Latest Anti-Vibration & Shock Absorbing System**  
 The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This will not only reduce operator's fatigue but will also increase safety.
- Super Comfort From Suspension Design**  
 The suspension cab and seat design reduces travel vibration by 30% so the operator feels less fatigue and greater comfort during the operations.
- Steer Adjuster**  
 To achieve a comfortable drive position, the angle of the steering column can easily be adjusted. The steering wheel can be adjusted by a lever on the left-hand side to improve operator's comfort.
- Ergonomically Positioned Pedals**  
 Based on human engineering, the accelerator, brake, and inching pedals are optimally positioned for operator's convenience and to reduce operator's fatigue.
- Lower Entrance Height**  
 The lower entrance height ensures easy and safe access for the operator. Wide open step offers convenience and safety when entering and exiting truck.
- Fuel Cap**  
 Manufactured from durable, long lift materials and made for proper sealing and venting.
- Comfortable Seat**  
 Great comfort is offered to the driver by a suspension seat with weight adjuster.
- Engine Hood**  
 Secure your engine bay and fasten the vehicle hood.

#### FAST & EASY MAINTENANCE

- Wide Open Engine Hood**  
 Easily accessible engine compartment assures fast and efficient maintenance.
- Easy Gas Tank Change**  
 The LPG cylinder is easily installed and the swing down bracket makes the operator remove the tank in a lower position with minimal effort.
- Easy Maintenance Oil Check**  
 The T/M oil level can be checked easily without any disassembly.
- Easy Change of Air Cleaner**  
 The air filter is readily accessible for cleaning or replacement.
- Quick & Easy Engine Oil Check**



#### The meter and warning indicator panels provide vital and operational data that include.



### SPECIFICATIONS

#### MAST SPECIFICATIONS & RATED CAPACITIES: 3.0-3.5 TON

Mast Type	Mast Name	Max.Fork Height(mm)	Load Capacity(kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)
							Lowered	Extended		Without Backrest	With Bracket		
			FD30/ FD30T	FD30/ FD30T(Double)	FD35/ FD35T	FD35/ FD35T(Double)		Without Backrest	With Backrest				
									3.0/3.5t		3.0/3.5t		
Wide View Mast	M300	3000	3000	3000	3500	3500	2070	3595	4070	145	150	6-12	6-12
	M330	3300	3000	3000	3500	3500	2220	3895	4370	145	150	6-12	6-12
	M370	3700	3000	3000	3400	3400	2420	4295	4770	145	150	6-6	6-6
	M400	4000	2950	2950	3250	3250	2620	4595	5070	145	150	6-6	*6-12
	M450	4500	2600	*2900	2900	*3000	2870	5095	5570	145	150	6-6	*6-12
	M470	4700	2500	2800	2800	2900	2970	5295	5770	145	150	6-6	*6-12
	M500	5000	2200	*2550	2400	*2800	3170	5595	6070	145	150	6-6	*6-6
	M550	5500	2000	*2400	2200	*2600	3420	6095	6570	145	150	3-6	*3-6
M600	6000	1500	*2000	1600	*2400	3670	6595	7070	145	150	3-6	*3-6	
2-Stage Full Free Wide View Mast	FM300	3000	3000	3000	3500	3500	2070	3590	4065	1382	907	6-12	6-12
	FM330	3300	3000	3000	3500	3500	2220	3940	4415	1532	1057	6-12	6-12
	FM370	3700	3000	3000	3500	3500	2420	4240	4715	1732	1257	6-6	6-6
	FM400	4000	3000	3000	3250	*3500	2670	4590	5065	1982	1507	6-6	*6-12
3-Stage Full Free Wide View Mast	TFM450	4500	2600	*2800	2800	*3200	2110	5200	5675	1422	947	6-6	*6-6
	TFM470	4700	2400	*2700	2500	*3000	2160	5400	5875	1472	997	6-6	*6-6
	TFM500	5000	2100	*2400	2300	*2800	2260	5700	6175	1572	1097	6-6	*6-6
	TFM550	5500	1650	*2250	1800	*2550	2460	6200	6675	1772	1297	3-6	*3-6
	TFM600	6000	1200	*2100	1300	*2300	2660	6700	7175	1972	1497	3-6	*3-6
	TFM650	6500	950	*1700	1050	*1800	2910	7200	7675	2200	1747	3-6	*3-6
	TFM700	7000	650	*1400	750	*1500	3110	7700	8175	2300	1947	3-6	*3-6

Note: 1. With Separated Side shifter, load capacity subtract 200Kg, With Integrated side shifter, load capacity subtract 50Kg.

2. \* (Asterisk ) is for double front wheels model.



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