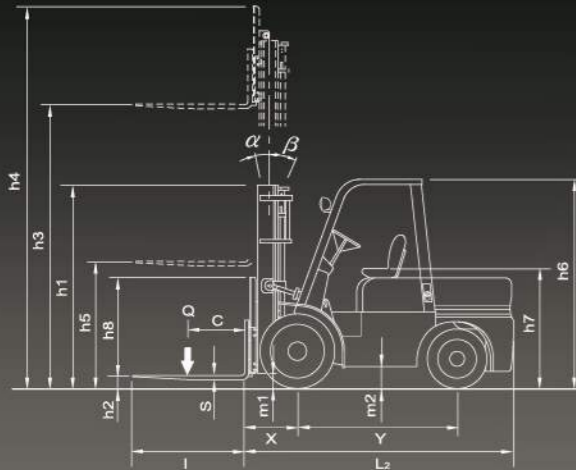
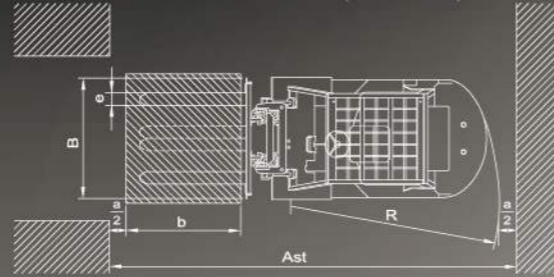


## Tailift's Commitment & Vision

- To be a strong partner
- Provide the toughest trucks for even the most challenging applications
- Environmentally friendly with less emissions and the lowest fuel consumption
- To extend customer service worldwide to satisfy all customers needs



$Ast=X+R+b+a$   
 $b=Load\ Length$   
 $a=Clearance(200mm)$



**1.5-3.5ton**  
**I.C FORKLIFT TRUCKS**

## Specifications

FD:Diesel FG:Gasoline

Model			FD15 FG15	FD18 FG18	FD20 FG20	FD25 FG25	FD30 FG30	FD35 FG35
Capacity	Q	kg	1500	1800	2000	2500	3000	3500
Load center	C	mm	500	500	500	500	500	500
Control type			Sit	Sit	Sit	Sit	Sit	Sit
Lift	Lift	h3	mm	3000	3000	3000	3000	3000
overall dimensions	Total width	B	mm	1065	1065	1158/1532	1158/1532	1290/1655
	Mast high lowered	h1	mm	2000	2000	2000	2000	2000
	Mast height extened(w/o bracket)	h4	mm	3640	3640	3640	3640	3640
	Mast height extened	h4	mm	4220	4220	4220	4220	4220
	Overhead guard height	h6	mm	2090	2090	2130	2130	2170
Tire size	S=Solid P=Pneumatic	front/rear	P/P	P/P	P/P	P/P	P/P	P/P
	Number(front/rea.X Driven)		2/2	2/2	2/2	2/2	2/2	2/2
	Size	front	AA	6.50-10-10P.R.	6.50-10-10P.R.	7.00-12-12P.R.	7.00-12-12P.R.	8.15-15-12P.R.
	rear	BB	5.00-8-8P.R.	5.00-8-8P.R.	6.00-9-10P.R.	6.00-9-10P.R.	6.50-10-10P.R.	

Available Model		FD15-25	FD15-35	FD20-35	FD20-35	FD20-35	FG15-25	FG20-35
Manufacturer		ISUZU	YANMAR	ISUZU	ISUZU	YANMAR	NISSAN	NISSAN
Model		C240PKF-23	4TNE94	4JG2	4LE2X	4TNE98	K21	K25
Length to face of forks	L2	mm	2235/2280/2460/2505	2235/2280/2460/2505/2600/2860	2460/2505/2600/2860	2490/2535/2620/2860	2460/2505/2600/2860	2235/2280/2460/2505
Turning radius	R	mm	1950/1995/2170/2250	1950/1995/2170/2250/2415/2615	2170/2250/2415/2615	2200/2280/2435/2615	2170/2250/2415/2615	1950/1995/2170/2250



## Tailift Material Handling Taiwan Co.,Ltd.

### Main office

No.5,ZiLi 1st Rd.,Nankang Industrial Zone,Nantou City,  
 Nantou County 54067,Taiwan(R.O.C.)  
 TEL:+886 49 2263800 FAX:+886 49 2252919  
<http://www.tailift.com>

Mail:insales@tailift.com.tw

### TAICHUNG OFFICE

269,Sec 1,Shein Lin Rd,Taya,Taichung,Taiwan,R.O.C.  
 TEL:+886 4 25658816 FAX:+886 4 25658817



DOC. S/N: DEB029 Edition:06

Tailift I.C 1.5-3.5 ton Forklift Trucks



# FITS ALL YOUR NEEDS

Innovative & Revolutionary Forklift Truck

Based in Taiwan, was established in 1973.

Tailift is one of the world's leading manufacturers of material handling equipments.

Tailift is an ISO 9001 quality management system company. All series are obtained with CE and EPA certification.

Tailift forklift truck involved the best in virtual, bench and field-testing to ensure the final product met the high quality standards demanded. Tailift forklift bring you great comfort and unmatched productivity.

Each of these advancements demonstrates Tailift's commitment to be a strong partner and provide the toughest trucks for even the most challenging applications.

## FEATURES & BENEFITS

EASY OPERATION / STABLE / DURABLE / PRODUCTIVE / ERGONOMIC / OPTIMAL VISIBILITY /

EASY MAINTENANCE WITH LOW COST OF OWNERSHIP

**tailift**

# EASY OPERATION

The operator's cab has been designed to maximize outward visibility by keeping all the controls compact and close at hand. Better control and visibility means a safer, more efficient operation.



## Steering wheel with assist knob

The steering wheel improves vehicle manoeuvrability while simplifying operator entry and exit to the cab.



## Electric F/R control lever

The forward/reverse lever gives fingertip control of the solenoid controlled transmission. Fast, easy direction changes means more efficient operation.



## Light control lever

This controls both the headlight and turn signals.



## Parking brake lever with interlock

To improve safety, the parking brake can only be released by first depressing the top button.



## Easy entry and exit

A low step height and secure, non-slip surface allow safe operator entry and exit.



## Multifunctional Instrument panel

Easy read instrument panel installs in between steering wheel and left front side wind shield. It displays the status of forklift performance without interfering by steering wheel operations



## Tilting steering column

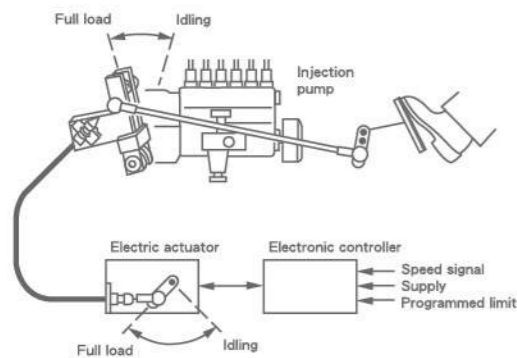
The steering column tilts for perfect driver ergonomics.

# Safe.Stable.Efficient.

Tailift forklift provides features that deliver what's most important to you.



## Speed limiter (optional)



## Integrated heavy-duty overhead guard

The overhead guard is not a bolt-on afterthought. It's designed right into the chassis to provide optimal protection for your operators. As an integral part of the vehicle, it increases the overall strength of the chassis for rugged durability, especially in applications with uneven surfaces.



## Mast lock system (optional)

This feature can automatically lock all lifting and tilting functions when the operator leaves the seat.



## ▲ High mounted rear combination lights

The rear light clusters are mounted high for maximum visibility. Optionally, they can be mounted on top of the overhead guard for additional height.

## Neutral safety start system

The electronic F/R lever has to be in the neutral (N) position before the engine can be started.



## Tilt cylinder boots (optional)

Helps reduce cylinder rod scouring from dirt and grit which can lead to hydraulic leaks. Recommended for dirty and/or dusty applications.



## Asbestos-free brake shoes

High-friction brake use non-asbestos shoes.

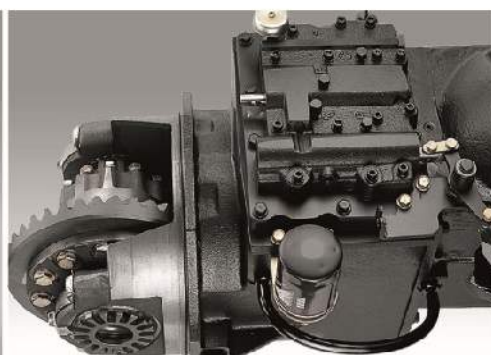
# Great performance

High performance, fuel efficient, low emission engines

Tailift forklifts use industry-standard engines that are engineered to be LOW EMISSION and LOW NOISE to protect your working environment. All diesel, gasoline and LPG engines are environmentally friendly with advanced combustion technology for reduced fuel consumption. All engines meet and comply with the EU stage III and US EPA TIER III regulations of Directive 97/68

## Tailift transmissions

The transmission used in the MD series 1.5-3.5T single-speed use advanced hydrodynamics for great precision and smoothness. The solenoid-controlled electronic F/R lever gives the operator fingertip directional control without taking their hands from the steering wheel.



Torque converter



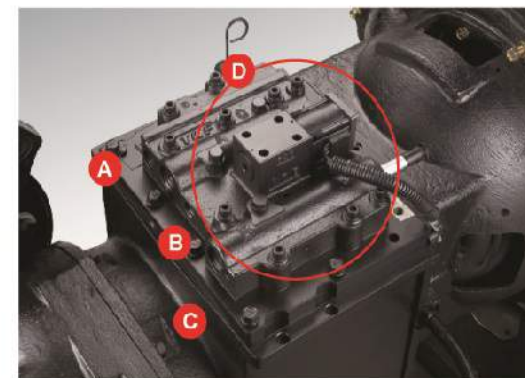
## Standard fork carriage (6 rollers)

All our mast assemblies use a 6-roller carriage for smooth operation even at full capacity. A 1220mm high-load bracket is standard for increased load control and operator safety.



## Hydraulic lift cylinder safety check valve

A check valve has now been added to the mast to control the drop speed, automatically avoiding crashes, damaged goods and excessive noise.



## Power-shift transmission

Each transmission is bench tested and provides easy disassembly for rebuilds. Each has 10 disks in clutch packs with 5 steel and 5 fiber composites.

- A** 35 micron filter with check valve
- B** 125 mesh shielded sump strainer
- C** magnetic drain plug
- D** solenoid control valve

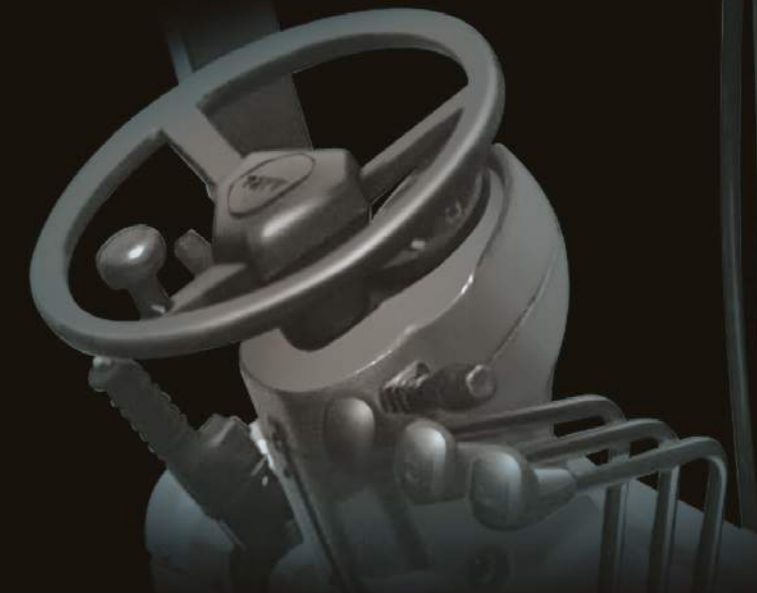


## Hydraulic steer axle

The rear axle delivers great maneuverability by allowing very high steer angles. It offers exceptional durability and lower maintenance than traditional steering linkages.

# Optimal visibility & ergonomics

Better visibility = greater safety and maximum productivity



*High Level Visible*



Tailift professional cushion tire version shares much of the same engineering as our pneumatic tire models. With the same great looks, solid build and tight turning radius, it is simply the best lift truck for the money, maximizing production while minimizing worker fatigue in warehouse applications.



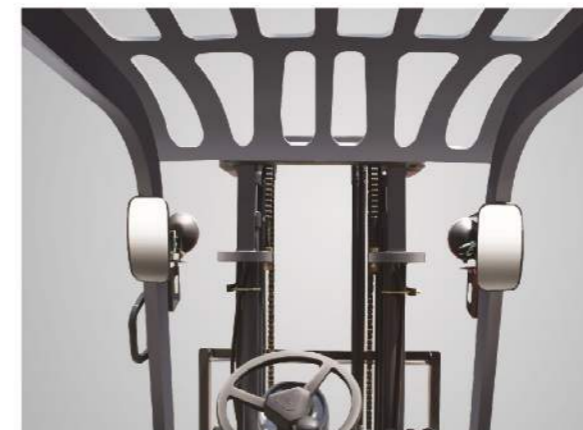
Backward visibility



New Front Cowl



Large Foot Space



Forward visibility



Deluxe suspension seat (optional)

The Grammer suspension seat delivers the best in operator comfort, posture and performance. Ergonomically designed, it accommodates a wide range of operator weights with generous fore/aft, seat belt and seat angle adjustments.

# Easy maintenance



## Non-bolt floorboard

Quick, tool-free access to the engine compartment below the floor boards saves time during regular servicing.

## Insulated engine cover

The engine cover has a gas-filled cylinder with an automatic locking device to assist in opening and locking open the cover. Easy service access reduces maintenance time and expense. With the cover locked open, your technicians have easy access to all service points.

# Engine

Available Model		FD15-25	FD15-35	FD20-35	FD20-35	FD20-35
Manufacturer		ISUZU	YANMAR	ISUZU	ISUZU	YANMAR
Model		C240PKF-23	4TNE94	4JG2	4LE2X	4TNE98
Rated Output	kw	34.6	34.2	44.8	46	44.1
Rated Speed	rpm	2500	2200	2450	2400	2450
No.of cylinders/ displacement	--/c.c.	4/2369	4/3054	4/3059	4/2179	4/3319
Emission		Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 2	Stage IIIB/Tier 4 EPA	Stage IIIA/Tier 3

Available Model		FG15-25	FG20-35
Manufacturer		NISSAN	NISSAN
Model		K21	K25
Rated Output	kw	31.2	37.4
Rated Speed	rpm	2250	2300
No.of cylinders/ displacement	--/c.c.	4/2065	4/2488
Emission		Tier 3 Non-EPA	Tier 3 Non-EPA

# Options



counterweight type



swing-out LPG bracket



Dual wheel



Upward Exhaust Pipe I



Upward Exhaust Pipe II



Super elastic solid tires



Cabin



Rain Guard(optional)



Climate controlled full cabin



Pre-cleaner engine air intake



Side shift



Hinged Fork



Rotating Fork

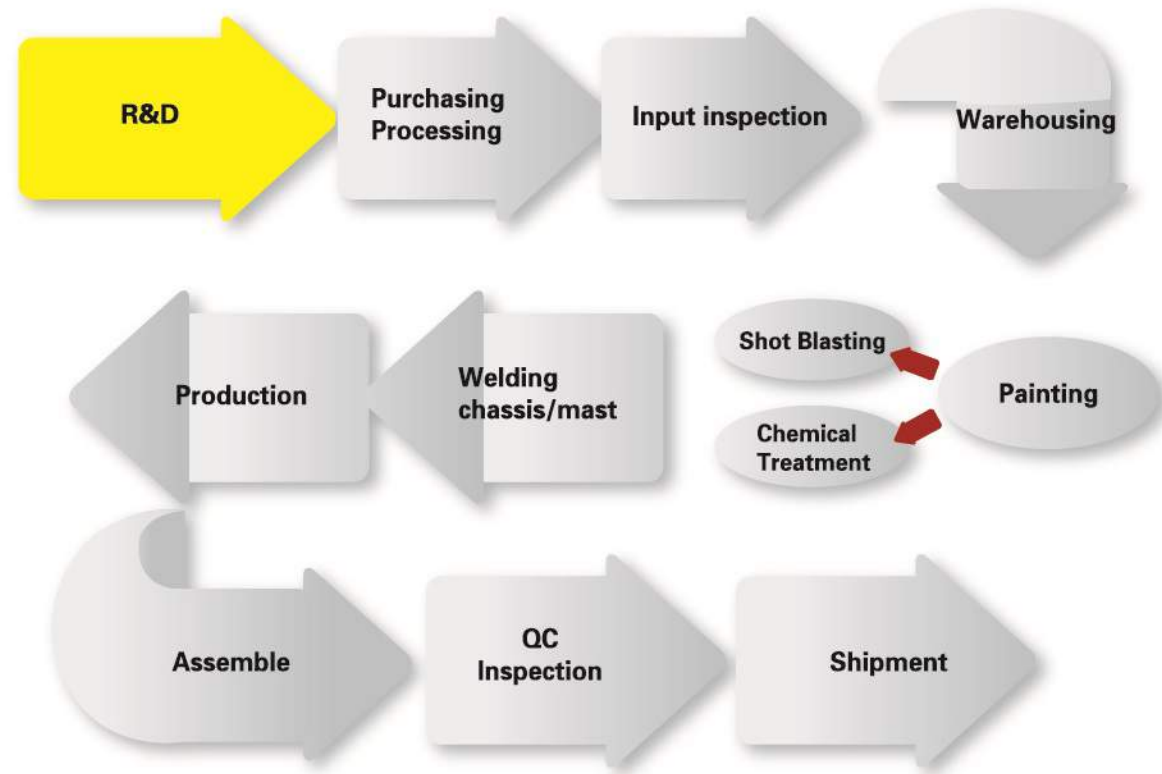


Shovel



Bale Clamp

# Quality Control



R&D



Chemical Treatment



Shot Blasting



Flow spray



Automatic production line



QC



Power spray

## Equipment And Accessories

● STANDARD ○ OPTIONAL

	FD15 FG15	FD20 FG20	FD25 FG25	FD30 FG30	FD35 FG35
Integral heavy duty overhead guard	●	●	●	●	●
Overhead air intake system	●	●	●	●	●
Asbestos free brake shoe material	●	●	●	●	●
Full hydraulic power steering	●	●	●	●	●
2-spool control valve with pressure relief	●	●	●	●	●
Horizontal brake	●	●	●	●	●
Power-assisted brake					●
Hi-visibility, wide view mast	●	●	●	●	●
ITA Class carriage	●	●	●	●	●
Load backrest	●	●	●	●	●
1070mm forks(Cascade Kenhar)	●	●	●	●	●
Electric F/R control lever	●	●	●	●	●
Lift and tilt levers	●	●	●	●	●
Parking brake lever with inter-lock	●	●	●	●	●
Fuel water sedimenter(Diesel)	●	●	●	●	●
Return hydraulic filter	●	●	●	●	●
Transmission oil filter	●	●	●	●	●
Front combination lights(turn signal, )	●	●	●	●	●
"Rear combination lights (turn signal,tail,brake, back-up)"	●	●	●	●	●
Front head lights	●	●	●	●	●
Operator tool kit	●	●	●	●	●
Side view mirrors(R/L)	●	●	●	●	●
Charge indicator	●	●	●	●	●
Engine check indicator	●	●	●	●	●
Engine oil pressure warning indicator	●	●	●	●	●
Fuel gauge	●	●	●	●	●
Glow indicator	●	●	●	●	●
Hourmeter	●	●	●	●	●
Neutral safety switch	●	●	●	●	●
Water temperature gauge	●	●	●	●	●
High/Low speed setting					●
Dual operator assist grip	●	●	●	●	●
Non-slip floor mat	●	●	●	●	●
Super-elastic solid tires	○	○	○	○	○
Cushion tires	○	○	○	○	○
Wide tread tires			○	○	○
Dual front wheel		○	○	○	○
High, wide type of load backrest	○	○	○	○	○
Wide type fork carriage	○	○	○	○	○
Deluxe suspension seat with seat-belt	○	○	○	○	○
Mast Lock system(Lift/Tilt)	○	○	○	○	○
Hinged forks	○	○	○	○	○
Tilt cylinder boots	○	○	○	○	○
Steel Cabin	○	○	○	○	○
Heater (steel cabin)	○	○	○	○	○
Windshield with wiper	○	○	○	○	○
Pre-cleaner	○	○	○	○	○
Exhaust pipe, upward	○	○	○	○	○
Adjustable overhead guard	○	○	○	○	○
Back-up buzzer	○	○	○	○	○
Rear head lights	○	○	○	○	○
Emergency flash light(Yellow/Red)	○	○	○	○	○
Torque converter oil pressure gauge	○	○	○	○	○
Fire extinguisher	○	○	○	○	○
Fan	○	○	○	○	○
Rain Guard	○	○	○	○	○
Hook on sideshift	○	○	○	○	○
Integral sideshift		○	○	○	○
Joystick hydraulic controls	○	○	○	○	○
Swing-out LPG bracket	○	○	○	○	○
Fork extension sleeves	○	○	○	○	○
Fork positioner	○	○	○	○	○
Front cowl cover					○