

flexiLIFT

I.C. FORKLIFT TRUCKS



1.5 – 5 TON



FEATURES & BENEFITS

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

flexiLIFT

FITS ALL YOUR NEEDS

Innovative and Revolutionary Forklift Truck

Based in Australia, Flexilift Group was established in 1995.

Flexilift Group is one of Australia's leading distributors of material handling equipment.

Flexilift is an ISO9001 quality management system company. Each series is obtained with CE and EPA certificates.

Flexilift forklift trucks involve the best in virtual bench and field-testing to ensure the final product meets the high quality standard demanded. Flexilift forklifts bring you great comfort and unmatched productivity.

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



Y / EASY MAINTENANCE WITH LOW COST OF OWNERSHIP

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.



Electric F/R control lever

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



Light control lever

This controls both the headlight and turn signals.

New multifunction Cobo Instrument Panel

A compact and easily readable multifunction display is centrally located for optimum visibility. It provides all critical information for the operator to safely operate and maintain the vehicle.





Steering wheel with assist knob

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



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.

- | | |
|------------------------------------|--|
| A Sediment warning lamp | G Charging warning lamp |
| B Glow warning lamp | H Parking brake indicator |
| C Oil pressure warning lamp | I Fuel meter |
| D Left direction indicator | J Electronic hour meter and water temperature gauge |
| E Right direction indicator | |
| F Neutral indicator | |



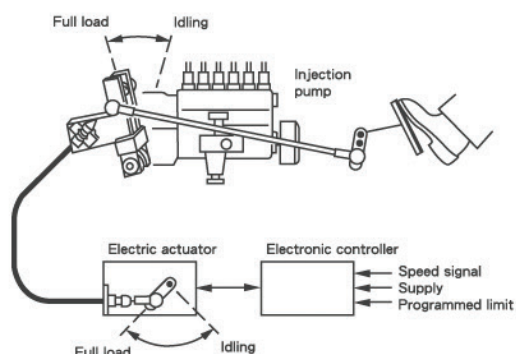
Tilting steering column

The steering column tilts for perfect driver ergonomics.

Safe. Stable. Efficient

Flexilift 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 four 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.





flexiLIFT



▲ 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.

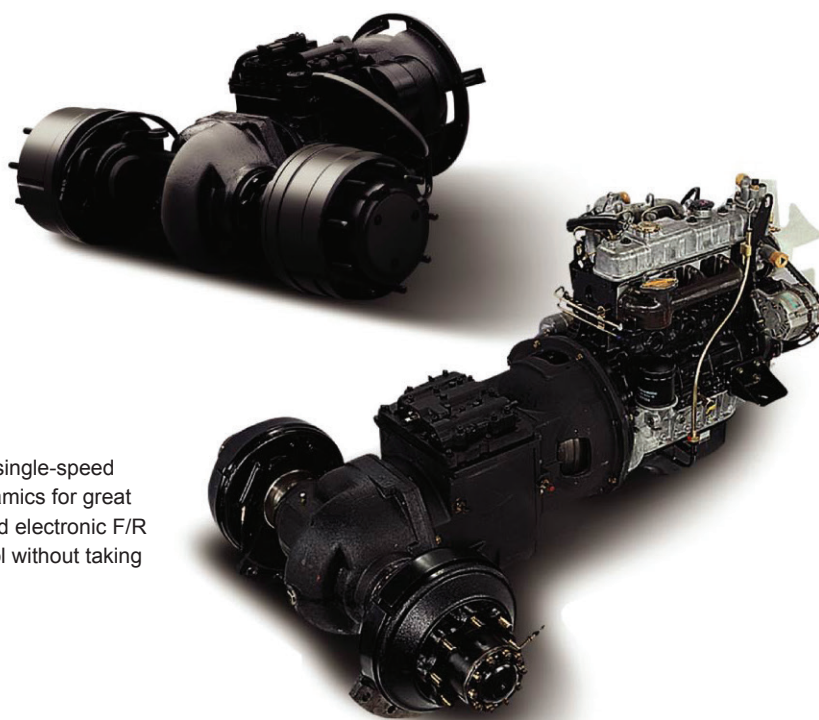


Asbestos-free brake shoes

High-friction brake use non-asbestos shoes.

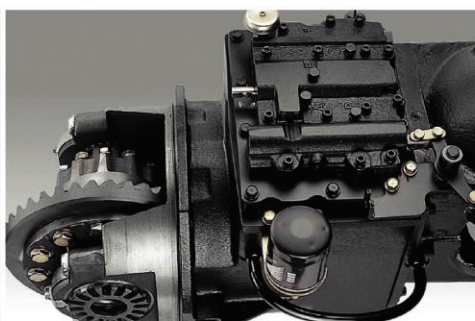
Great Performance

High performance, fuel efficient, low emission engines

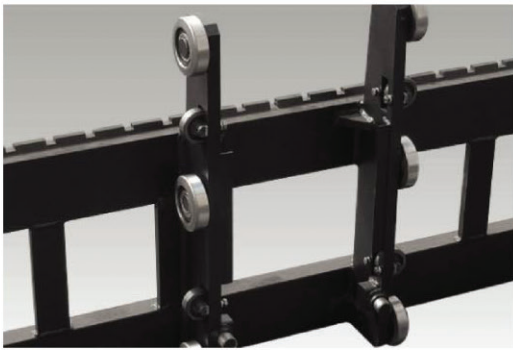


Tailift transmissions

The transmission used in the MD series 1.5-3.5T single-speed and 4-5T two-speed F/R 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.



Flexilift 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.



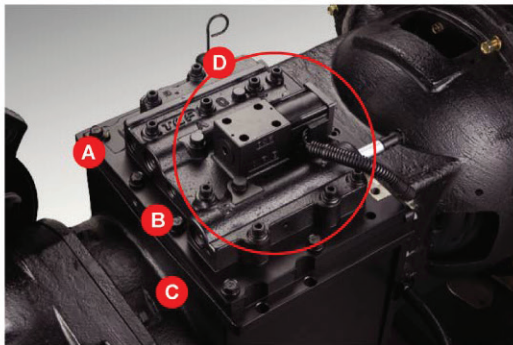
Standard fork carriage (6 rollers)

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 manoeuvrability by allowing very high steer angles. It offers exceptional durability and lower maintenance than traditional steering linkages.

Compact Truck

Value + Peace of Mind = Flexilift

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



- Cushion tyres provide low rolling resistance, superior energy efficiency and excellent stability for total application flexibility.
- Extremely compact dimensions ensure tight turning radius.
- Easy on and off access thanks to grab bar, short bonnet and low step height.
- Very quiet, stress-free operation thanks to special sound and vibration suppression techniques.
- Ergonomic design with compact steering wheel, tilting steer column and full hydrostatic steering for easy operation in confined space.
- Battery electric alternative is also available.



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

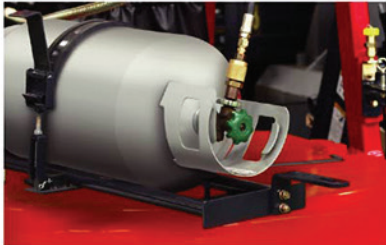
The engine cover has a gas-filled cylinder with an automatic locking device to assist in opening and locking open the cover. Easy service access reduces maintenance time and expense. With the cover locked open, your technicians have easy access to all service points.

Engine

Available Model		FD15-25	FD20-35	FD20-35	FD15-25	FD20-35
Manufacturer		ISUZU	ISUZU	ISUZU	YANMAR	YANMAR
Model		C240PKF-23	4JG2	4CG2	4TNE92	4TNE98
Output	kw	34.3	44.9	44.1	33.4	44.1
Speed	rpm	2500	2450	2725	2725	2725
No. of cylinders / displacement	-/c.c.	4 / 2369	4 / 3059	4 / 3319	4 / 2659	4 / 3319

Available Model		FG15-25	FG15-35	FD40-50	FD40-50	FG40-50
Manufacturer		NISSAN	NISSAN	PERKINS	NISSAN	NISSAN
Model		K21	K25	1104D-44	TD-42	TB-42
Output	kw	32	38	56	63	69
Speed	rpm	3200	3200	2200	2300	2400
No. of cylinders / displacement	-/c.c.	4 / 2065	4 / 2488	4 / 4400	6 / 4169	6 / 4169

Options



Swing-out LPG bracket



Counterweight type



Dual wheel



Upward Exhaust Pipe I



Upward Exhaust Pipe II



Super elastic solid tyre



Cabin



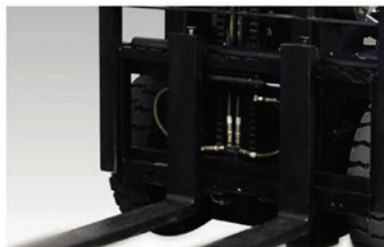
Rain Guard (optional)



Climate controlled full cabin



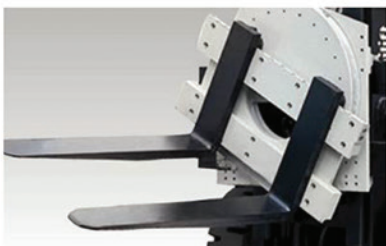
Pre-cleaner engine air intake



Side shift



Hinged Fork



Rotating Fork



Shovel



Bale Clamp

*** A full range of optional attachments are available.**

Quality Control

ITEMS	MODEL	FD/FG 15	FD/FG 18	FD/FG 20	FD/FG 25	FD/FG 30	FD/FG 35	FD/FG 40	FD/FG 45	FD/FG 50
Capacity	Kg Q	1500	1800	2000	2500	3000	3500	4000	4500	5000
Load Centre	mm C	500	500	500	500	500	500	500	500	500
Overall Width	mm B	1065	1065	1158	1158	1290	1290	1450	1450	1450
Max Fork Spread	mm	950	950	1025	1025	1150	1150	1320	1320	1320
Front Wheels (O/A width across)	mm	885	885	970	970	1055	1055	1150	1150	1150
Rear wheel (O/A width across)	mm	900	900	985	985	985	985	1190	1190	1190
Min. Outside Turning Radius	mm R	1950	1995	2170	2250	2415	2615	2850	2900	3050
O/A Maximum Height	mm h4	4220	4220	4220	4220	4220	4220	4220	4220	4220
Standard Maximum Lift Height	mm h3	3300	3300	3300	3300	3300	3300	3300	3300	3300
Lowered Height Standard Mast	mm h1	2150	2150	2150	2150	2150	2150	2150	2150	2150
Service Weight	kg	FD=3000	FD=3050	FD=3500	FD=3800	FD=4500	FD=4700	FD=6420	FD=6550	FD=6700
	kg	FG=2920	FG=2970	FG=3500	FG=2720	FG=4420	FG=4620	FG=6470	FG=6600	FG=6750
Free Lift	mm h5	80	80	80	80	80	80	80	80	80
Load Back Rest Height	mm h8	1220	1220	1220	1220	1220	1220	1220	1220	1220
Fork Length	mm l	1070	1070	1070	1070	1070	1070	1220	1220	1220
Fork Thickness	mm s	35	40	40	50	50	60	60	60	65
Carriage Face to Drive Wheel CL	mm x	485	445	490	470	530	540	540	540	540
Wheelbase	mm y	1370	1550	1550	1650	1850	2000	2050	2050	2200
Overall Length inc Forks	mm L2+1	3350	3530	3575	3670	3930	4330	4380	4380	4530
Ground Clearance @ Lowest Point	mm m2	120	120	120	120	120	140	140	140	140
Towing Hitch Height	mm	160	230	240	290	290	395	395	395	395
Seat Height	mm h7	1110	1140	1140	1210	1210	1220	1220	1220	1220
Steering Wheel Height	mm R	1500	1550	1550	1560	1560	1710	1710	1710	1710
O/A Overhead guard height	mm h6	2070	2110	2110	2140	2140	2290	2290	2290	2290
Front Tyre	mm	6.50 ~ 10 ~ 10		7.0 ~ 12 ~ 12		8.15 ~ 15 ~ 12		300 ~ 15 ~ 20		
Rear Tyre	mm	5.0 ~ 8 ~ 8		6.0 ~ 9 ~ 10		6.5 ~ 10 ~ 10		7.0 ~ 12 ~ 12		
90° Stacking Aisle (800mm x 1200mm pallet)	mm Ast	3375	3420	3635	3715	3895	4095	4420	4520	4670

Specification are subject to improvements and changes without notice

Equipment and Accessories

● STANDARD ○ OPTIONAL

	FD15 FG15	FD20 FG20	FD25 FG25	FD30 FG30	FD35 FG35	FD40 FG40	FD45 FG45	FD50 FG50
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	○	○	○	○	○	○	○	○

Compact Truck



Specifications

ITEMS	MODEL		FG 15C	FG 18C	FG 20C	FG 25C	FG 30C	FG 35C
	Kg	Q						
Capacity	mm	C	500	500	500	500	500	500
Load Centre	mm	B	965	965	1059	1084	1110	1198
Overall Width	mm		919	919	919	919	968	1151
Max Fork Spread	mm		815	815	879	879	894	975
Front Wheels (o/a width across)	mm		825	825	919	919	825	1011
Rear wheel (o/a width across)	mm	R	1753	1778	1943	1994	2095	2283
Min. Outside Turning Radius	mm	h4	4521	4521	4521	4521	4521	4521
O/A Maximum Height	mm	h3	3300	3300	3300	3300	3300	3300
Standard Maximum Lift Height	mm	h1	2150	2150	2150	2150	2150	2150
Lowered Height Standard Mast	kg		FD=3000	FD=3050	FD=3500	FD=3800	FD=4500	FD=4700
Service Weight	kg		FG=2920	FG=2970	FG=3500	FG=2720	FG=4420	FG=4620
	mm	h5	145	145	150	150	150	160
Free Lift	mm	h8	1220	1220	1220	1220	1220	1220
Load Back Rest Height	mm	l	1070	1070	1070	1070	1070	1070
Fork Length	mm	s	35	35	40	40	45	50
Fork Thickness	mm	x	376	376	414	414	420	440
Carriage Face to Drive Wheel CL	mm	y	1199	1199	1399	1399	1399	1549
Wheelbase	mm	L2+1	3086	3117	3327	3386	3480	3647
Overall Length inc Forks	mm	m2	109	109	109	109	109	125
Ground Clearance @ Lowest Point	mm		228	228	259	259	259	284
Towing Hitch Height	mm	h7	1003	1003	998	998	998	1064
Seat Height	mm	R	1405	1405	1425	1425	1425	1460
Steering Wheel Height	mm	h6	1989	1989	2001	2001	2001	2040
O/A Overhead guard height	mm		18 x 6 x 12	18 x 6 x 12	21 x 7 x 15	21 x 7 x 15	21 x 7 x 15	22 x 9 x 16
Front Tyre	mm		14 x 4 x 8	14 x 4 x 8	16 x 5 x 12	16 x 5 x 12	16 x 6 x 11	18 x 6 x 12
Rear Tyre	mm	Ast	3129	3154	3357	3408	3515	3723
90° Stacking Aisle (800mm x1200mm pallet)								

Specification are subject to improvements and changes without notice

Notes



R&D



Chemical Treatment



Automatic production line



Shot Blasting



Flow spray



QC



Power spray

FLEXILIFT'S COMMITMENT AND VISION

- To provide the toughest and most reliable forklift trucks for even the most challenging applications.
- To provide on-time Australia-wide sales, services and spare parts support.
- Flexilift now continues close cooperation with Tailift Group, one of the top 16 world-wide forklift manufacturers.
- To partner our clients in order to intimately deliver a low-cost reliable material handling solution.
- To provide the highest level of quality and deliver the best value for money material handling solutions.



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