Ready to Perform
To Your Applications

MITSUBISHI FORKLIFT TRUCKS

www.mitforklift.com.sg

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PRESENTED BY:

Note: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Mitsubishi forklift truck dealers. Mitsubishi Forklift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

MITSUBISHI FORKLIFT TRUCKS

CLASIDiA
Classic Diamond

Internal Combustion Pneumatic Tyre
2.0–3.0 ton

Ready To Perform *To Your Applications*

POWERFUL AND RELIABLE

Mitsubishi CLASIDIA

Classic Diamond

Mitsubishi Forklift Trucks is proud to announce a new model in its line up of reliable Forklift Trucks – ***the Clasidia***.

The Clasidia is designed to meet the needs of growing businesses that require a durable, reliable and versatile forklift to carry out day-to-day goods loading, moving and unloading requirements.

• Truck is displayed with optional items

PERFORMANCE

The Clasidia forklift truck offers growing business the productivity boost of machine-powered loading, moving and unloading of materials. Thanks to the Clasidia's straightforward layout and design, operators will benefit from more headroom, legroom and visibility in the cab. Mitsubishi Forklift Trucks' commitment to quality and reliability means the Clasidia will be continue to be a good return on investment for years to come.

Powerful Lifting Capacity

Mitsubishi Clasidia forklift are constructed with a low center of gravity frame that optimizes vehicle balance and stability during lifting. That means a greater load capacity with much greater stability. The high-torque, high-power engine maintains a stable lift speed regardless of the load, helping operators to increase productivity.

EXCELLENT LIFTING ABILITY

Lift speed: **640**mm/s (when loaded)
670mm/s (when not loaded) •FD25HS

No capacity deration up to a height of 4 meters (2-stage mast).

Compact Turning

Tight turns are easy with the Clasidia thanks to a fully hydraulic power steering. Its maneuverability allows for easy U-turns and navigation in small workspaces.

EXCELLENT STEERING ABILITY

Minimum turning radius
2325 mm •FD25HS

CLASIDIA IS EASY TO MANEUVER EVEN IN CRAMPED WAREHOUSES AND DELIVERY BAYS

Right angle stacking aisle width
4085mm •FD25HS

PERFORMANCE

The Clasidia comes standard with a lot of features not often found on some other forklift trucks.

1. Integrated Digital Monitor
   Easy to read. Unobstructed view from driver's seat.

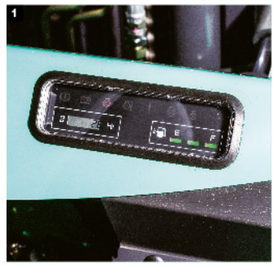
2. Wide Cab Visibility
   Excellent forward visibility. Greater rear visibility.

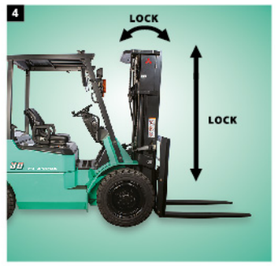
3. Reinforced overhead guard for safety.
   Overhead guard design allows for excellent forward visibility without compromising on operator's safety and comfort outdoors

4. Mast Interlock
   Clasidia is equipped with an integral mast interlock system when key switch is turn off. The mast movement is locked when key switch is turned off in order to prevent injury or damage to property.

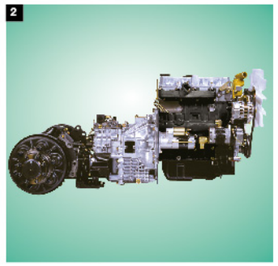
5. Tilting Steering Column
   Because all operators aren't the same size or build, Clasidia incorporates a tilting steering column that allows drivers greater comfort.

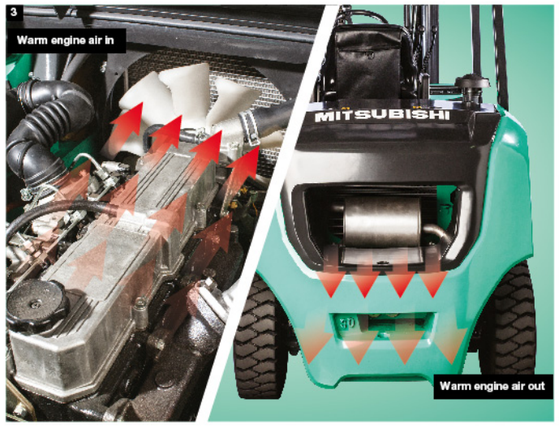
6. Additional Safety: Neutral Safety Start prevents the engine from starting unless the control lever is positioned in neutral. Eliminates starting truck, while in gear.





RELIABILITY AND SERVICEABILITY





A Strong Performer, Built Tough to Last Longer

1. 44kW Diesel Engine
   Inside every Clasidia diesel forklift is a beefy 44kw engine, which makes for strain-free performance and allows high lifting and travel speeds for all operations. Clasidia gasoline forklift trucks are equipped with the renowned K25 dual fuel engine with the flexibility of either using gasoline or LPG.

2. Floating Power Train
   To manage all that Power, Clasidia is equipped with a full-floating power train that isolates vibrations from the engine to the frame and chassis. This isolation not only increases operator comfort in the cab but, more importantly, also reduces wear on vital parts and forklift drive train components.

3. Optimal Airflow and Cooling
   Clasidia is designed, engineered and built with reliably in mind. To illustrate this, truck's cooling system is designed to operate in tropic conditions where the ambient temperature is usually high. To prevent overheating and excessive heat, cool air is moved through the engine compartment and radiator by a powerful cooling fan trough the counterweight opening, which ensures the engine operates at optimum performance levels. The improved air circulation also means that there is less stress on vital engine components and that helps ensure truck reliability.

Serviceability

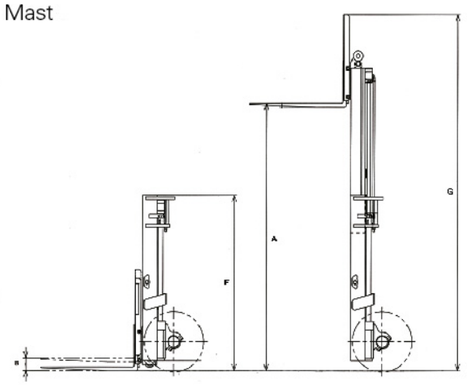
The new Clasidia was designed so that troubleshooting and repairs are easy and require no specialized tools. Access to the engine bay is as simple as pushing a small button and lifting up engine cover. The engine bay is well laid out and there is plenty of room to carry out routine maintenance, service or repairs.

- Easy access to engine
- No specialized tools necessary
- Large engine bay access

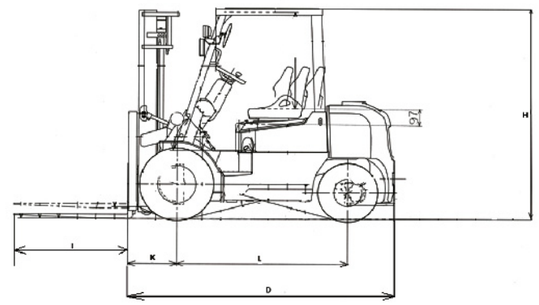
STANDARD SPECIFICATIONS

CHARACTERISTICS											
1	Type of Truck					DIESEL ENGINE TRUCK			GASOLINE ENGINE TRUCK		
2	Model					FD20HS	FD25HS	FD30HS	FG20S	FG25S	FG30S
3	Loading Capacity			Kg		2000	2500	3000	2000	2500	3000
4	Load Center			mm			500			500	
PERFORMANCE											
5	Maximum Fork Height			mm	A	3000	3000	3000	3000	3000	3000
6	Free Fork Height			mm	B	140	140	145	140	140	145
7	Speeds	Lifting	Loaded	mm/s		640	640	510	580	580	460
			Unloaded	mm/s		670	670	545	660	660	530
		Lowering	Loaded	mm/s		500	500	530	500	500	530
			Unloaded	mm/s		500	500	500	500	500	500
8	Tilt	Mast	Forward	deg				6			
			Backward	deg				10			
9	Speeds	Traveling	Loaded	km/h		19	19	19	19	19	19
			Unloaded	km/h		19.5	19.5	19.5	19.5	19.5	19.5
10	Maximum Drawbar Pull	stationary on slope	Loaded	N		20000	19700	19400	18600	18400	18300
	Drawbar Pull	at 1.6km/h	Loaded	N		17800	17600	17200	16200	16000	15800
11	Maximum Gradeability	stationary on slope	Loaded	%		40.4	34.2	27.7	38.1	32.2	26.5
	Gradeability	at 1.6km/h	Loaded	%		35.6	30.2	24.5	32.8	27.8	22.8
12	Turning Radius			mm	C	2300	2325	2415	2300	2325	2415
13	Practical Intersecting Aisle Width			mm	O	2230	2240	2335	2230	2240	2335
14	Practical Aisle for Right Angle Stacking			mm		4055	4085	4210	4055	4085	4210
DIMENSIONS											
15	Overall Length to Fork Face			mm	D	2525	2560	2690	2525	2560	2690
16	Width	with Standard Tires		mm	E	1165	1165	1285	1165	1165	1285
17	Height	with Lowered Mast			F	1990	1990	2015	1990	1990	2015
		with Extended Mast (with backrest)		mm	G	4055	4055	4055	4055	4055	4055
		to top of Overhead Guard		mm	H	2075	2075	2095	2075	2075	2095
18	Forks (Thickness x Width x Length)			mm	I	45X100X920	45X100X1070	45X122X1070	45X100X920	45X100X1070	45X122X1070
19	Forks Spread (Out-to-Out Minimum / Maximum)			mm	J	244/1000		285/1000	244/1000		285/1000
20	Front Overhang (Center of Front Axle to Fork Face)			mm	K	455	460	495	455	460	495
21	wheelbase			mm	L	1650	1650	1670	1650	1650	1670
22	Tread Width	Front, standard Tires		mm	M	960	960	1060	960	960	1060
		Rear, Tires		mm	N	980	980	980	980	980	980
23	Ground Clearance	at Lowest point mast		mm		115	115	135	115	115	135
		at Center of Wheelbase		mm		165	165	185	165	165	185
24	Tire Size	Front		mm		7.00-12-12PR		28X9-15-12PR	7.00-12-12PR		28X9-15-12PR
		Rear		mm		6.00-9-10PR		6.50-10-10PR	6.00-9-10PR		6.50-10-10PR
WEIGHT											
25	Machine Weight			kg		3373	3665	4300	3266	3557	4193
BRAKE											
26	Service Brake Type							Hydraulic			
27	Parking Brake Type							Hand Operated			
POWER TRAIN											
28	Engine	Model					S4S Tier 2			K25	
		Max. Rated Power/rpm to DIN70020		kW/rpm			44/2300			40/2200	
		Max. Rated Torque/rpm to DIN70020		Nm/rpm			183/1800			186/1600	
		Displacement		cc			3331			2488	
		Fuel Tank Capacity		L				66			
29	Transmission	Type						ATM(TORQUE CONVERTER)			
		Forward						1			
		Backward						1			
30	Relief of Pressure	For Attachments		Mpa				18.1			

Mast



Side View



Top View