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MATERIAL HANDLING

GX Series Diesel Forklift
5 tonne

ROBUST DESIGN, BREAKTHROUGH PERFORMANCE

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IMPROVED PERFORMANCE, BETTER ERGONOMICS AND REDUCED CARBON FOOTPRINT

- Move more loads with 17% faster operations due to increased speed up to 20 kmph
- Handle demanding operations with 21% gradeability compared to earlier 17%
- Eco-friendly operations with compliance to the latest CEV-IV norms
- Fatigue-free operations even in longer working hours with a new engine with reduced noise and vibration
- Stay informed with digital cluster for enhanced machine monitoring and service management

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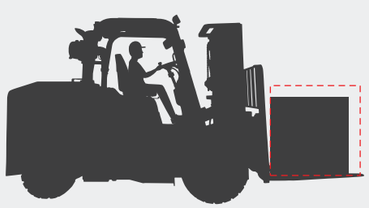
PERFORMANCE AND PRODUCTIVITY WITH EVERY MOVE

CEV IV compliant engine for eco-friendly operations
Equipped with powerful and efficient turbocharged CRDI engine churning out 54.4 kW at 2200rpm (73 HP).
Up to 37% reduction in emission of harmful gases (CO, NOx, HC).
Lowest noise and vibration levels compared to any other engine in its class.

Multifunctional LCD display
The display screen toggles between various screens that share vital information about the operational parameters and fault codes for quick and easy diagnostics. It also allows setting of service reminders helping keep track of service schedules.

Efficient and effortless operations
Automatic hydrodynamic transmission eliminates clutch operation and reduces operator fatigue. The transmission is manufactured in-house and integrates perfectly with the engine to give operations the required speed and torque. Constant mesh gears eliminate gear clashing resulting in lower maintenance costs.

XB model

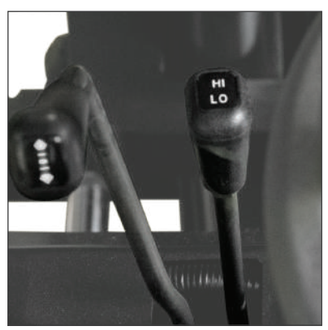


- XB model with extended 750mm load center handles longer and wider loads with ease and safety.

Improved cooling
Redesigned airflow inside the counterweight and a 75% increase in window size ensures efficient performance and improve engine cooling.

Robust construction
Hydrostatic steering with laterally mounted cylinder is enginered to be low on maintenance and longer in service life.

Power on slopes
Higher gradeability of 21% enables you to tackle more demanding operations and tougher ground conditions with ease.



Pick the mode of choice
Two speed modes are available for improved fuel and operational efficiency. Choose between high speed and high torque based on your operational requirement.

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OPERATOR COMFORT AND SAFETY ARE OF UTMOST PRIORITY

Superior stability and drive quality
Standard forklift equipped with four tyres in the front provides better weight distribution, superior ride quality, and safer lifting operations.

Better braking
Pneumatically controlled hydraulic disc brakes require low braking effort; reducing operator fatigue during operations.

Easy manoeuvrability
Hydrostatic power steering with a small diameter steering wheel of 315mm which requires minimal effort to steer even with load.

20% quieter operations
A new low noise engine combined with redesigned engine hood insulation reduces noise and vibration.

Operator-friendly driver module
4-way adjustable seat, ample leg space and ergonomically placed levers keeps fatigue at bay; helps operator focus on handling tasks.

Operator presence sensing (Optional)
OPS prevents engine start when the operator is not seated, or the seatbelt is not fastened. Additionally, OPS brings the engine to idle rpm during operation, slowing/restricting all travel and lift capability when the operator is not seated correctly with the seatbelt fastened.

Visibility like never before
Clear View Mast and thoughtfully designed overhead guard improve visibility on all sides for greater safety and ease of operations

Easy ingress and egress
Low entry step, high overhead guard clearance and grab handle ensures the operator gets on and off the forklift truck safely and easily from both sides.

Anti-cranking feature prevents accidental re-cranking of engine after it is started.

Safety release on parking brake lever prevents accidental release of parking brake.

Neutral start control ensures the truck only starts in neutral gear to prevent unintended travel.

Tilt lock valve locks the mast in any tilted position for stable operations with heavy loads.

Load lowering control valve regulates lowering speed to ensure safety while lowering loads.

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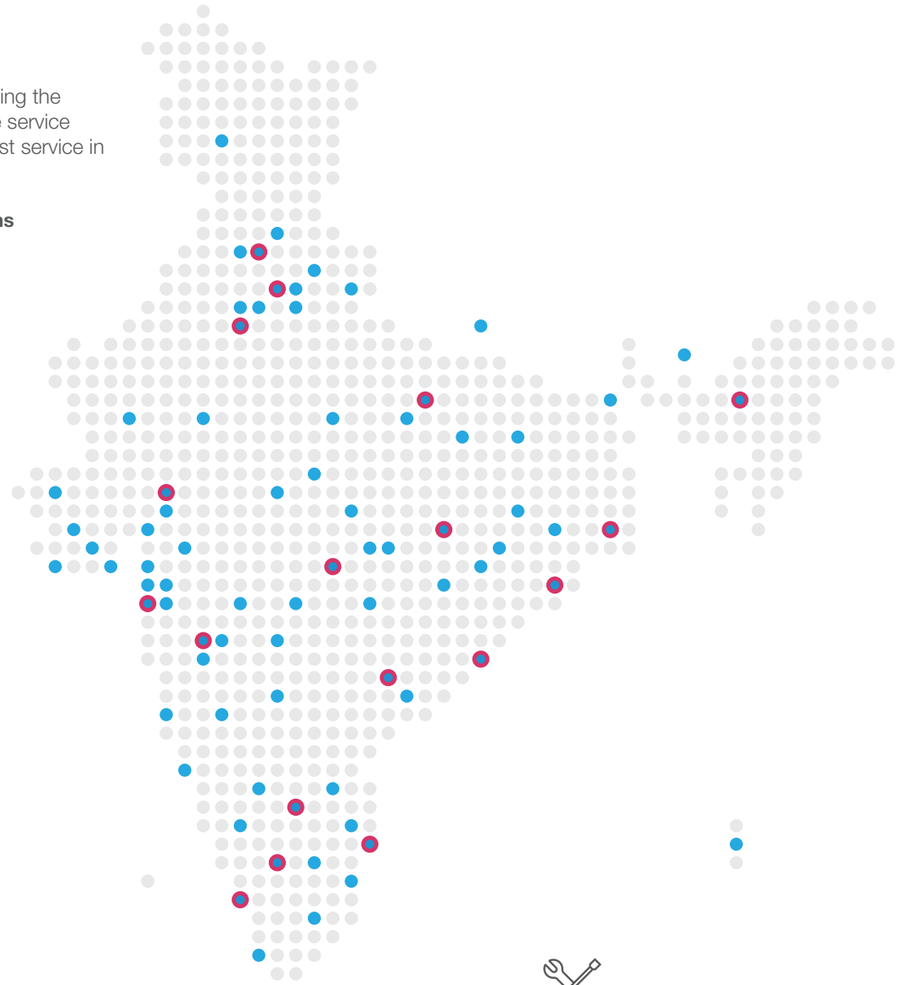
EASY SERVICEABILITY

Location no bar

No matter where you are using the GX Diesel Forklifts, our wide service network assures you the best service in the shortest possible time.

Branch and Dealer locations
Dealer locations



Spare parts, anywhere

Assured genuine spares through our Pan-India network of over 90 touch points.

Super easy preventive maintenance

Easy access to sub-assemblies and main aggregates for better serviceability.

SafeLog
Godrej Vehicle Monitoring System

Safelog is a indigenous fleet management system that allows access to live data of all material handling equipment operations. Keep up with machine uptime, fuel consumption, fleet utilization and equipment health all in one place for data based decision making.

STANDARD AND OPTIONAL ACCESSORIES

STANDARD INCLUSIONS

- Engine compliant to latest emission norms - CEV IV
- 4 cylinder, 4-stroke, water cooled CRDI engine
- Push button engine start, key switch engine off
- Powerful 2-speed automatic torque convertor transmission
- Articulated steer axle with lateral steering cylinder
- Hydrostatic power steering
- Head & tail lights, signal lights, reverse alarm, rear view mirror and non-retractable seat belt
- One pair of standard 1200mm hook-on forks
- Multifunctional LCD display
- Sturdy and rugged driver's overhead guard
- Toolkit, canopy

OPTIONAL

- Adjustable steering column
- Long forks – 1600mm
- Solid tyres
- Towing coupler

SAFETY ACCESSORIES

- Operator Presence Sensing (OPS)
- Overload alarm
- Retractable seat belt
- Spark arrestor

Access control system*

- Electronic pin access
- Key card access
- Biometric access control

Safety Lights

- Red halo safety lights
- Blue safety lights
- Reverse spotlight
- Emergency flashing light

ATTACHMENTS

- Fork extensions
- Fork positioner
- Side shifter
- Paper roll clamp
- Ram attachment
- Carriage mounted crane
- Fork mounted crane

Note: For any other attachments required please consult your nearest Godrej branch or dealer

*Customers can choose from one or more options

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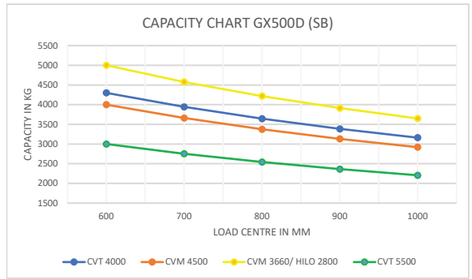
TECHNICAL SPECIFICATION

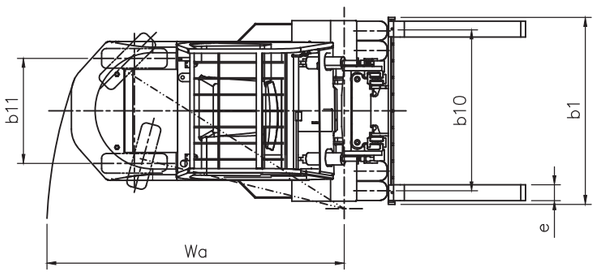
Characteristics	1.2	Model	-	GX500D (SB)	GX500D (XB)
	1.3	Drive (Battery, Diesel, Petrol)	-	Diesel	Diesel
	1.4	Operation	-	Seated	Seated
	1.5	Rated capacity	kg	5000	5000
	1.6	Load centre distance	c (mm)	600	750
	1.8	Load distance (Front Overhang)	x (mm)	510	560
	1.9	Wheelbase	y (mm)	2010	2310
Weight	2.1	Service weight incl. battery	kg	7000	7200
	2.2	Axle loading, laden front/rear	kg	11000/1200	12350/1020
	2.3	Axle loading, unladen front/rear	kg	2800/ 4200	4440/ 3835
Tyres, chassis	3.1	Tyres	-	Pneumatic/Solid	Pneumatic/Solid
	3.2	Tyre size, front	inch	300 x 15 / 7.5 x 16 - 16 PR	300 x 15 / 7.5 x 16 - 16 PR
	3.3	Tyre size, rear	inch	7.00 x 12 - 16 PR / 7.00 x 12 - 16 PR	7.00 x 12 - 16 PR / 7.00 x 12 - 16 PR
	3.4	Wheels, number front/rear (Single/Dual Drive)	-	2x/2, 4x/2	2x/2, 4x/2
	3.5	Tread, front	b10 (mm)	1200	1200
	3.6	Tread, rear	b11 (mm)	1070	1070
Dimensions	4.1	Tilt of mast forward/backward	α/β (deg)	6/10	6/10
	4.2	Height, mast lowered	h1 (mm)	2700	2700
	4.3	Free lift	h2 (mm)	120	120
	4.4	Lift	h3 (mm)	3660	3660
	4.5	Height, mast extended*	h4 (mm)	4560	4560
	4.7	Height of overhead guard (cabin)	h6 (mm)	2390	2390
	4.8	Seat height	h7 (mm)	1300	1300
	4.12	Coupling Height	h10 (mm)	365	365
	4.19	Overall length	l1 (mm)	4380	4680
	4.20	Length to face of forks	l2 (mm)	3180	3480
	4.21	Overall width (single/dual drive)	b1 (mm)	1450/1790	1450/1790
	4.22	Fork dimensions	s/e/l (mm)	60X130X1200	60X130X1200
	4.23	Fork carriage	-	4A	4A
	4.24	Fork carriage width	b3 (mm)	1450/1790	1450/1790
	4.25	Fork spread (Max./ Min.)	b5 (mm)	1700/1400	1700/1400
	4.31	Ground clearance, laden, below mast	m1 (mm)	160	160
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	180	180
	4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	5200	5500
	4.35	Turning radius	Wa (mm)	3000	3300
Performance	5.1	Travel speed, laden/unladen	km/h	18/20	18/20
	5.2	Lift speed, laden/unladen	m/s	0.3	0.3
	5.3	Lowering speed, laden/unladen	m/s	0.35	0.35
	5.6	Max. Drawbar pull, laden/unladen S2 5min	N	2500	2500
	5.7	Gradeability, laden/unladen	%	21	21
Power Unit	7.1	Engine manufacturer		Ashok Leyland H4C4	Ashok Leyland H4C4
	7.2	Engine power	kW	54.4 (73 hp)	54.4 (73 hp)
	7.3	Rated speed	rpm	2200	2200
	7.3.1	Max. Torque	Nm/rpm	300-320/1500-1600	300-320/1500-1600
	7.4	No. of cylinders/displacement	no/cm³	4/3810	4/3810
Others	8.1	Type of Drive Unit	-	2/2 Automatic	2/2 Automatic
	8.1	Fuel tank, Capacity	l	60	60
	8.2	Service Brake	-	Pneumatic assisted Hydraulic Disc Brake	Pneumatic assisted Hydraulic Disc Brake
	8.2	Parking Brake	-	Drum Type	Drum Type
	8.3	Specific Fuel Consumption	g/KWh	224	224

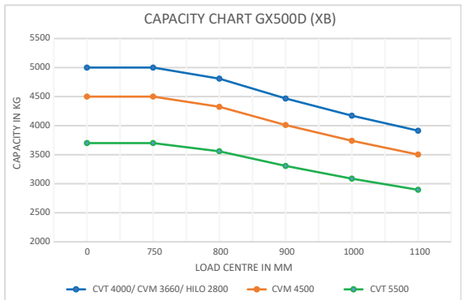
Note: All dimensions and specifications indicated are subjected to a variation of ± 10% without prior notice
The images shown in the brochure are representative, actual equipment may differ in colour and optional accessories

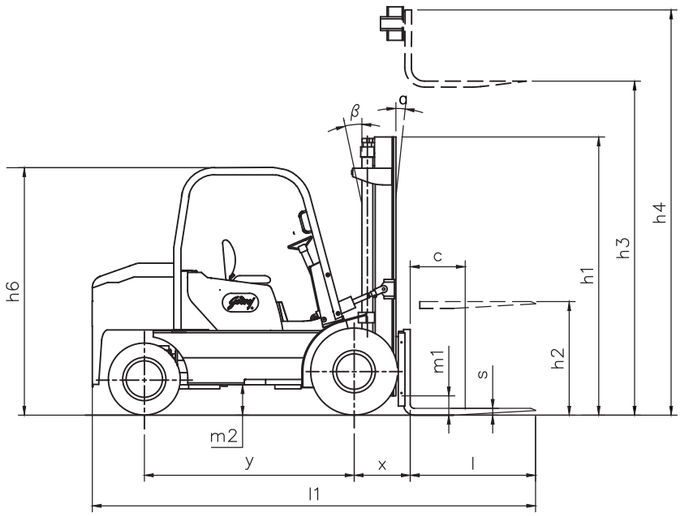
Type of Mast	Maximum Fork Height (MFH)	Overall Height Lowered (OAHL)	Overall Height Raised* (OAHR)	Free Lift (FL)	Derated Capacity at MFH (kg)				Tilt Angle (degree)	
					GX 500D (SB)		GX 500D (XB)			
	h3 (mm)	h1 (mm)	h4 (mm)	h2 (mm)	Single drive	Dual drive	Single drive	Dual drive	Fwd. (α)	Bwd. (β)
2 STAGE CV	4500	3100	5400	120	4000	4000	4500	4500	4	6
	3660	2700	4560	120	5000	5000	5000	5000	6	10
2 STAGE CV WITH FFL	2800	2200	3700	1300	5000	5000	5000	5000	6	10
3 STAGE CV WITH FFL	4000	2200	4900	1300	4300	4300	5000	5000	6	10
	5500	2700	6400	1800	3000	3000	3700	3700	4	6

CV = Clear View
FFL = Full Free Lift
*Overall Height Raised with Load Back Rest = OAHR w/o LBR + 600mm









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VARIOUS FINANCE OPTIONS AVAILABLE

- Equipment finance
- Lease finance
- Rentals

MATERIAL HANDLING

Represented by

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