



G Series Diesel Forklift 8 tonne and 10 tonne

**YOUR RELIABLE, HEAVYWEIGHT
CHAMPION.**

IMPROVED PERFORMANCE WITH A REDUCED CARBON FOOTPRINT

- ✔ Ensure cleaner operations with compliance to the latest CEV-IV emission norms
- ✔ Ensure safer operations with a fail-safe pneumatic braking system
- ✔ Move more loads with 33% faster travel speed of 20 kmph
- ✔ Remain informed with the digital cluster for enhanced machine monitoring and service management
- ✔ Brand new engine brings with it reduced noise and vibration; fatigue free operations



PERFORMANCE AND PRODUCTIVITY WITH EVERY MOVE



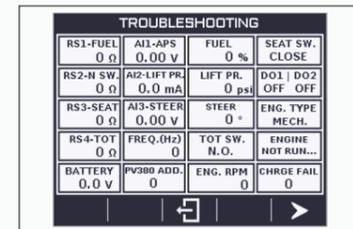
CEV-IV compliant engine for eco-friendly operations

- Equipped with a powerful and efficient turbocharged CRDI engine, churning out 74 kW at 2200 rpm (100 HP)
- Up to 37% reduction in emission of harmful gases (CO, NOx, HC)
- 15% increase in maximum engine torque from 390 Nm to 450 Nm
- 25% increase in top speed from 15 kmph to 20 kmph
- 20% increase in gradeability from 15% to 18%
- Lower noise and vibration levels compared to any other engine in its class
- Ease of operation with key-switch engine shut-off

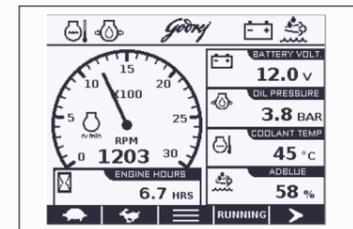
Multifunctional LCD display



- Push button engine start; also prevents inadvertent re-cranking



- Onboard diagnostics is faster; more accurate troubleshooting

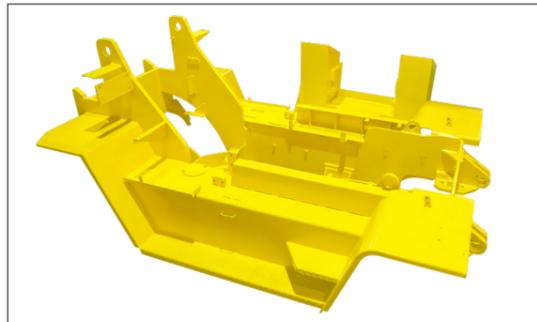


- 4 screens to display complete operation statistics

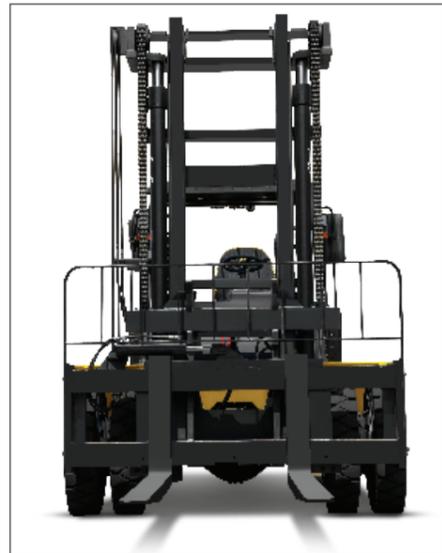


- Program up to 6 preventive service schedules

Robust construction for everyday operations



Monocoque chassis with integral fuel and hydraulic tanks provide robust construction to withstand heavy duty applications.



Upright section of the mast is reinforced with heavy tie bars. The 4 lateral thrust carriage rollers resist deflection caused due to off-centre loading



Laterally mounted cylinder engineered for lower maintenance and longer service life



Select the mode of choice

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



Power on slopes

Higher gradeability of 18% (low speed mode) provides the ability to tackle more demanding operations and tougher ground conditions with ease



Lift longer loads

Lift load of 10 tonne at a load centre of 900 mm(optional), enabling handling of longer loads with ease, safety and less deration

OPERATOR SAFETY AND COMFORT ARE OF UTMOST PRIORITY



Effortless and reliable braking

- Fail-safe Pneumatic brakes - a safety feature available only in G Series Diesel Forklift, enhances operator and workplace safety by self-actuation in case of a drop in pneumatic pressure, and stops the forklift
- Pneumatic actuation makes braking effortless
- Spring actuated pneumatic release brake system ensures brake application even when engine is off



Operator Presence Sensing (Optional)

Operator Presence Sensing (OPS) prevents engine start when the operator is not seated, or the seatbelt is not fastened. If conditions are neutralised, OPS slows engine to idle RPM, restricting travel and lift capability



Operator-friendly driver module

The 4-way adjustable seat with ample leg space and ergonomically placed levers keep fatigue at bay, helping operators to focus on handling loads



Easy manoeuvrability

- Smaller steering wheel (300 mm) takes just about 4 turns from lock - to - lock



Improved Visibility

- Clear view mast and thoughtfully designed overhead guard provide clear visibility on all sides for greater safety and ease of operations
- Counterweight is profiled to improve rear visibility



Anti-anking feature prevents accidental re-anking of the engine, preventing damage to starter motor and alternator. Thus, reducing breakdown and improving productivity



Neutral start control makes sure that the truck starts only when in the neutral gear to prevent unintended travel



Tilt lock valve locks the mast in required position for safe handling



Load lowering valve regulates lowering mast speed to ensure safety while lowering loads

EASY SERVICEABILITY



Super easy, preventive maintenance

Major aggregates can be accessed easily by lifting the side panels on the side and the hood without the need to remove any covers, making routine maintenance quick and easy.



Location no bar

No matter where you are using the Godrej 800D and 1000D Diesel Forklifts, our wide service network assures you the best service in the shortest possible time.



Spare parts, anywhere

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



SafeLog is an 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 converter transmission
- Articulated steer axle with lateral steering cylinder
- Hydrostatic power steering
- Pneumatic Fail-Safe service brakes with spring operated, air released parking brake
- Head & tail lights, signal lights, reverse alarm, rear view mirror and retractable seat belt
- One pair of standard 1200mm hook-on forks
- Multifunctional LCD display
- Sturdy and rugged driver's overhead guard
- Toolkit, canopy

OPTIONAL

- Solid tyres
- Towing coupler
- Pin type forks with a length of 1600 mm or 2000 mm
- Adjustable steering column
- Operator cabin
- Cabin fan
- Option to handle loads at 900mm load center without deration of base capacity

OPTIONAL SAFETY ACCESSORIES

- Operator Presence Sensing (OPS)
- Overload alarm
- Spark arrestor
- All-in-one access control system

SAFETY LIGHTS

- Red halo light
- Blue safety light
- Reverse spotlight
- Flashing Beacon



ATTACHMENTS

- Coil handling ram
- Carriage mounted fixed crane
- Fork mounted crane
- 2000 mm fork extensions
- Side shifter and fork positioner
- Load backrest

TECHNICAL SPECIFICATION

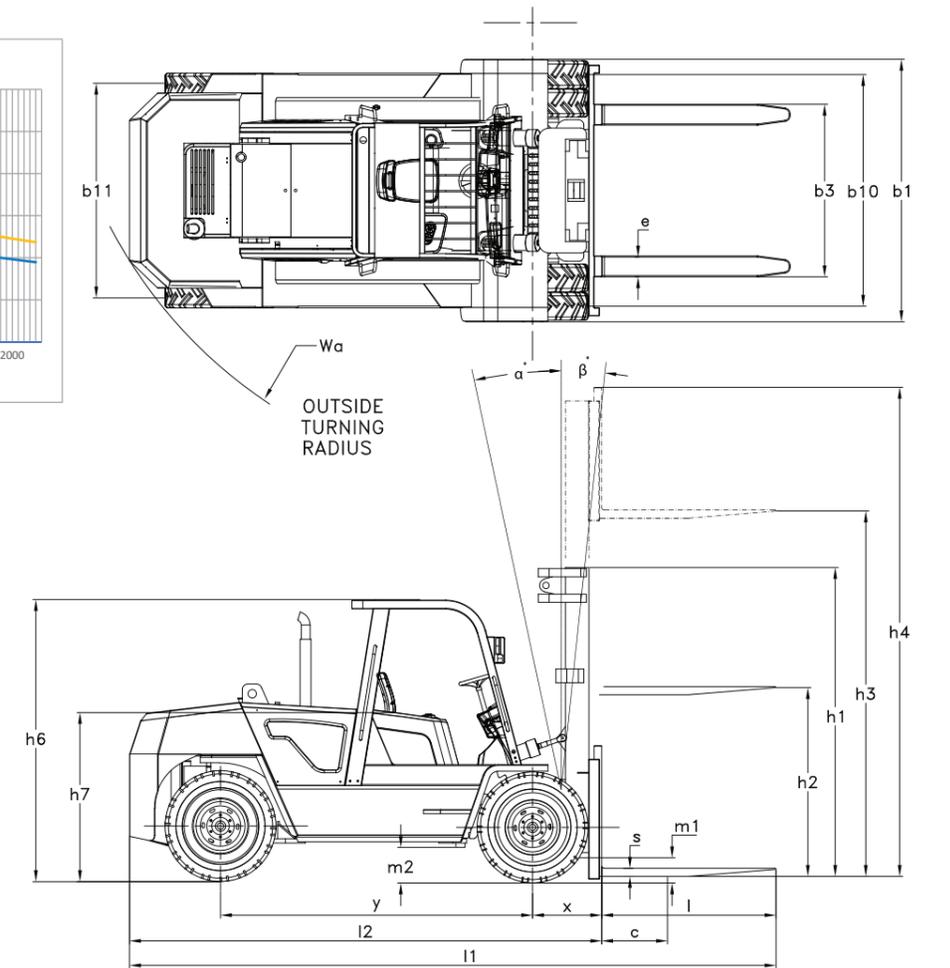
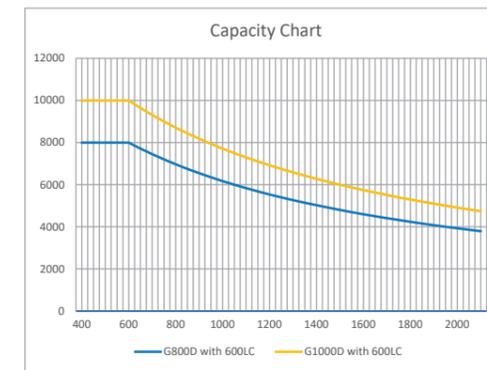
Distinguishing mark	1.1	Manufacturer	-	Godrej	Godrej
	1.2	Model	-	G800D	G1000D
	1.3	Drive (Battery, Diesel, Petrol)	-	Diesel	Diesel
	1.4	Operation (Manual, Pedestrian, Standing, Seated)	-	Seated	Seated
	1.5	Rated capacity/rated load	kg	8000	10000
	1.6	Load centre distance	c (mm)	600	600
	1.8	Load distance (Front Overhang)	x (mm)	750	750
	1.9	Wheelbase	y (mm)	2550	2850
	Weight	2.1	Service weight incl. battery	kg	12000
2.2		Axle loading, laden front/rear	kg	18000 / 2000	20965 / 2210
2.3		Axle loading, unladen front/rear	kg	6150 / 5850	6570 / 6605
Tyres, chassis	3.1	Tyres	-	Pneumatic / Solid	Pneumatic / Solid
	3.2	Tyre size, front	mm	9.00-20-14PR / 990x228	9.00-20-14PR / 990x228
	3.3	Tyre size, rear	mm	9.00-20-14PR / 990x228	9.00-20-14PR / 990x228
	3.4	Wheels, number front/rear (Single/Dual Drive)	-	4 / 2	4 / 2
	3.5	Tread, front	b10 (mm)	2125	2125
	3.6	Tread, rear	b11 (mm)	1500	1885
Dimensions	4.1	Tilt of mast forward/backward	α/β (deg)	6 / 12	6 / 12
	4.2	Height, mast lowered	h1 (mm)	3350	3350
	4.3	Free lift	h2 (mm)	0	0
	4.4	Lift	h3 (mm)	3660	3660
	4.5	Height, mast extended*	h4 (mm)	4900	4900
	4.7	Height of overhead guard (cabin)	h6 (mm)	2600	2600
	4.8	Seat height	h7 (mm)	1475	1475
	4.19	Overall length	l1 (mm)	5600	5950
	4.20	Length to face of forks	l2 (mm)	4070	4350
	4.21	Overall width	b1 (mm)	2410	2410
	4.22	Fork dimensions (Hook type/Pin type)	s/e/l (mm)	75X150X1600 / 75X200X1600	75X150X1600 / 75X200X1600
	4.24	Fork Carriage Width (Hook type/Pin type)	b3 (mm)	2140 / 2290	2140 / 2290
	4.25	Fork spread (Max./ Min.)	b5 (mm)	2100 / 450	2100 / 450
	4.31	Ground clearance, laden, below mast	m1 (mm)	200	200
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	325	325
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	6800	7350	
4.35	Turning radius	Wa (mm)	4250	4800	
Performance	5.1	Travel speed, laden/unladen	km/h	18 / 20	18 / 20
	5.2	Lift speed, laden/unladen	m/s	0.22 / 0.30	0.22 / 0.30
	5.3	Lowering speed, laden/unladen	m/s	0.30 / 0.30	0.30 / 0.30
	5.5	Drawbar pull, laden/unladen S2 60 min	N	60000	60000
	5.7	Gradeability, laden/unladen	%	18	18
5.8	Max. Gradient Performance, laden/unladen S2 5min	%	18	18	
Engine	7.1	Engine manufacturer		Ashok Leyland H4CTICRC4	Ashok Leyland H4CTICRC4
	7.2	Engine power	kW	74 (100 HP)	74 (100 HP)
	7.3	Rated speed	rpm	2400	2400
	7.3.1	Max. Torque	Nm/rpm	450 / 1400-1600	450 / 1400-1600
	7.4	No. of cylinders/displacement	no/cm ³	4 / 3839	4 / 3839
Others	7.1	Battery voltage/nominal capacity	V/Ah	12V / 130 AH	12V / 130 AH
	8.1	Type of Drive Unit	-	2 / 2 Automatic	2 / 2 Automatic
	8.1	Fuel tank, Capacity	l	175	160
	8.2	Service Brake	-	Failsafe Pneumatic Drum Type	Failsafe Pneumatic Drum Type
	8.3	Parking Brake	-	Spring Operated with pneumatic release	Spring Operated with pneumatic release

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)			
					G800D at 600 LC	G1000D at 600 LC	G1000D at 900 LC	Overhead Tilt		Bottom Tilt	
	h3 (mm)	h1 (mm)	h4 (mm)	h2 (mm)				Fwd. (α)	Bwd. (β)	Fwd. (α)	Bwd. (β)
2 STAGE CV	3660	3350	4900	0	8000	10000	10000	6	12	6	12
	4500	3750	6000	0	8000	10000	10000	6	12	6	12
	5500	4250	7000	0	NA	10000	10000	6	12	NA	NA
	6100	4550	7600	0	NA	8000	8000	6	12	NA	NA

CV = Clear View

FFL = Full Free Lift

*Overall Height Raised with Load Back Rest = OAHR w/o LBR + 600mm



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



VARIOUS FINANCE OPTIONS AVAILABLE

- Equipment finance
- Lease finance
- Rentals



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