

Godrej

Neo Electric 1.5 tonne – 3 tonne



Made in India, for the world.



Take advantage of full rated capacity up to **4.5m height**



Energy efficient performance with **80V battery system** for 2.5 and 3 tonne variants



Increased battery runtime up to **12 hours**



Quick battery changeovers with side battery extraction using compartment rollers



Superior operator comfort with suspension seat



Consistent performance both indoors and outdoors



Standard warranty of 2 years or **4,000 working hours**



Maximize uptime and performance – in every season, under every condition.



IP-rated components safeguard against dust and water.

IP ratings of key components

- Accelerator Pedal (IP 67)
- Combination Switch (IP 67)
- Digital Display (IP 65)
- Controllers (IP 63)



Bright LED lights



Suspension seat (optional)

Large solid tyres



Sealed connectors



Battery and Chargers



Side battery extraction

Single operator can change the battery on their own using a battery changing trolley making the process easy and quick.



Enhance productivity with faster changeover of batteries



Single operator can change the battery without the need for separate MHE or EOT crane



Batteries are safely handled using trolleys, rather than lifting out of the forklift - making operations safer



Impressive performance

Large batteries with highest capacity in the industry
2T: 48V/700Ah | 3T: 80V/460Ah

Bolt on batteries

Batteries are made of removable modular cells offering ease of maintenance by making replacement of individual cells easy, avoiding replacement of entire battery pack.

Smart charger (optional)

- 30% reduction in electrical units consumed
- 10% increase in battery life
- 15% more run time per charge

28%
increase in
efficiency

Superior performance and productivity



Get more power on slopes

Powerful traction motors provide best-in-class gradeability of 18%.



Operate confidently in tough conditions

Metallic dash panel and side panels make the equipment robust. Improved cooling system ensures high performance even in demanding applications.

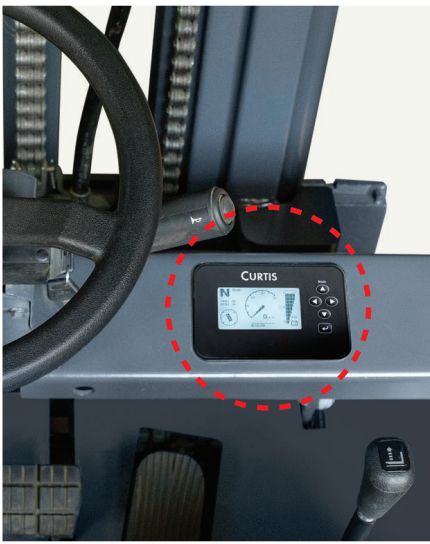


Bespoke power train for superior performance

Indigenously developed AC motors, zero maintenance, easy serviceability and accessible after-sales support make Neo an ideal high-performing investment.

Multifunctional LCD display

An enhanced display presents critical information clearly, enabling faster decision-making and streamlined diagnostics.



- 1 Speed selection (slow/normal/fast)
- 2 Travel speed
- 3 Menu navigation
- 4 Controller condition
- 5 Steer wheel angle
- 6 Battery charge indicator



Greater safety and comfort



No operator, no operation

The Operator Presence Sensing (OSP) detects if the driver is seated correctly before allowing operations to begin, preventing any unmanned operations.



Seat belt interlock system

Forklift does not start till the seat belt is fastened, ensuring higher operator safety.



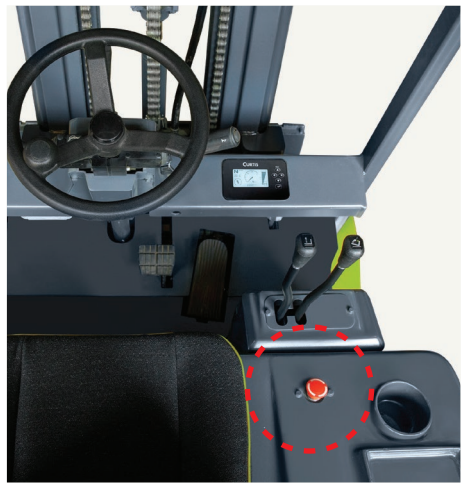
More control

Smart curve control technology reduces speed by up to 30% while turning for enhanced stability and operator control.



Easy maneuverability

New design with reduced turning radius makes the equipment more compact and suitable for navigating narrow spaces.



Accessible emergency stop button

In case of any danger, the operator can push the emergency stop button to cut off the power supply, immediately bringing the equipment to a halt.



No run-aways

Anti-rollback system buys operator time to accelerate from rest on a slope, without the concern of forklift rolling backward.

Operator-friendly driver module

Adjustable seat and ample leg room keep the operator stress-free. Reduced fatigue helps operators stay focused on handling tasks.

Comfortable driving experience

Large 23" solid cushioned tyres for intra-plant material movement. Pneumatic Tyres are optional.



Fast, reliable, efficient service – every time

Find us anywhere and everywhere

Our 100+ touch points for easy availability of quality spares and technical intervention.

- Dealer locations
- Branch and Dealer locations
- Manufacturing facility

Wide service network

No matter where you are using the Neo Electric Forklifts, our service network assures you the quickest possible resolution.

Easy maintenance

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



Standard offering

- AC drive motor, pump motor electronic controller with built-in diagnostics
- Fixed steering column, hydrostatic power steering
- Infinitely variable speed
- Interactive LCD display
- One pair of standard hook-on 1000mm long forks
- Powerful regenerative braking supported by hydraulic pedal brake

- Rear view mirror
- Seat belt
- Reverse alarm
- Turning lights
- Reverse spot light
- Head and tail lights
- Tool kit
- Towing pin

Optional offering

- 1 Operator presence sensing
- 2 Overload alarm
- 3 1200/1600mm long forks
- 4 Seatbelt interlock system
- 5 Battery auto refill system
- 6 Non-marking / cut-resistant tyres
- 7 Load backrest
- 8 Bigger capacity batteries



Safety accessories

All-in-one access control system

- Electronic PIN access
- Biometric access control
- Key card access



Safety lights

- Red halo safety lights
- Blue safety lights



Mounted cameras

- Fixed front camera
- Fixed rear camera

Attachment options

- Bale clamp
- Fork extensions
- Fork positioner
- Paper roll clamp
- Parrot beak attachment
- Push/pull attachment
- Ram attachment
- Rotating fork attachment
- Sideshifter

Technical specification and mast data

Technical specifications

Characteristics	1.1	Manufacturer	-	Godrej	Godrej	Godrej	Godrej
	1.2	Model	-	GB 15 NEO	GB 20 NEO	GB 25 NEO	GB 30 NEO
	1.3	Drive (Battery, Diesel, Petrol)	-	Battery	Battery	Battery	Battery
	1.4	Operation	-	Seated	Seated	Seated	Seated
	1.5	Rated capacity	kg	1500	2000	2500	3000
	1.6	Load centre distance	c (mm)	500	500	500	500
	1.8	Load distance (Front Overhang)	x (mm)	420	420	485	485
	1.9	Wheelbase	y (mm)	1480	1480	1670	1670
Weight	2.1	Service weight incl. battery	kg	3635	3635	4500	4500
	2.2	Axle loading, laden front/rear	kg	4885/745	4885/745	6710/790	6710/790
	2.3	Axle loading, unladen front/rear	kg	1735/1900	1735/1900	1970/2530	1970/2530
Tyres, chassis	3.1	Tyre	-	SE / PN	SE / PN	SE / PN	SE / PN
	3.2	Tyre size, front	mm	23x9-10	23x9-10	23x9-10	23x9-10
	3.3	Tyre size, rear	mm	18x7-8	18x7-8	18x7-8	18x7-8
	3.5	Wheels, number front/rear	-	2x/2	2x/2	2x/2	2x/2
	3.6	Tread, front	b10 (mm)	1020	1020	1020	1020
	3.7	Tread, rear	b11 (mm)	987	987	987	987
	3.8	Wheel rim	b12 (mm)	1020	1020	1020	1020
Dimensions	4.1	Tilt of mast forward/backward	α/β (deg)	5/5	5/5	5/5	5/5
	4.2	Height, mast lowered	h1 (mm)	2170	2170	2170	2170
	4.3	Free lift	h2 (mm)	1530	1530	1530	1530
	4.4	Lift	h3 (mm)	4500	4500	4500	4500
	4.5	Height, mast extended*	h4 (mm)	5160	5160	5170	5170
	4.7	Height of overhead guard (cabin)	h6 (mm)	2160	2160	2160	2160
	4.8	Seat height	h7 (mm)	1120	1120	1120	1120
	4.9	Coupling height	(mm)	320	320	520	520
	4.19	Overall length	l1 (mm)	3250	3250	3530	3530
	4.20	Length to face of forks	l2 (mm)	2250	2250	2530	2530
	4.21	Overall width	b1 (mm)	1240	1240	1240	1240
	4.22	Fork dimensions	s/e/l (mm)	40x80x1000	40x80x1000	45x100x1000	45x100x1000
	4.23	Fork carriage	-	2A	2A	3A	3A
	4.31	Ground clearance, laden, below mast	m1 (mm)	100	100	100	100
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	125	125	125	125
	4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3650	3650	3900	3900
	4.34.2	Intersecting aisle width	Ast (mm)	1980	1980	2200	2200
	4.35	Turning radius	Wa (mm)	1980	1980	2220	2220
	4.35	Fork spread	b3 (mm)	280/1000	280/1000	280/1000	280/1000
	Performance	5.1	Travel speed, laden/unladen	km/h	13/13	13/13	13/13
5.2		Lift speed, laden/unladen	m/s	0.3/0.4	0.3/0.4	0.3/0.4	0.3/0.4
5.3		Lowering speed, laden/unladen	m/s	0.45	0.45	0.45	0.45
5.5		Drawbar pull, laden/unladen	N	1000	1000	1000	1000
5.7		Gradeability, laden/unladen	%	18/20	18/20	18/18	15/18
Power unit	6.1	Drive motor rating S2 60min	kW	8	8	12	12
	6.2	Lift motor rating at S3	kW	15	15	15	15
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/460	48/460	80/360*	80/360*
	6.5	Battery weight	kg	860	860	1082	1082
Others	8.1	Drive motor	-	AC	AC	AC	AC
	8.11	Service brake	-	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	8.12	Parking brake	-	Mechanical	Mechanical	Mechanical	Mechanical

Note:

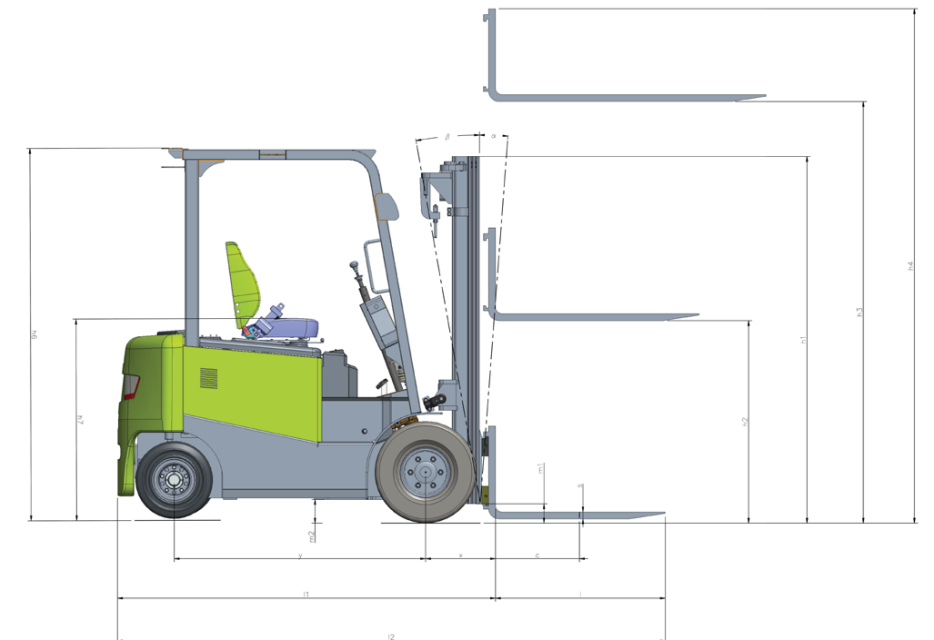
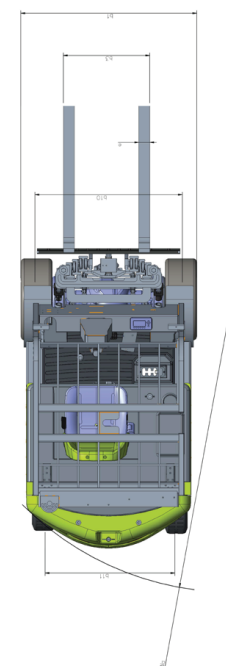
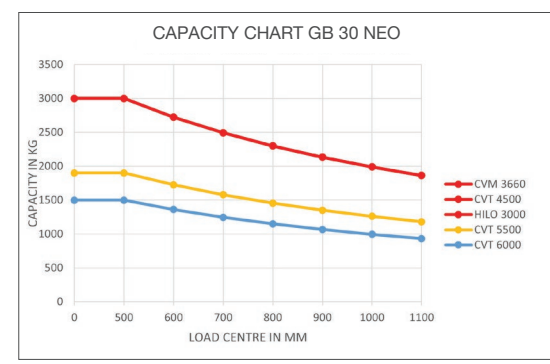
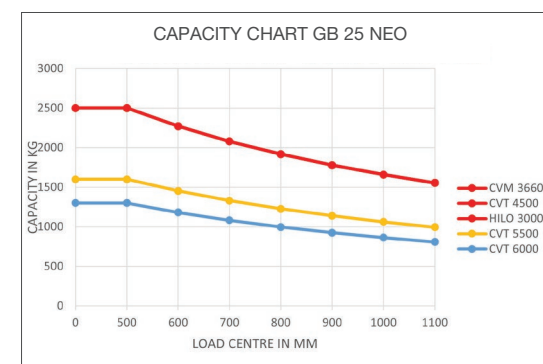
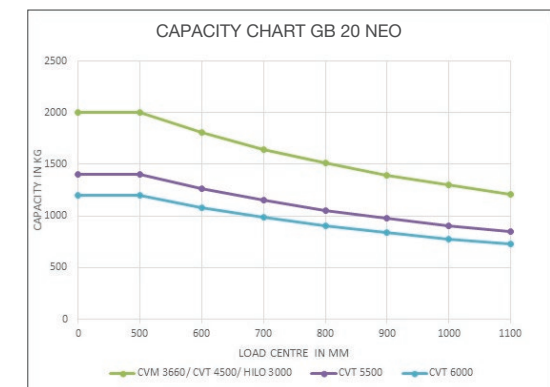
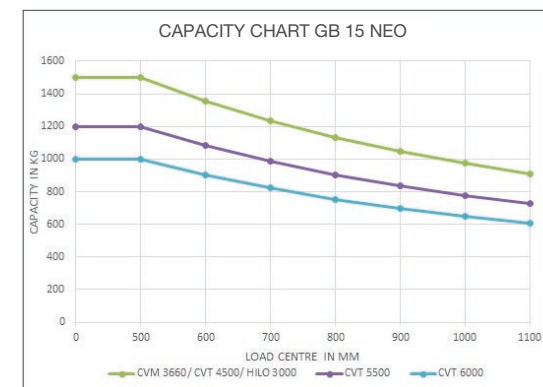
All dimensions and specifications indicated are subjected to a variation of $\pm 10\%$ without prior notice. The images shown in the brochure are representative, actual equipment may differ in colour and optional accessories

*standard offering is 80V/320Ah battery

Mast Specifications

Type of Mast	Maximum Fork Height (MFH)	Overall Height Lowered	Overall Height Raised*				Free Lift (2.5-3)	Derated Capacity at MFH (kg)				Tilt Angle	
	h3 (mm)	h1 (mm)	h4 (mm)				h2 (mm)					α	β
			GB 15 NEO	GB 20 NEO	GB 25 NEO	GB 30 NEO		GB 15 NEO	GB 20 NEO	GB 25 NEO	GB 30 NEO		
2 Stage CV	3660	2630	4250	4250	4400	4400	105	1500	2000	2500	3000	5°	8°
2 stage CV with FFL	3000	2170	3580	3580	3625	3625	1530	1500	2000	2500	3000	5°	8°
3 stage CV with FFL	4500	2170	5160	5160	5170	5170	1530	1500	2000	2500	3000	5°	5°
	5500	2500	6160	6160	6110	6110	1825	1200	1400	1600	1900	5°	5°
	6000	2670	6660	6660	6630	6630	1990	1000	1200	1300	1500	5°	5°
	7200	3070	NA	NA	7825	7825	2390	NA	NA	1000	1200	5°	5°

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



Various finance options available

- Equipment finance
- Lease finance



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Represented by

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