

# GX 12/35 EVO GEL

## FULLY FEATURED COMPACT STACKER



This compact sized stacker is the ideal solution to work in confined spaces and looks both powerful and reliable. The reduced width (800mm), the lateral driving system and the wide mast positioning allow great maneuverability, stability and visibility. Built in battery battery charger with integrated cable and plug make it a plug and play unit!

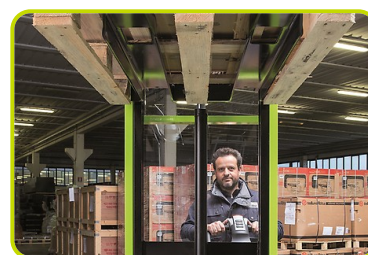
### GX EVO GEL

The EVO version is equipped with powerful GEL batteries that allow long endurance and large number of charging cycles. The ergonomic technopolymer tiller offers a comfortable grip. A specific electronic control enables lifting the forks with a proportional usage.



### MANOEUVRABILITY

The overall width is the same as the Europallet (800 mm) to allow working in narrow spaces and corridors, increasing manoeuvrability and reducing the turning radius. The combination of side guide, wide mast and low cover offer outstanding visibility.



### TILLER EVOLUTION

Fully integrated ergonomic technopolymer tiller system including finger tip throttle and proportional fork controls, safety pushbutton, horn, turtle button, hourmeter, battery status indicator as standard equipment.



## TURTLE MODE SWITCH

Offered as standard, this function enables operating the truck in confined spaces: it allows the unit to travel with the tiller in upright position.

This function is activated by pressing the turtle button on the tiller and rotating the drive control throttle. The truck travels at limited speed.

Release the button to disable this function.



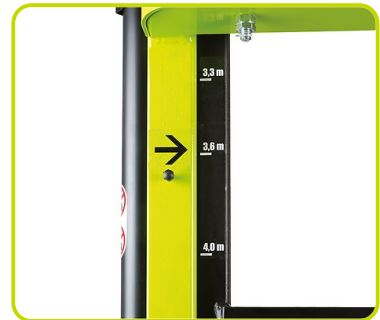
## COVER

Strong ABS cover with storage compartments on top, easily removable to speed up maintenance operations. The bottom access opening enables an immediate disassembly of motor wheel, portal and tiller without lifting the machine. Schuko plug with spiral cable for an easy battery charging.



## MAST

Wide mast with sticker ruler enables the operator to easily check the forks elevation by sight.



## BATTERY PACK

### • GEL

The use of powerful high energy throughput GEL batteries makes the machine extremely flexible in every application, thanks to the multiples benefits of GEL technology, such as:

1. Maintenance-free (no topping up)
2. Long service life
3. High number of cycles (IEC 60254-1)
4. Extraordinary deep discharge protection
5. Low self discharge rate
6. Superior shelf life
7. No acid stratification

### • LI-ION OPTIONAL



## Description

1.1 Manufacturer	PR INDUSTRIAL		
1.3 Drive	Electric		
1.4 Operator type	Pedestrian		
1.5 Load capacity	Q	kg	1200
1.6 Load centre distance	c	mm	600
1.8 Load axle to end forks	x	mm	780
1.9 Wheel base	y	mm	1234

## Weights

2.1 Service weight (battery included)	kg	618
2.2 Axle load, laden rear	kg	1187
2.2 Axle load, laden front	kg	631
2.3 Axle load, unladen front	kg	456
2.3 Axle load, unladen rear	kg	162

## Tyres/Chassis

3.1 Tyres: front wheels			POLY
3.1 Tyres: stabilizers wheels - front			POLY.C.
3.1 Tyres: rear wheels			POLY.C.
3.2 Tyre size: Steering wheels - Width	mm		76
3.2 Tyre size: Steering wheels - Diameter	mm		250
3.3 Tyre size: Load rollers - Diameter	mm		82
3.3 Tyre size: Load rollers - Width	mm		70
3.4 Tyre size: stabilizers wheels front - Diameter	mm		100
3.4 Tyre size: stabilizers wheels front - Width	mm		38
3.5 Tyre size: rear wheels - Q.ty (X=driven)	nr		2
3.5 Tyre size: front wheels - Q.ty (X=driven)	nr		1x+1
3.6 Tread, front	b10	mm	565
3.7 Tread, rear	b11	mm	410

## Dimensions

4.2 Height, mast lowered	h1 mm	2250
4.3 Normal free lifting	h2 mm	80
4.4 Lift height	h3 mm	3410
4.5 Height, mast extended	h4 mm	3916
4.9 Height of tiller in drive position max	h14 mm	1330
4.9 Height of tiller in drive position min	h14 mm	960
4.15 Height, lowered	h13 mm	90
4.19 Overall length	l1 mm	1760
4.20 Length to face of forks	l2 mm	610
4.21 Overall width (front/rear)	b1/b2 mm	800
4.22 Fork dimensions - Thickness	s mm	70
4.22 Fork dimensions - Width	e mm	150
4.22 Fork dimensions - Length	l mm	1150
4.24 Fork carriage width	b3 mm	650
4.25 Forks width	b5 mm	560
4.32 Ground clearance, centre of wheelbase	m2 mm	20
4.34 Aisle width	Ast mm	2210
4.35 Turning radius	Wa mm	1430

### Performance data

5.1 Travel speed laden	km/h	4.7
5.1 Travel speed unladen	km/h	5.2
5.2 Lifting speed laden	m/s	0.11
5.2 Lifting speed unladen	m/s	0.19
5.3 Lowering speed laden	m/s	0.25
5.3 Lowering speed unladen	m/s	0.3
5.8 Max gradeability laden	%	5
5.8 Max gradeability unladen	%	10
5.10 Service brake	Electric	

### Electric motors

6.1 Drive motor power	kW	0.7
6.2 Lift motor power	kW	2.2
Battery Type	Type	GEL
6.4 Battery voltage	V	24
6.4 Battery capacity, Min	Ah	105
6.4 Battery capacity, Max	Ah	105
6.5 Battery weight, Min	kg	76
6.5 Battery weight, Max	kg	80
6.6 Energy consumption according to VDI cycle	kWh/h	0.9
8.4 Sound level at driver's ear	dB(A)	62

### Residual lifting capacity

Lifting height (H3) 2500 mm	kg	1200
Lifting height (H3) 2900 mm	kg	800
Lifting height (H3) 3500 mm	kg	600

