

GX 12/29 GEL - FREELIFT

THE COMPACT STACKER WITH LONG AUTONOMY



This compact, powerful and robust stacker is the ideal solution for working in confined spaces.

The reduced width (800 mm), the lateral driving system and the wide mast positioning allow great manoeuvrability, stability and visibility.

Built-in battery charger with integrated cable and plug make it a plug and play unit!

GX GEL

The GEL version is equipped with long life GEL batteries, a tiller made with metal tube and ergonomic controls.

This configuration is the best value for money choice and grants long endurance type batteries.

GX12



FREELIFT

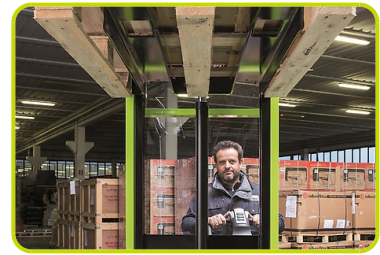
This stacker is available with a total Free Lift configuration, enabling to rise the forks up to 1492 mm from the ground level, without increasing the minimum machine height (1965 mm).

This makes it possible to use the stacker even in workplaces characterized by reduced heights.



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

Fully integrated ergonomic tiller system including finger tip throttle and fork controls, safety pushbutton, horn and turtle button.



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.



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



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	kg	615
2.2 Axle load, laden rear	kg	1187
2.2 Axle load, laden front	kg	628
2.3 Axle load, unladen front	kg	453
2.3 Axle load, unladen rear	kg	162

Tyres/Chassis

3.1 Tyres: front wheels	RUBBER	
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	1965
4.3 Normal free lifting	h2 mm	1402
4.4 Lift height	h3 mm	2810
4.5 Height, mast extended	h4 mm	3372
4.9 Height of tiller in drive position min	h14 mm	915
4.9 Height of tiller in drive position max	h14 mm	1310
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	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 Distance between fork arms	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	0.10
5.2 Lifting speed unladen	m/s	0.18
5.3 Lowering speed laden	m/s	0.20
5.3 Lowering speed unladen	m/s	0.22
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

