

GX 10/42 TRIPLEX EVO GEL - FREE LIFT

FULLY FEATURED COMPACT STACKER



TRIPLEX STACKER WITH 4.2 METERS ELEVATION WITH FREE LIFT

The manoeuvrable electric stacker GX10/42 triplex can be used in a wide range of applications requiring powerful lifting solutions: thanks to the **three stage** telescopic mast it is possible to store and take goods at height of up to 4.2 meters. In addition to the very high lift height reached, the total **free lift** configuration enables to raise the loads without increasing the height of the mast in order to work in spaces with reduced height.

It is equipped with maintenance-free **GEL batteries** that allow long endurance and large number of charging cycles.

A specific electronic control enables lifting the forks with a **proportional** usage. The **built-in battery charger** with integrated cable and plug make it a plug and play unit!

Gel



24V/105Ah

Triples



4200 mm

FreeLift

TRIPLEX

The Triplex model has 3 lifting stages for high lifting height. The 2 side cylinders guarantee excellent visibility for the operator during the maneuvering phases.

TRIPLEX FREELIFT

The combination of the three lifting stages with two lateral cylinder of the Triplex and a central lifting cylinder allow a full freelif (h2): lifting fork without increasing the minimum overall stacker size (h1) to work in container and low roof warehouses



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.



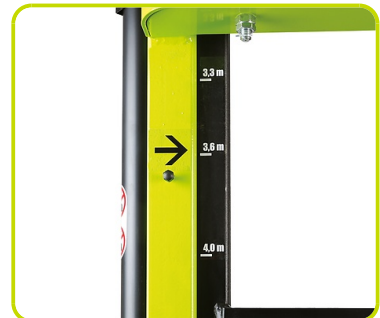
MANOEUVRABILITY

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.



MAST

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



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	1000
1.6 Load centre distance	c	mm	600
1.8 Load axle to end forks	x	mm	740
1.9 Wheel base	y	mm	1234

Weights

2.1 Service weight		Kg	892
2.2 Axle load, laden rear		Kg	1118
2.2 Axle load, laden front		Kg	774
2.3 Axle load, unladen front		Kg	646
2.3 Axle load, unladen rear		Kg	246

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	1994
4.3 Normal free lifting	h2 mm	1370
4.4 Lift height	h3 mm	4110
4.5 Height, mast extended	h4 mm	4734
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	1800
4.20 Length to face of forks	l2 mm	650
4.21 Overall width	b1 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	2240
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	0.13
5.2 Lifting speed unladen	m/s	0.23
5.3 Lowering speed laden	m/s	0.28
5.3 Lowering speed unladen	m/s	0.15
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	34
6.5 Battery weight, Max	Kg	100
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	1000
Lifting height (H3) 2900 mm	Kg	800
Lifting height (H3) 3500 mm	Kg	600
Lifting height (H3) 4200 mm	Kg	400

