

PL20

**DUPLEX e TRIPLEX mast
High Free Lift (GAL)
on DUPLEX and TRIPLEX mast**



**Cold store
version -30°C**



TRIPLEX mast GAL version



TRIPLEX mast



RELIABLE AND VERSATILE

Pegasolift 

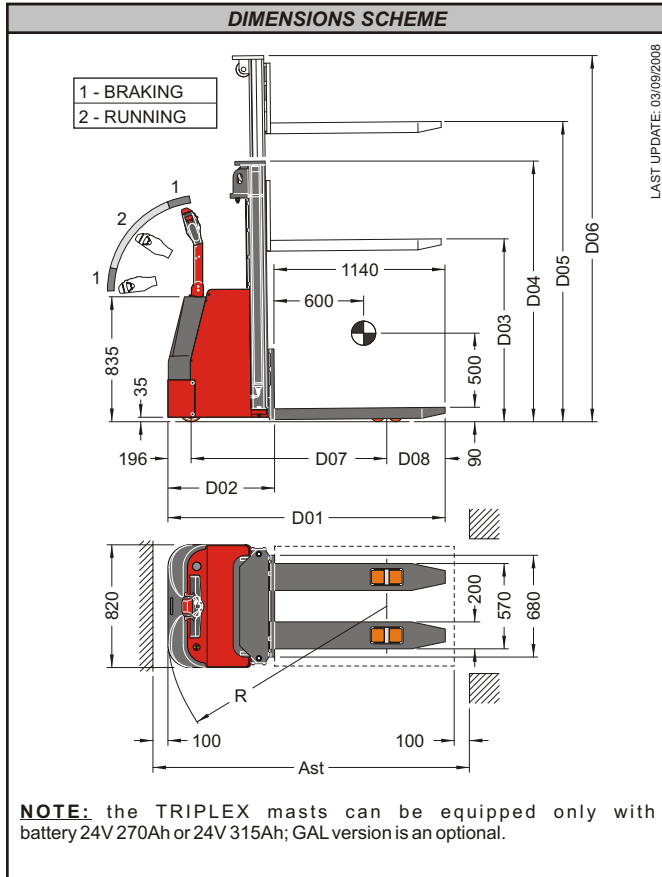
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PL20 Series

also available in GAL version for lifting height above 3,2 metres



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GENERAL SPECIFICATIONS	
MODEL	PL20
Load capacity	2000 kg
Axle load with load	front 2 / 7 rear 5 / 7
Axle load without load	front 3 / 4 rear 1 / 4
Double front rollers size (polyurethane)	ø 85 × 90
Drive wheel size (polyurethane)	ø 250 × 79
Additional wheel size (polyurethane)	ø 150 × 50
Front track	480
Rear track	560
Height of tiller in gear position (brake releasing)	min 935 max 1307
Travel speed	with load 5,0 km/h without load 6,0 km/h
Max gradeability	with load 8% without load 18%
Brake	Elettromagnetic
Electronic control type	Mosfet 24V 200A
Traction motor power (series excite system)	1400 W
Pump motor power	3000W
Noise	65 dB
Battery box size (L × W × H)	220 × 808 × 565

INTERCHANGEABLE MASTS SPECIFICATIONS											
MAST NOMINATION		H = 1,6 m	H = 2,5 m	H = 2,9 m	H = 3,2 m	H = 3,6 m	H = 4,2 m	H = 4,5 m	H = 4,5 m	H = 5,0 m	H = 5,5 m
Mast type		Simplex	Duplex	Duplex	Duplex	Duplex	Duplex	Duplex	Triplex	Triplex	Triplex
GAL lifting height (optional)	D03	-	-	-	1600	1800	2100	2255	1635	1801	1967
Mast lowered height	D04	1990	1745	1945	2095	2295	2595	2750	2130	2296	2462
Mast lifting height	D05	1600	2500	2900	3200	3600	4200	4500	4500	5000	5500
Mast extended height	D06	-	2950	3350	3650	4050	4650	4950	5070	5570	6070
Distance between axle	D07	1295								1345	
Front distance between axle	D08	399	384							351	
Length with forks shoulder	D02	750				735			752		
Total length	D01	1890				1875			1892		
Steering radius	R	1550				1536			1586		
Working isle width	Ast	2150				2135			2152		
Weight (without battery)		601 kg	775 kg	801 kg	821 kg	847 kg	896 kg	916 kg	1.135 kg	1.168 kg	1.201 kg
Lifting speed	with load	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s	0,10 m/s
	without load	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s	0,12 m/s
Lowering speed	with load	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s	0,13 m/s
	without load	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s	0,09 m/s
Forks size	W × H × L	200 × 76 × 1140									

PL20 SERIES - BATTERIES AVAILABLE AND RESIDUAL CAPACITY AT THE MAX LIFTING HEIGHT										
Traction battery 24V 160Ah (167 kg)	2000 kg	2000 kg	1450 kg	1300 kg	1130 kg	850 kg	700 kg	N.D.	N.D.	N.D.
Traction battery 24V 180Ah (188 kg)	2000 kg	2000 kg	1475 kg	1320 kg	1150 kg	870 kg	720 kg	N.D.	N.D.	N.D.
Traction battery 24V 240Ah (219 kg)	2000 kg	2000 kg	1505 kg	1350 kg	1175 kg	895 kg	745 kg	N.D.	N.D.	N.D.
Traction battery 24V 270Ah (251 kg)	2000 kg	2000 kg	1535 kg	1375 kg	1200 kg	915 kg	765 kg	1350 kg	1200 kg	1050 kg.
Traction battery 24V 315Ah (288 kg)	2000 kg	2000 kg	1570 kg	1410 kg	1235 kg	950 kg	795 kg	1365 kg	1215 kg	1070 kg.

Agile and powerful, the PL series can do any work among shelvings, warehouses and lofts. Equippable with DUPLEX and TRIPLEX mast also in GAL version and various optional as: pump for quick lifting of the forks, double manual lifting control, lateral door for quick battery change, trail-proof rubber wheel, battery charge indicator with LCD hours counter and block of the forks with flat battery, ut to the cold store version -30°C.

All to reach an optimal personalization and performance during the work, without waste of energy and of time.