

# PL20-SLG

DUPLEX and TRIPLEX mast  
High free lift (GAL)

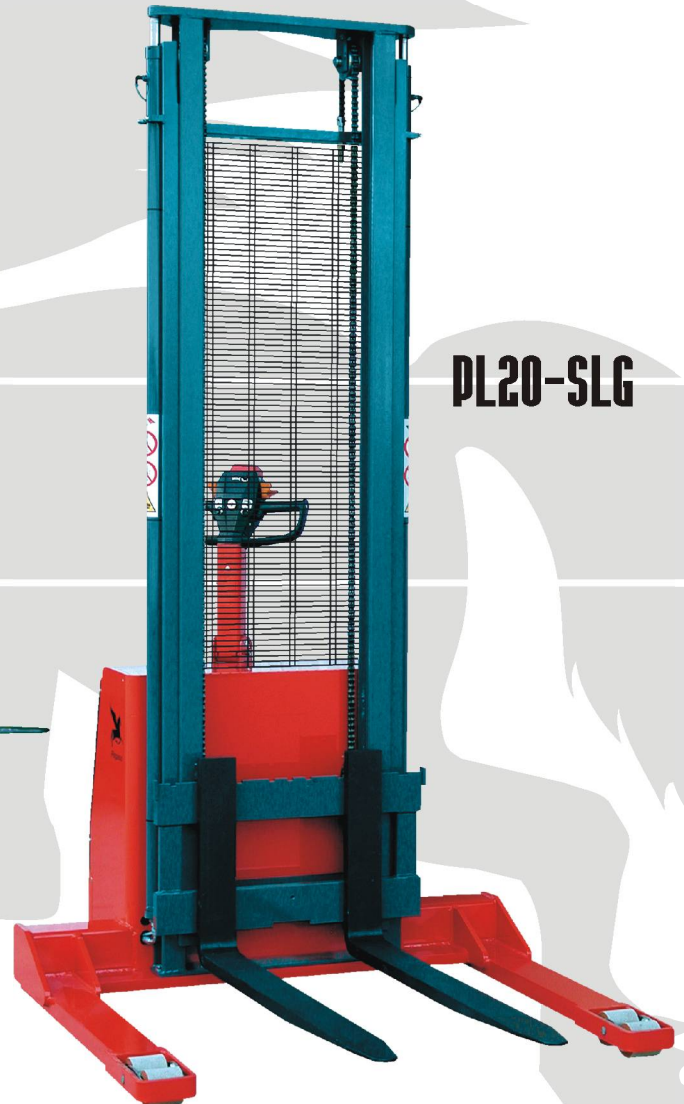


Cold store  
version -30°C

VERSATILE



PL20-SLG WITH  
FORK SIDE SHIFT



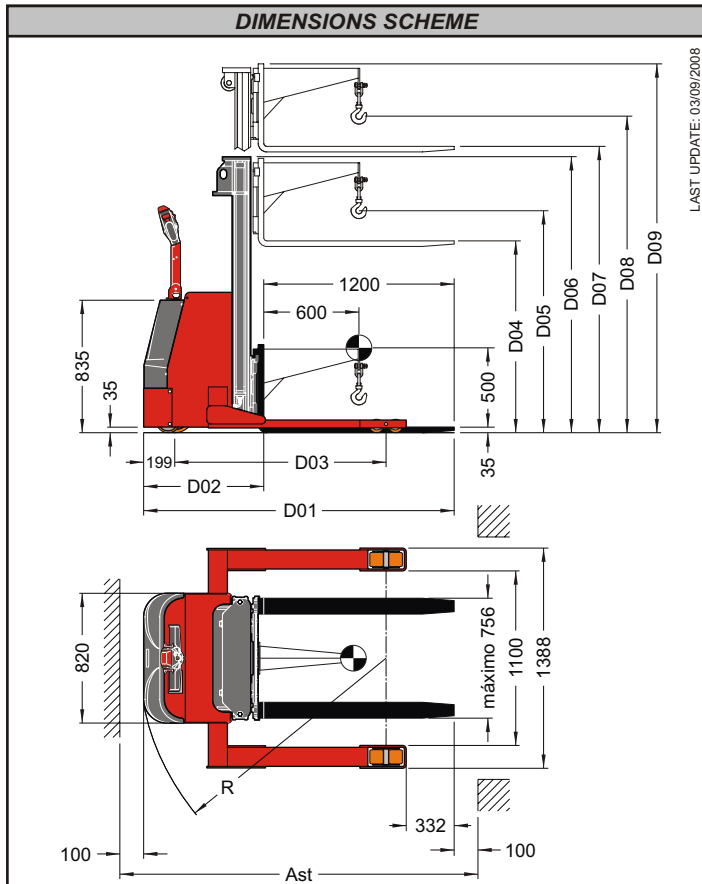
PL20-SLG

**Pegasolift** 

CE

# PL20-SLG Series

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



**NOTE:** the TRIPLEX masts can be equipped only with battery 24V 270Ah; the removable arm with lifting hook and GAL version are optional.

Частное предприятие «Техносклад»

220140, РБ, г. Минск, ул. Лещинского, 8,  
пом. №2И ком.5

Тел: (017) 2565566; 2110376; (029) 6153969

<http://www.technosklad.by>  
<mailto:office@technosklad.by>

## 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	1315	
Rear track	560	
Height of the 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	Electromagnetic	
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 forks lifting height (optional)	D04	-	-	1545	1745	2045	2200	1580	1746	1912
GAL hook lifting height (optional)	D05	-	-	1735	1935	2235	2390	1770	1936	2102
Mast lowered height	D06	1990	1742	1942	2092	2292	2592	2747	2130	2296
Forks lifting height	D07	1565	2461	2861	3161	3561	4161	4461	4961	5461
Hook lifting height	D08	1750	2650	3050	3350	3750	4350	4650	5150	5650
Mast extended height	D09	-	2964	3364	3664	4064	4664	4964	5084	6084
Distance between axle	D03	1293						1343		
Length with forks shoulder	D02	798	783					800		
Total length	D01	1998	1983					2000		
Steering radius	R	1499	1514					1564		
Working isle width	Ast	2198	2183					2200		
Weight (without battery)		578 kg	709 kg	730 kg	740 kg	767 kg	794 kg	820 kg	939 kg	969 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
	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
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
	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
Forks size	W × H × L	120 × 35 × 1200								

## 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.

The PL-SLG series permit the handling of any type of pallet, also non-standard size. Besides is possible to personalize the pallet stacker to handle any type of goods, thanks to the FEM-II plate on which can be equipped, besides the forged forked, the removable arm complete of lifting hook or the equipment to handle the drums.

Also available the side shift version which makes the utilization of the pallet stacker extremely simple also for the occasional user and sensible reduces the manoeuvres times in limited spaces or where is needed an neat positioning of the load.

Optional: trail-proof rubber wheel, lateral door for quick battery change, pump for quick lifting of the forks, cold store version - 30°C and battery charge indicator with LCD hours counter and block of the forks with flat battery.