

Powered Stackers

The Handling Equipment Shop

The premier name in materials handling...

	MODEL			WRES12-12MM	WRES12-25MM	WRES12-12ES	WRES12-25DM
Distinguishing mark	1.1 Manufacturer			Warrior	Warrior	Warrior	Warrior
	1.2 Model designation			WRES12-12MM	WRES12-25MM	WRES12-12ES	WRES12-25DM
	1.4 Driver unit			Electric	Electric	Electric	Electric
	1.5 Type of operation			Pedestrian	Pedestrian	Pedestrian	Pedestrian
	1.6 Rated capacity	Q	kg	1200	1200	1200	1200
	1.7 Load centre distance	c	mm	600	600	600	600
	1.8 Load distance	x	mm	805	850	795	845
	1.9 Wheelbase	y	mm	1126	1210	1240	1290
	Weight	2.1 Service weight (include battery)		kg	462	543	661
2.2 Axle loading with load, driving side/loading side			kg	741/921	783/960	845/1016	837/1039
2.3 Axle loading without load, driving side/loading side			kg	343/119	420/123	536/125	549/127
Types/Chassis	3.1 Tyre type driving wheels/loading wheels			PU/PU	PU/PU	PU/PU	PU/PU
	3.2 Tyre size, driving wheels (diameter × width)		mm	Ø210 x 70	Ø210 x 70	Ø210 x 70	Ø210 x 70
	3.3 Tyre size, loading wheels (diameter × width)		mm	Ø80 x 60	Ø100 x 50	Ø80 x 60	Ø100 x 50
	3.4 Tyre size, caster wheels (diameter × width)		mm	Ø130 x 55	Ø100 x 50	Ø130 x 55	Ø100 x 50
	3.5 Wheels, number driving/loading (x=drive wheels)		mm	1 x+ 1/4	1 x+ 1/4	1 x+ 1/4	1 x+ 1/4
	3.6 Track width, front, driving side	b ₁₀	mm	533	533	533	533
	3.7 Track width, rear, loading side	b ₁₁	mm	380	1060/1160/1260/1360	400	1060/1160/1260/1360
Dimensions	4.1 Tilt of mast/fork carriage forward/backward	a/β	°	/	/	/	/
	4.2 Height, mast lowered	h ₁	mm	1940	1940	2052	2083
	4.3 Free lift	h ₂	mm	1505	1407	/	/
	4.4 Lift height	h ₃	mm	1520	1520	2930	2930
	4.5 Height, mast extended	h ₄	mm	1955	2053	3487	3895
	4.6 Initial lift	h ₅	mm	/	/	/	/
	4.9 Height drawbar in driving position min./max.	h ₃	mm	860/1200	860/1200	860/1200	860/1200
	4.10 Height of wheel arms	h ₂	mm	/	100	/	/
	4.15 Lowered height	h ₁₃	mm	88	60	88	60
	4.19 Overall length	l ₁	mm	1615	1570	1740	1650
	4.20 Length to face of forks	l ₂	mm	465	500	590	580
	4.21 Overall width	b ₁	mm	800	1135/1235/1335/1435	800	1135/1235/1335/1435
	4.22 Fork dimensions	s/e/l	mm	60/170/1150	35/100/1070	60/170/1150	35/100/1070
	4.24 Fork carriage width	b ₂	mm	680	780	680	800
	4.25 Distance between fork-arms	b ₃	mm	550	200-765	570	200-765
	4.26 Distance between wheel arms	b ₄	mm	/	/	/	/
	4.31 Ground clearance, laden, below mast	m ₂	mm	/	/	/	/
	4.32 Ground clearance, center of wheelbase	m ₂	mm	30	40	30	40
	4.34.1 Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2137	2175	2225	2255
	4.34.2 Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2062	2100	2150	2180
	4.35 Turning radius	Wa	mm	1295	1329	1408	1404
Performance	5.1 Travel speed, laden/ unladen		km/h	3.5/4	3.5/4	3.5/4	3.5/4
	5.2 Lifting speed, laden/ unladen		m/s	0.12/0.22	0.12/0.22	0.12/0.22	0.12/0.22
	5.3 Lowering speed, laden/ unladen		m/s	0.12/0.11	0.12/0.11	0.12/0.11	0.12/0.11
	5.8 Max. gradeability, laden/unladen		%	3/10	3/10	3/10	3/10
	5.10 Service brake type			Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Electric/engine	6.1 Drive motor rating S2 60 min		kW	0.65	0.65	0.65	0.65
	6.2 Lift motor rating at S3 15%		kW	2.2	2.2	2.2	2.2
	6.3 The maximum allowed size battery		mm	270 x 180 x 230	270 x 180 x 230	325 x 180 x 230	325 x 180 x 230
	6.4 Battery voltage/nominal capacity K20		V/Ah	2 x 12/85	2 x 12/85	2 x 12/105	2 x 12/105
	6.5 Battery weight		kg	2 x 25	2 x 25	2 x 30	2 x 30
Others	8.1 Type of drive unit			DC	DC	DC	DC
	10.5 Steering type			Mechanical	Mechanical	Mechanical	Mechanical
	10.7 Sound pressure level at the driver's ear			74	74	74	74

1. The parameters in the table are of the standard model. For more information please contact us.
2. The parameters are subject to change without notice.

All our products have a full 12 months ON SITE parts & labour warranty

12 MONTHS WARRANTY