

liftsmart

RT12-15

Electric Reach Stacker



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RT12-15

Liftsmart RT12-15 series is an advanced electric reach stacker. Features include lifting capacity of up to 1500kg, and a 24V 210/280/340Ah sliding battery box.

- ✓ Simple and reliable 3 point frame structure
- ✓ Easy and comfortable to operate with EPS steering, compact body and a floating design that greatly enhances manoeuvrability in confined spaces
- ✓ Redesigned third mast roller provides clear visibility for the operator
- ✓ Three speed settings
- ✓ Chains manufactured by Donghua
- ✓ Cylinders are designed to automatically buffer whilst mast is lowered, enabling safer pallet handling
- ✓ Sliding battery box
- ✓ Lowering of forks is 30% faster compared to previous model
- ✓ Optional sideshift
- ✓ Wider platform with spring shock absorbers provides a comfortable operating environment



SPECIFICATIONS

Characteristics	1.1	Model		RT12D	RT15D	RT12T	RT15T	RT12FD	RT15FD
	1.2	Mast Type		Duplex		Triplex		Duplex mast & free lift	
	1.3	Mast Profile		C model/H model		C model		C model	
	1.4	Type Of Drive		Full electric		Full electric		Full electric	
	1.5	Operator Type		Rider		Rider		Rider	
	1.6	Capacity	kg	1200	1500	1200	1500	1200	1500
	1.7	Load Center	mm	600	600	600	600	600	600
	1.8	Wheel Base	mm	1308	1408	1308	1408	1300	1400
	1.9	Reach Distance	mm	400	500	400	500	400	500
	1.10	Electric Power Steering(Eps)		standard equipped					
Weight	2.1	Service Weight Without Battery	kg	1626	1726	1795	1895	1590/1690 /1750	1690/1790 /1850
	2.2	Service Weight With Battery	kg	1836	1936	2005	2105	1800/1900 /1960	1900/2000 /2060
Wheel	3.1	Wheel Type		PU	PU	PU	PU	PU	PU
	3.2	Size Of Front Wheels	mm	∅ 210	∅ 210	∅ 210	∅ 210	∅ 210	∅ 210
	3.4	Size Of Drive Wheels	mm	∅ 230	∅ 230	∅ 230	∅ 230	∅ 230	∅ 230
	3.5	Wheels Quantity	pcs	1/2	1/2	1/2	1/2	1/2	1/2
	4.1	Mast Lower Height	mm	2040		2075		1795/2045/2195	
Chassis	4.2	Overall Length (Without Platform)	mm	2686	2786	2686	2786	3235	3350
	4.21	Overall Length (With Platform)	mm	3226	3326	3226	3326	3235	3350
	4.3	Rear Body Width	mm	850/988	850/988	850/988	850/988	850/908	850/908
	4.4	Height Of Tiller Arm In Drive Position Min./max.	mm	1030-1200					
	4.5	Rear Body Height	mm	860	860	860	860	860	860
	4.6	Mast Extend Height	mm	3955		5460		3370/3870/4170/4370/4870	
Specifications	5.1	Lifting Height	mm	3000/3300/3500/4500		4500/4800/5000		2500/3000/3300/3500/4000	
	5.2	Clearance	mm	60	60	60	60	60	60
	5.3	Fork Length	mm	1070	1070	1070	1070	1070	1070
	5.4	Overall Fork Width	mm	200~680	200~680	200~680	200~680	200~680	200~680
	5.5	Fork Width	mm	100	100	100	100	100	100
	5.6	Fork Thickness	mm	35	35	35	35	35	35
	5.7	Min.turning Radius	mm	1491	1590	1491	1590	1600	1600
	5.8	Lowered Height Of Fork	mm	70	70	100	100	70	70
	5.9	Freelift Height	mm			1530	1530	1260/1510/1660	
	5.10	Fork Tilting Degree (Forward/backward)	°	2/5	2/5	2/5	2/5	2/5	2/5
	5.11	Aisle Width (800*1200mm Pallet): Horizontal/vertical (Without Platform)	mm	2701	2752	2702	2733	3215	3315
	5.11	Aisle Width (800*1200mm Pallet): Horizontal/vertical (With Platform)	mm	3222	3274	3223	3255	3215	3315
5.12	Aisle Width (1000*1200mm Pallet): Horizontal/vertical (Without Platform)	mm	2745	2799	2746	2780	3245	3345	
5.12	Aisle Width (1000*1200mm Pallet): Horizontal/vertical (With Platform)	mm	3266	3321	3267	3302	3245	3345	
Performance	6.1	Travel Speed	laden	km/h	5	5	5	5	5
			unladen	km/h	5.3	5.3	5.3	5.3	5.3
	6.2	Lift Speed	laden	mm/s	108	108	108	108	108
			unladen	mm/s	147	147	147	147	147
	6.3	Lower Speed	laden	mm/s	145	145	145	145	145
			unladen	mm/s	80	80	80	80	80
	6.4	Gradeability	laden	%	5	5	5	5	5
			unladen	%	7	7	7	7	7
Driving system	7.1	Brake Type		Electromagnetic					
	7.2	Drive Motor	kw	1.5					
	7.3	Lift Motor	kw	2.2					
	7.4	Battery Voltage/capacity	V/Ah	24V 210/280/340Ah					
	7.5	Battery Weight	kg	210					
	7.6	Battery Size	mm	790*210*576					
	7.7	Control System		1230-2402(CURTIS)					

Load Chart: RT12D	
Lift Height (mm)	Actual Capacity (kg)
0	1200
3000	1200
4000	600

Load Chart: RT12T	
Lift Height (mm)	Actual Capacity (kg)
3000	1200
4000	600
4500	400
4800	200

Load Chart: RT15D	
Lift Height (mm)	Actual Capacity (kg)
0	1500
3000	1500
4000	950

Load Chart: RT15T	
Lift Height (mm)	Actual Capacity (kg)
3000	1500
4000	950
4500	800
4800	650

RT12D (with Duplex)			
lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Service weight with battery (kg)
1600	2120	2505	1585
2500	1790	3455	1736
3000	2040	3955	1836
3300	2190	4255	1900
3500	2290	4455	1936
4000	2540	4955	1960

RT15D (with Duplex)			
lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Service weight with battery (kg)
1600	2120	2505	1686
2500	1790	3455	1836
3000	2040	3955	1936
3300	2190	4255	2000
3500	2290	4455	2036
4000	2540	4955	2060

RT12T (with Triplex)				
lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Free lift (mm)	Service weight with battery (kg)
3700	1808	4660	1262	1965
4000	1908	4960	1362	1980
4300	2008	5260	1430	1995
4500	2075	5460	1462	2005
4800	2175	5760	1530	2020
5000	2240	5960	1696	2030

RT15T (with Triplex)				
lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Free lift (mm)	Service weight with battery (kg)
3700	1808	4660	1262	2065
4000	1908	4960	1362	2080
4300	2008	5260	1430	2095
4500	2075	5460	1462	2105
4800	2175	5760	1530	2120
5000	2240	5960	1696	2130

Branches

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