

ZOOMLION

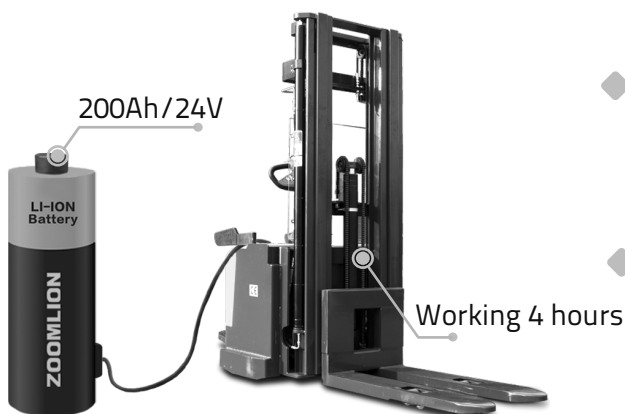
Electric Standard Stacker DB12-20R



Product characteristics

◆ Extended load capacity from 1.5 ton to 2 tons

Standard equipped with EPS, improving operating comfort. Platform and protecting arms guarantee the operating comfort and safety.



◆ Safe and durable

Standard equipped with CURTIS controller and 1.3KW AC drive motor, maintenance-free and durable.

◆ Strong driving force

210Ah lead-acid battery, Optional with 280Ah lead-acid side slidable battery, extending working hours.

◆ Double-speed models

Two speed models available while forks are lowering, multiple choices for higher efficiency. Special design on cylinder, auto-buffering to piston rods while lowering. To better protect the palletized loads.



◆ Advanced floating mast

Floating frame structure with advanced mounting type, larger area of thrust surface on piston rod, superior resistance to deformation, bending, abrasion, loose and falling out.

Machine Parameters		DB12R	DB15R	DB20R
Operation		Pedestrian	Pedestrian	Pedestrian
Nominal load capacity	kg	1200	1500	2000
Load center distance	mm	600	600	600
Wheel base	mm	1380	1380	1380
Empty weight (incl. Battery)	kg	930	945	1140
Tyres		PU	PU	PU
Tyres size (front)	mm	Ø78	Ø78	Ø78
Drive wheel size	mm	Ø230	Ø230	Ø230
Overall length(Pedal down)	mm	2515	2515	2580
Fork width	mm	160	170	185
Overall width	mm	800	800	940
Fork length	mm	1150	1150	1150
Distance between forks arms	mm	560/680	560/680	560/680
Minimum height of fork	mm	90	90	90
Ground clearance wheel base center	mm	40	40	40
Turning radius	mm	1637	1637	1637
Ride height	mm	800	800	800
Aisle width for pallets 800X1200 lengthways	mm	2515	2515	2530
Aisle width for pallets 1000X1200 crossways	mm	2585	2585	2600
Travel speed (laden/unladen)	km/h	5/5.3	5/5.3	5/5.3
Lifting speed (laden/unladen)	m/s	58/148	58/148	58/148
Lowering speed (laden/unladen)	m/s	145/80	145/80	145/80
Max. gradeability (laden/unladen)	%	5/7	5/7	5/7
Drive motor(Electronic steering)	kW	1.3(1.5)	1.3(1.5)	1.3(1.5)
Lifting motor	kW	3	3	3
Battery Voltage/Battery capacity	V/Ah	24V/280Ah	24V/280Ah	24V/210Ah
Battery size (length x width x height)	mm	790 × 210 × 576	790 × 210 × 576	790 × 210 × 576
Service brake		Electromagnetic	Electromagnetic	Electromagnetic
Controller		1230-2402(CURTIS)	1230-2402(CURTIS)	1230-2402(CURTIS)

Mast Parameters															
Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h(mm)	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h(mm)	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h(mm)
DB12R						DB15R					DB20R				
Two stage mast	2050	—	1600	2070	1690	2050	—	1600	2070	1690	—	—	—	—	—
	1795	—	2500	3040	2590	1795	—	2500	3040	2590	1795	—	2500	3035	2590
	2045	—	3000	3540	3090	2045	—	3000	3540	3090	2045	—	3000	3535	3090
	2195	—	3300	3840	3390	2195	—	3300	3840	3390	2195	—	3300	3835	3390
	2295	—	3500	4040	3590	2295	—	3500	4040	3590	2295	—	3500	4035	3590
Two stage mast FFL (Full-Free-Lift)	2545	—	4000	4540	4090	2545	—	4000	4540	4090	2545	—	4000	4535	4090
	1795	1300	2500	3050	2590	1795	1300	2500	3050	2590	—	—	—	—	—
	2045	1550	3000	3550	3090	2045	1550	3000	3550	3090	—	—	—	—	—
	2195	1700	3500	3850	3590	2195	1700	3500	3850	3590	—	—	—	—	—
	1908	1384	4000	4596	4090	1908	1384	4000	4596	4090	1908	1384	4000	4596	4090
Two stage mast FFL (Full-Free-Lift)	2075	1550	4500	5095	4590	2075	1550	4500	5095	4590	2075	1550	4500	5095	4590
	2175	1650	4800	5395	4890	2175	1650	4800	5395	4890	2175	1650	4800	5395	4890
	2245	1716	5000	5595	5090	2245	1716	5000	5595	5090	2245	1716	5000	5595	5090
	2415	1884	5500	6095	5590	2415	1884	5500	6095	5590	2415	1884	5500	6095	5590
	2515	1984	5800	6395	5890	2515	1984	5800	6395	5890	2515	1984	5800	6395	5890
	2585	2050	6000	6595	6090	2585	2050	6000	6595	6090	2585	2050	6000	6595	6090
	2685	2150	6300	6895	6390	2685	2150	6300	6895	6390	2685	2150	6300	6895	6390

