

RT 15ST

The Stand-on Reach Stacker Designed for Most Demanding Applications

INTRODUCTION

RT15ST Series Reach stacker is an ideal option for high capacity and high lift height cargo storage application. Rated load capacity of 3300lbs, lifting height up to 315inch. It has the advantages of the integrated reach forward mast and small turning radius, which can ignore the barriers of the bottom shelf. It is applicable to large-scale vertical chemical plants, warehouses, supermarkets, docks and places for goods storage.

ADVANTAGES

■ Regenerative braking

If brake when driving, the motor automatically power off to maximize reduce power consumption and extend battery working time; The use of regenerative braking technology minimize the wear of braking efficiently, to ensure the brake safety and efficiency of energy recovery.

■ Advanced configuration

Integrated AC system, KDS motor, Zapi power steering and control systems with high-precision gearbox to ensure a flexible steering and high-quality driving performance.

■ Hydraulic system

International advanced connectors, hoses and abrasion resistance, high temperature resistance, high flexible import seals, reasonable layout of hard and soft tube to ensure that the whole hydraulic system cooling, sealing, durability, safety and efficiency.



■ Comfortable and beautiful design

Modern and new design in Modern design of control pedal, and the damping pedal with ergonomic design ensures comfortable driving.

■ Mast system

The mast has the reach forward function which allows the truck to store the goods without moving of the truck itself, which is convenient and safe; High quality imported C-shape mast ensures that the vehicle load capacity.

■ Emergency button

Safe and convenient configuration of the emergency button, emergency one-time cut off all energy, which greatly increase safety.

■ Safety

The mast piping system with safe speed limit valve, effectively control the rate of lowering of goods. High standards of craftsmanship, aterials and quality ensures better performance in harsh conditions.

■ Buffer system for fork lowering and mast forward/backward

Buffer system for fork lowering and mast forward / backward increase vehicle safety and operating comfort.



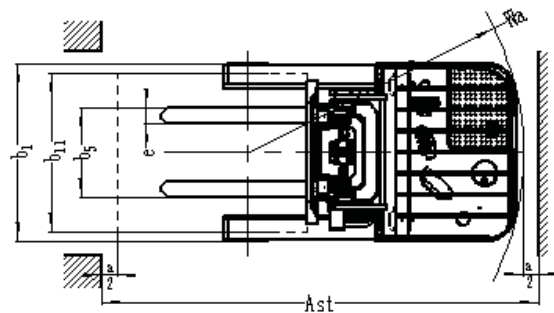
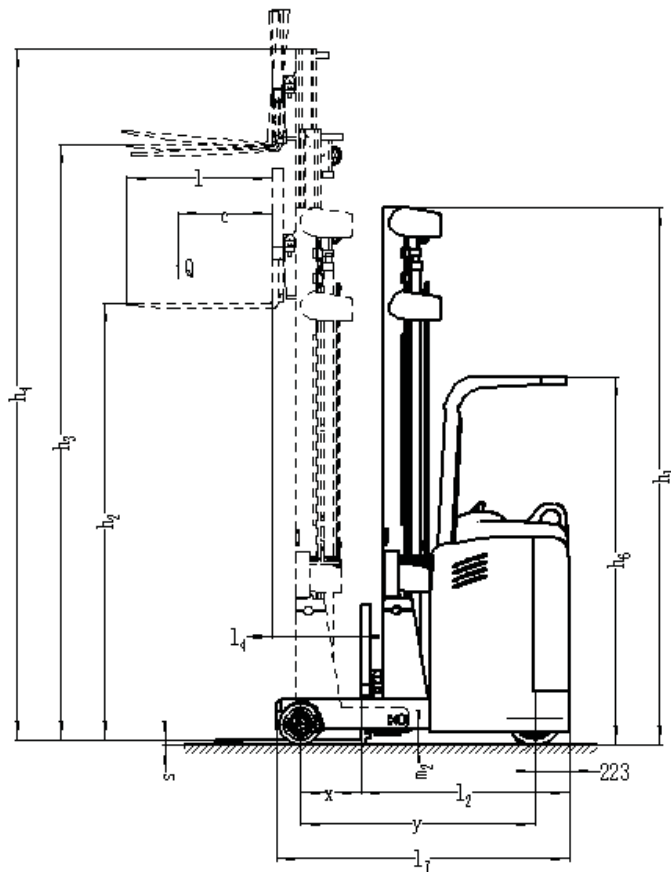
■ Electronic control functions

The electrical energy, timing, fault display is easy for operator to understand the vehicle condition and to have maintenance. The surface of electrical components is water and dust proof, the design of fully enclosed thermal of the central control unit to make the circuit more simple and reliable.



Mast table RT 15ST				
Designation	Lowered mast height h1 (mm)	Free lift height h2 (mm)	Lift height h3 (mm)	Extended mast height h4 (mm)
RT 15ST				
Two-stage mast	1830	135	2500	3365
	1930	135	2700	3565
	2080	135	3000	3865
	2230	135	3300	4165
	2380	135	3600	4465
	2580	135	4000	4865
Three-stage mast FFL (Full-Free-Lift)	2830	135	4500	5365
	2230	1630	4500	5365
	2398	1795	5000	5865
	2498	1895	5300	6165
	2565	1960	5500	6365
	2665	2060	5800	6665
	2730	2130	6000	6865
	2898	2295	6500	7365
	3065	2460	7000	7865
	3230	2630	7500	8365
	3398	2795	8000	8865

Type sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM				
Distinguishing mark	1.2	Manufacturer' type designation		RT15ST
	1.3	Drive(electric,diesel,petrol,gas,main electric)		Battery
	1.4	Type of operation(hand,pedestrian,,stand on,rider picker)		Stand on
	1.5	Load capacity/rated load	Q (t)	1.5
	1.6	Load center distance	C (mm)	500
	1.8	Load distance,centre of drive axle to fork	X(mm)	380
Weight	1.9	Wheelbase	y (mm)	1482
	2.1	Service weight incl.battery	kg	3630
	2.3	Axle loading,unladen front/rear	kg	2260/1370
	2.4	Axle loading,fork advanced,laden front/rear	kg	840/4290
	2.5	Axle loading,fork retraced,laden front/rear	kg	1960/3170
Tyres, chassis	3.1	Tyres(solid rubber,superelastic,pneumatic,polyurethane)		Polyurethane
	3.2	Tyres size,front	ØxW(mm)	343×140
	3.3	Tyres size,rear	ØxW(mm)	267×106
	3.5	Wheels,number front/rear(x=driven wheels)		2/1x+2
	3.7	Track width,rear	b11(mm)	1010/660
Dimensions	4.1	Mast/fork carriage tilt forward/backward	α/β (°)	3/5
	4.2	Lowered mast height	h1(mm)	3398
	4.3	Free lift	h2(mm)	2795
	4.4	Lift height	h3(mm)	8000
	4.5	Extended mast height	h4(mm)	8865
	4.7	Overhead load guard (cab) height	h6(mm)	2330
	4.19	Overall length	l1(mm)	2246
	4.20	Length to face of forks	l2(mm)	1326
	4.21	Overall width	b1(mm)	1130
	4.22	Fork dimensions	s/e/l(mm)	35/100/920
	4.25	Width over forks	b5(mm)	200/760
	4.28	Reath distance	l4(mm)	560
	4.31	Ground clearance	m1(mm)	80
	4.34	Aisle width for pallets 800X1000 crossways	Ast(mm)	2695
	4.35	Turning radius	Wa(mm)	1750
	4.37	Length across wheel arms	l7(mm)	1855
Performance data	5.1	Travel speed,laden/unladen	km/h	9.5/9.5
	5.2	Lift speed,laden/unladen	m/s	0.28/0.32
	5.3	Lowering speed,laden/unladen	m/s	0.35/0.31
	5.4	Reath speedm,laden/unladen	m/s	0.09/0.12
	5.8	Max.gradient performance,laden/unladen	%	10/15
	5.10	Service brake		Electromagnetic
Electric- engine	6.1	Drive motor rating S2 60 min	kW	5.5
	6.2	Lift motor rating at S3 15%	kW	8.6
	6.3	Battery acc.to DIN 43531/35/36 A,B,C,no		A,4Pzs
	6.4	Battery voltage,nominal capacity K5	V/Ah	48/360
	6.5	Battery weight	kg	680
Additional data	8.1	Type of drive control		Zapi
	8.2	Operating pressure for attachments	(bar)	110
	8.3	Oil volume for attachments	(l/min)	40
	8.4	Sound level at driver's ear according to EN 12053	dB/(A)	< 70



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