

LIFTSTAR[®]

WRS85-14

Walkie Reach Stacker



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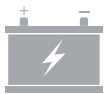
LIFTSTAR® WRS85-14

The Liftstar WRS85-14 is an ergonomically designed, highly efficient electric walkie reach stacker.

With a 1,400kg lifting capacity and maximum fork reach height of 5.5m, it provides an efficient solution for stacking operations in confined work areas.

Aisle-Assist Feature

The WRS85-14 integrates new features such as 'Aisle-Assist' for narrow aisle stacking. Aisle-Assist provides greater operator safety by allowing operators to view tynes unimpeded when lifting loads, providing more convenient and efficient working conditions for operators.



Standard Features

Units come standard with a 280ah battery, electric power steering and an AC driving system.



EPS Steering

With its ergonomic design the WRS85-14 is easy and comfortable to operate with EPS steering, compact body and a floating design that greatly enhances manoeuvrability in confined spaces and congested areas.



Quiet Night

Another integrated feature 'Quiet Night' will keep operating noise down to a minimum, ensuring a safer and healthier environment for workers. Lower levels of operational noise allow workers to hear and respond to their colleagues and safety warnings immediately without interruption.



ADVANCED FEATURES



Total Drive System

- Equipped with powerful AC drive system
- External encoder, easily replaceable
- Precise load positioning
- High torque to speed design
- Brushless, regenerative brakes



Special Design

- Equipped with Liftstar EPS
- Compact body with 3 points standing design that enhances manoeuvrability in confined and congested areas



System Self-Protection

- Double controller provides real time vehicle protection from circuit overload, under voltage, over current, excess temperature and short circuits



Production

- Injection mould cover with high precision and great appearance
- 10 year chassis lifespan guarantee
- CNC machine ensures precise components
- Steel cover



Ergonomics

- Tiller head designed for maximum operator comfort
- Controls positioned to allow operation with either hands
- EPS system provides optimum directional control at any speed



Hydraulic System

- Equipped with solenoid valve
- One hand operation, operators can reach driving, lifting and reaching button
- Timing delay control system offers smooth movement of mast reaching and fork lifting/lowering

Aisle-Assist

WRS85-14 Specifications

Characteristics

1.1		Mast Type	Triplex
1.2	Q	Capacity	1,400kg
1.3	C	Load Centre	600mm
1.4		Operator Type	Walkie
1.5		Electric Power Steering	Standard equipped

Specifications

2.1	H	Optional Lifting Height	3,600mm / 4,000mm / 4,500mm / 5,000mm / 5,300mm / 5,500mm
2.12	H7	Lowered Height Of Fork	55mm
2.2	B1	Outside Width Between Forks	200–755mm
2.3	L	Standard Fork Length	1,070mm
2.4		Fork Thickness	40mm
2.5	E	Fork Width	100mm
2.6	L3	Reach Distance	0–600mm
2.7		Fork Tilting Degree (Forward/Backward)	4/3°
2.8	Wa	Min. Turning Radius	1,566mm
2.8.1	AST	Min. Aisle Width For Pallets 800 X 1,200	2,385mm
2.8.2	AST	Min. Aisle Width For Pallets 1,000 X 1,200	2,465mm
2.9	H6	Min. Ground Clearance	48.5mm

Performance

3.1		Maximum Travelling Speed	Laden	3.5 km/h
			Unladen	4 km/h
3.2		Maximum Lifting Speed	Laden	130 mm/s
			Unladen	230 mm/s
3.3		Maximum Lowering Speed	Laden	130 mm/s
			Unladen	230 mm/s
3.4		Gradeability	Laden	8%
			Unladen	5%

Weight

4.1		Service Weight Without Battery	1,990kg
4.2		Service Weight With Battery	2,290kg

Chassis

5.1	L1	Overall Length	2,225mm
5.2	B	Overall Width	1,430mm
5.3	H2	Mast Extend Height	4,785mm / 5,185mm / 5,685mm / 6,185mm / 6,485mm / 6,685mm
5.4	H1	Mast Lower Height	1,948mm / 2,081mm / 2,248mm / 2,415mm / 2,515mm / 2,582mm

Wheels

6.1		Wheel Type Front/Rear	PU
6.2		Wheel Quantity	1 *Driven wheel, 4 *Loading Wheel
6.3	Y	Wheel Base	1,478mm

Driving System

7.1		Brake Type	Electromagnetic / Regenerative
7.2		Travelling Motor	1.5 AC
7.3		Lifting Motor	3.0 DC
7.4		Steering Motor	0.15 DC
7.5		Voltage	24 V
7.6		Battery Capacity/Type	280 Ah / Industry
7.7		Control System	CURTIS

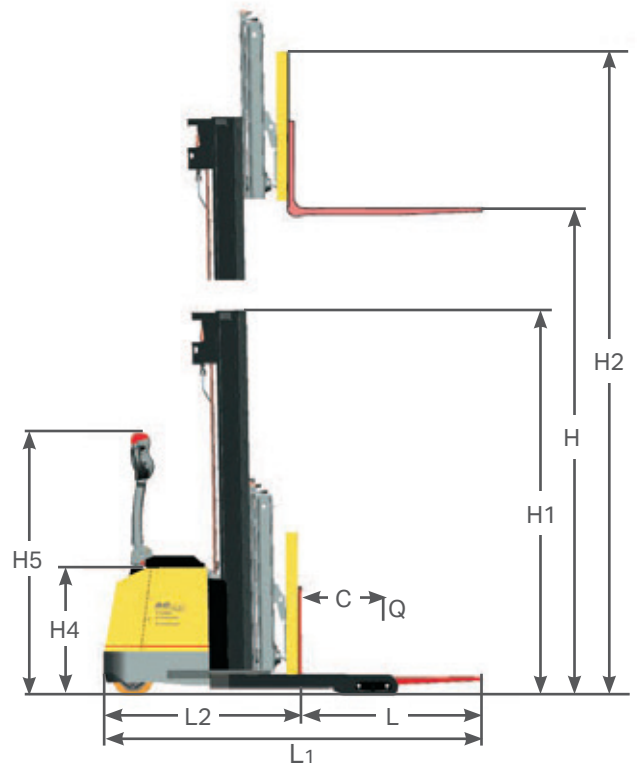
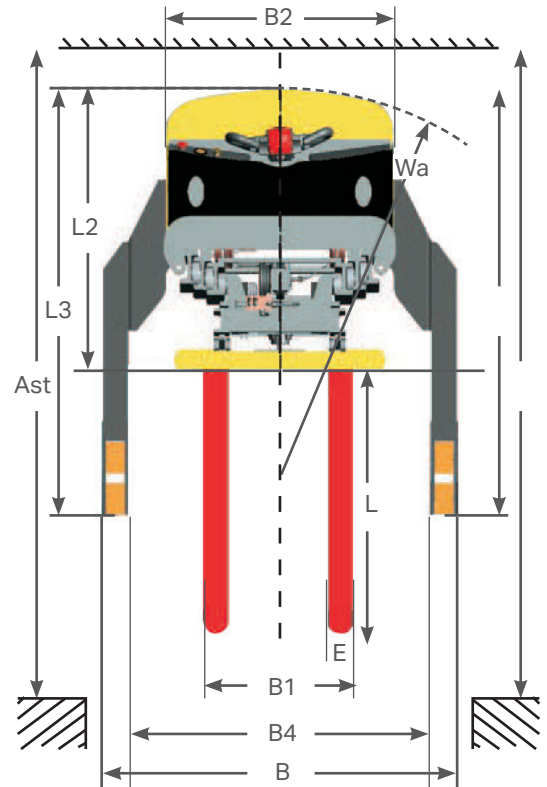
DIMENSIONS

Note:

Specifications are effected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your dealer.

Notice:

Care must be exercised when handling elevated load. When the carriage and/or load is elevated, truck stability is reduced. Operators must be trained and adhere to the instructions contained in the Operating Manual.



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