ATCOLIFT – PRODUCT DATA SHEET

RIDE-ON TYPE POWER PALLET STACKER | MODEL ALES12-20

Product code: ALES1548TX
Rated basic capacity: 1,500 kg at 600 mm load centre up to 3,000 mm lift height
Maximum lift height: 4,800 mm

The ATCOLIFT ALES12-20 is an electric stand-on rider pallet stacker designed for lifting, transporting and stacking palletised loads in warehouse and industrial environments. It features a three-stage mast, electric power steering and a foldable operator platform. Supplied specifications state residual capacities of 1,100 kg at 4,000 mm lift height and 800 kg at 4,800 mm lift height, both at a 600 mm load centre.



TECHNICAL SPECIFICATIONS

Parameter	Specification
Brand	ATCOLIFT
Product code	ALES1548TX
Model number	ALES12-20
Basic capacity	1,500 kg @ 600 mm load centre, up to 3,000 mm lift height
Residual capacity	1,100 kg @ 600 mm load centre at 4,000 mm lift height
Residual capacity	800 kg @ 600 mm load centre at 4,800 mm lift height
Drive power	Electric driven
Battery	24 V / 210 Ah lead-acid battery
Operation type / control	Stand-on rider / tiller handle
Mast	Three-stage mast with free lift
Maximum lift height	4,800 mm
Overall extended height	5,395 mm (with load backrest)
Mast closed height	2,175 mm
Free lift	1,650 mm
Mast ground clearance	30 mm
Drive motor	1.5 kW
Lift motor	3 kW
Driving speed	5.0 / 5.3 km/h (laden / unladen)
Lifting speed	58 / 148 mm/s (laden / unladen)
Machine weight	Maximum 1,275 kg (including battery)
Fork dimensions (L × W × T)	1,150 × 170 × 58 mm
Aisle width – 1,000 × 1,200 mm pallet	2,635 mm (platform closed)
Aisle width – 800 × 1,200 mm pallet	2,575 mm (platform closed)
Steering system	EPS (electric power steering)
Brakes	Electromagnetic brake
Wheels	PU wheels
Turning radius	1,585 mm (platform closed)
Charger	Single-phase power supply, 24 V / 30 A

FEATURES, LOAD CHART & GALLERY

ATCOLIFT ALES12-20 | Electric Stand-On Rider Stacker

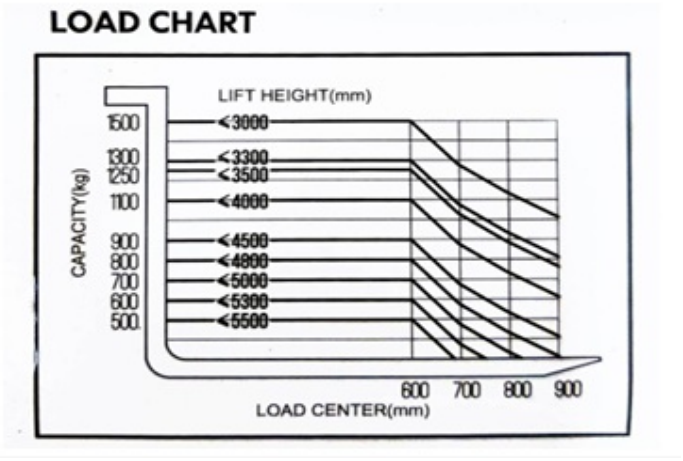
- ALES series electric stacker with AC drive technology.
- AC drive system designed to provide strong power, accurate control and operating performance.
- High-strength gearbox designed for a long working life.
- Low-noise hydraulic unit, quality cylinder and hoses.
- H-shaped mast design for structural strength; electric power steering supports manoeuvrability in narrow spaces.
- Tandem load wheels intended to improve stability when travelling over uneven ground.
- Foldable operator platform with protective arms for operator support and convenient operation.

SUPPLIED EQUIPMENT

Platform with safety arm guard, battery water-filling system with tank, and charger.

LOAD CAPACITY INFORMATION

The supplied product information lists a basic capacity of 1,500 kg at a 600 mm load centre up to 3,000 mm lift height. It lists residual capacities of 1,100 kg at 4,000 mm and 800 kg at 4,800 mm, each at a 600 mm load centre. Capacity varies with load centre and lifting height. Always consult the manufacturer's official load chart and operating instructions before use.



Supplied load chart
Reproduced from the customer-provided product document. Check both lift height and load centre. This image is not a substitute for the current manufacturer-approved capacity plate or operating manual.

PRODUCT PHOTO GALLERY









WARRANTY & DOCUMENT NOTES

The supplied source states that warranty is applicable only within the sales region covered by ATCO after-sales support, subject to periodic maintenance as recommended by the manufacturer and carried out by an authorised service provider. Warranty terms must be confirmed with the seller for the destination market before purchase.

This datasheet has been prepared by Streamline International General Trading LLC from the two product-information images supplied by the customer. Technical details, feature statements, included equipment and warranty wording have been transcribed or summarised from those images and have not been independently authenticated against a current manufacturer publication. Product specifications may change without notice.