

Jungheinrich Swing Reach Stacker Capacities 2,200 and 2,750 lb

EFX ac 100 EFX ac 125



The Jungheinrich swing reach stacker EFX ac 100 or 125 is a compact and maneuverable truck for storing and retrieving pallets and other loading aids. It may be used with mechanical or inductive guidance as well as in free path mode. The design principle with swing reach mechanism and mast arranged at the side permits the use in narrow working aisles with optimum space utilization. The maximum lift height is 276 inch.

Operator workplace: The ergonomically designed operator workplace provides optimum visibility towards travel route, load and forks. The cushioned seat with safety belt and fold-down armrest is individually adjustable to the operator's body size and weight, ensuring high comfort and fast operating processes. The operator is able to see all operating elements in form of pictograms on the generous display. The stacker's excellent maneuverability is further supported by power steering.

Load Handling Device: The rotating mast facilitates loads to be picked up directly from the floor from either side and front and picked up or deposited on either side of the racking aisle. All normal loading aids may be used. End positions for reach and rotating are sensitively controlled via motor speed and make use of adjustable cushioning during approach and when reaching the end positions. For fast turning of pallets, the sideshifting and rotating movements of the forks can be carried out simultaneously.

Drive motor: Powerful 4.4 kW 3-phase ac motor with high torque for dynamic travel characteristics,

vertically mounted and rigidly bolted to the truck chassis. Cable connections are thus not put under stress during steering movements.

Battery: 48 V/550 Ah for EFX ac 100 or 48 V/660 Ah for EFX ac 125. The battery is fitted with battery rollers as standard for sideways removal. Battery discharge indicator and hour meter are also fitted as standard.

Drive Control: New AC drive control with stepless, sensitive control of travel speed via MOSFET technology. The travel speed is determined via pedals arranged according to automobile standards. On releasing the pedal, regenerative braking is activated and the reclaimed energy is fed back into the battery or other power-consuming components.

Wheels: Drive wheel: 13.5" dia. x 5.5", load wheels: 11.6" dia. x 5.7". All wheels with polyurethane tires.

Steering: Particularly easy to operate electric steering for effortless maneuvering in confined warehouse areas. Automatic straight forward wheel alignment when truck is switched on.

Brake: Apart from wear-free regenerative braking via the drive motor, both load wheels are hydraulically braked when operating the brake pedal. As parking brake, an electro-magnetic spring pressure brake acts on the drive wheel.

- **Unique truck concept with front seat and 180° swing reach mast**
- **Unobstructed visibility towards forks, load and aisle**
- **Universal application**
- **3-phase AC technology with excellent truck performance**
- **AC control with permanent efficiency optimization**
- **Energy reclamation during lowering and braking**

Hydraulics: The truck is fitted with a pump aggregate with powerful 9.5 kW 3-phase ac motor. At a high starting torque, the hydraulic movements are sensitively controlled via MOSFET technology. The lift motor is switched over to regenerative operation during lowering of the load carrying device and the reclaimed energy is fed back into the battery or other power-consuming components.

Mast: 2-stage or 3-stage masts with full free lift are available. The mast is fixed to the outrigger of the swing reach mechanism transverse to the travel direction, resulting in excellent visibility for increased safety during stacking and retrieval.

Chassis: Torsion-resistant robust welded design in skeleton construction.

Service friendliness: All aggregates are readily accessible by easy to open rear cover. The integrated diagnostics system provides fast fault detection and solving. Optimal adjustment to local operating conditions is ensured via performance parameters with the latest CAN-Bus technology. The EFX ac 100/125 range has an interface for remote diagnosis.

Options: Lift height pre-selection, workplace lighting, spotlight for horizontal positioning, mechanical or inductive guidance.

Safety: The truck conforms to the current European safety regulations for fork lift trucks and to ANSI B56.1.



ISO-9001, ISO-14001-
Certification of Quality and
Environment Management.

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