FullSharp 300kg Manual Push Roll Lifter



Ideal for printing, packaging, label and textile plants, and any line that changes material rolls frequently with a single operator.

The FullSharp 300kg manual push roll lifter is designed to lift and tilt label, film, paper, fabric and other material rolls using an **expanding shaft that grips the roll core**. Once the roll is held securely on the shaft, the lifter can electrically **tilt the roll from horizontal core to vertical core** and back.

It is well suited to **non-through-shaft** applications, such as picking a roll from a pallet, tilting it and loading it onto the fixed shaft of a printing, slitting or laminating machine. Electric lifting, manual push travel, rated load up to **300 kg** and lifting height **1.600 mm**.









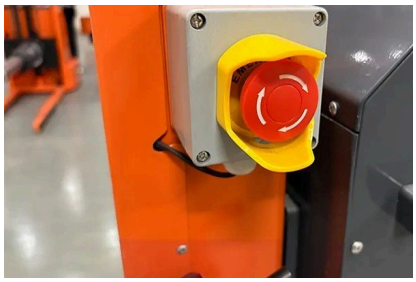
Key features



Battery indicator Shows remaining battery capacity in real time, estimates working time and prompts timely charging to extend battery life.



Casters with foot brake Quickly locks the wheels so the lifter stays in place during handling, releases easily, and still maneuvers freely in narrow aisles.



Emergency stop button Stops the machine instantly in case of a fault, reducing risk and protecting both the operator and the equipment.



Wireless remote control Controls lifting, lowering and shaft expansion/release remotely, so the operator can view from any angle, position precisely, avoid collisions and work alone.



Pneumatic expanding shaft Responsive expansion and retraction for fast roll changes, compatible with multiple core diameters without damaging the roll.



Outrigger legs High load capacity and deformation resistance, improving stability when parked and preventing tipping during handling.

Technical specifications

General

- **Model** FS-QZ0316
- **Rated load** 300 kg
- **Lifting height** 1.600 mm
- **Load center** 720 mm
- **Lifting mechanism** Electric
- **Operation** Manual push, walk-behind
- **Certifications** CE, ISO, TUV, GS

Dimensions

- **Length × width × height** 1.300 × 700 × 2.200 mm
- **Minimum shaft height above floor** 190 mm
- **Maximum shaft height above floor** 1.600 mm
- **Minimum turning radius** 1.320 mm
- **Roll core diameter** 3 inch, customizable
- **Maximum roll diameter** 650 mm
- **Wheelbase** 1.160 mm
- **Front / rear track width** 640 / 640 mm
- **Front wheels** Ø70 × 40 mm
- **Rear wheels** Ø150 × 38 mm

Performance

- **Maximum lifting speed (laden / unladen)** 50 / 50 mm/s
- **Maximum lowering speed (laden / unladen)** 55 / 50 mm/s
- **Rotation speed** 6 rpm

Electrical and pneumatic system

- **Lifting motor** 0,75 kW / 24V
- **Tilting motor** 0,5 kW / 24V
- **Air pump** 0,28 kW / 24V
- **Battery** 24V / 33Ah
- **Charger** 24V / 5A
- **Air tank** 3 liters, working pressure 0,5 – 0,6 MPa

Weight and packaging

- **Lifter weight** 230 kg
- **Battery weight** 18,6 kg
- **Packaging** Wooden pallet 130 × 70 × 220 cm
- **Gross package weight** 230 kg

Roll core size, lifting height and load capacity can be engineered to your specific requirements. Contact FullSharp for advice on the right configuration for your material rolls.

Contact us for consultation and a quotation

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Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.