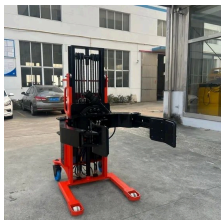
Semi-Automatic Roll Clamp Lifter



Suited to printing, packaging, paper, plastic film and nonwoven plants, and to material warehouses that move rolls from pallets onto machines or racks.



FullSharp Semi-Automatic Roll Clamp Lifter

The semi-automatic roll clamp lifter uses **clamp arms that grip both ends of the roll** instead of a shaft through the core, so it picks rolls straight off the pallet without threading a shaft. The arm opening adjusts to the roll length, and wide clamp pads hold the roll securely without denting its edges.

It uses **electric lifting** and **manual push travel**, and one operator is enough. Four standard models cover load capacities from **200 kg to 1 t** and lift heights from **1,600 to 3,000 mm**.

Main Features

Picks rolls straight from the pallet

With a minimum clamp height of 520 mm, the arms fit into the gaps between rolls stacked on a pallet.

Compact for narrow aisles

The turning aisle is 1,900 mm for the small-roll models and 2,100 mm for the large-roll models, so it works well in racked warehouses.

Low operating cost

A simple mechanical design with just one 1.6 kW lift motor and a battery pack means few routine maintenance items.

Specifications

Four Standard Models

Parameter	FSCTS0216-500Z-R	FSCTS0525-500Z-R	FSCTS0516-1000Z-R	FSCTS0530-1000Z-R
Load capacity (kg)	200	500	500	1,000
Max. lift height (mm)	1,600	2,500	1,600	3,000
Min. clamp height (mm)	520	520	520	520
Clamp opening (mm)	635 - 950	635 - 950	1,135 - 1,450	1,135 - 1,450
Clamp arm length (mm)	820	820	1,220	1,220
Roll diameter (mm)	ø200 - 500	ø200 - 500	ø600 - 1,000	ø600 - 1,000
Load center (mm)	350	350	700	700
Truck weight (kg)	498	550	560	640
Dimensions L x W x H (mm)	1,700 x 950 x 2,000	1,700 x 950 x 1,780	1,900 x 1,500 x 2,000	1,900 x 1,500 x 1,780
Turning aisle (mm)	1,900	1,900	2,100	2,100
Required travel aisle (mm)	1,000	1,000	1,600	1,600

Common Specifications

- **Lifting mechanism** Electric
- **Travel** Manual push, walk-behind
- **Lift motor** 1.6 kW
- **Battery** 12V / 120Ah
- **Charger** 12V / 15A
- **Rear wheels** 2 x ø80 x 70 mm
- **Front wheels** 2 x ø150 x 50 mm
- **Brake** Foot brake
- **Certification** CE, ISO, TUV, GS

Choosing a Model for Your Rolls

Small and medium rolls

Diameter ø200 to 500 mm, length 635 to 950 mm.

- **FSCTS0216-500Z-R**: 200 kg capacity, 1,600 mm lift height

- **FSCTS0525-500Z-R**: 500 kg capacity, 2,500 mm lift height

Large rolls

Diameter ø600 to 1,000 mm, length 1,135 to 1,450 mm.

- **FSCTS0516-1000Z-R**: 500 kg capacity, 1,600 mm lift height
- **FSCTS0530-1000Z-R**: 1 t capacity, 3,000 mm lift height

Before choosing: measure the roll diameter and length, the weight of the heaviest roll, the height at which rolls must be placed on the machine or rack, and the aisle width in your warehouse. These four figures determine the right model.

Applications

- Printing and packaging: moving paper and film rolls from pallets onto printer, slitter and laminator shafts
- Paper and carton plants: moving paper rolls around the warehouse and placing them on racks
- Plastic film and nonwoven plants: lifting finished rolls from the machine to the packing area
- Cable and wire plants: lifting medium-size coils and reels
- Material warehouses: changing rolls each shift without a large forklift or overhead crane

Consultation and Quotation

FullSharp surveys your rolls and site, recommends a suitable model, load-tests the unit before handover and trains your operators. Spare parts and warranty service are available in Vietnam.

Contact us for consultation and a quotation

Vietnam factory: Workshop A1-1, VSIP Hai Phong, Nam Trieu Ward, Hai Phong City · +84 817 888 198
Taiwan factory: Zhongli District, Taoyuan City · +886 3-451-8806
Email: sales@fullsharp.com.vn · **Website:** www.fullsharp.com

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