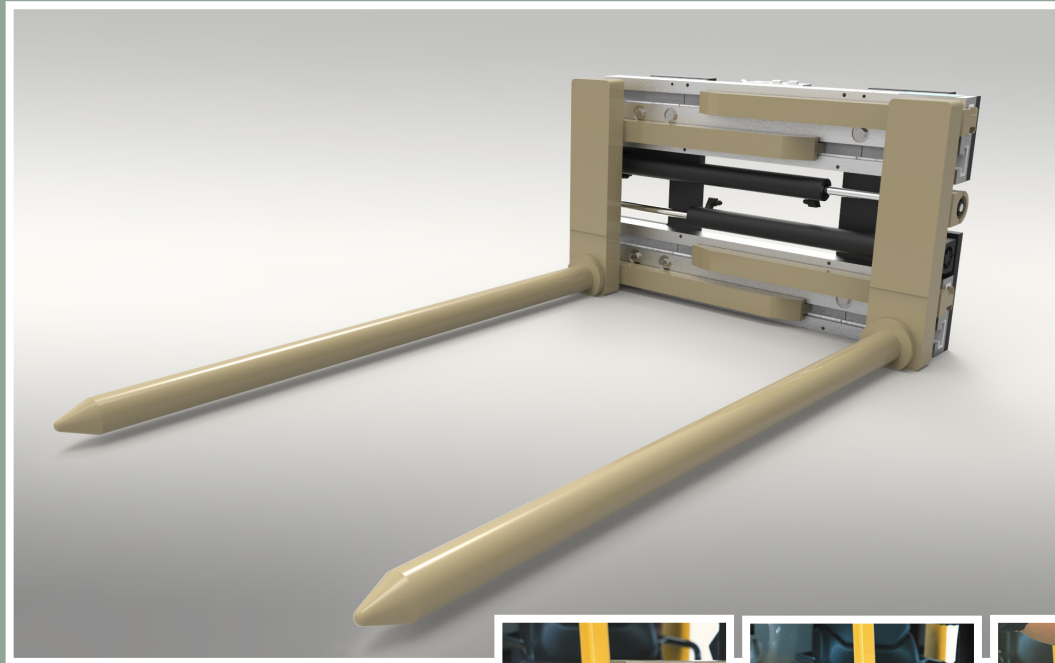


# Long Reach Bar Positioners



### Engineered for the textile industry

LCS bar positioners boost productivity in the textile industry by handling rolls of cloth or other materials quickly and easily, without damaging the product. The round surface and tapered tips of the bar arms eliminate snagging that occurs when handling rolls with forks.

#### Applications include:

- Manufacturing
- General warehousing
- Distribution

#### Features:

- Capacities from 1,000 to 1,700 lbs.
- Fork carrier design for no-weld installation.
- Sideshifting models have bronze top slides and steel heel rollers.

- Long Reach bar positioners feature clean, grease-free handling and Repair-N-Place serviceability for easy field replacement — without removing the arms.
- Available regenerative circuit to boost arm opening speeds on trucks with high hydraulic pressure and lower volume (gpm). Available on sideshifting and non sideshifting models.
- Flow divider valve provides equal arm travel for accurate bar positioning.
- Dual fork positioning cylinders provide superior arm speed for efficient operation.

# Long Reach Bar Positioner

## Non-Sideshifting Bar Positioners, 1 Function

Model Number	Capacity (lb) @ 24" <sup>1</sup>	Opening Range (in)	Arm Size D x L (in)	Mounting Class	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-45NN-R2542	4,500	10.0–56.8	2.5 x 42	II	9.0	7.2	8.2	764
LCS-45NN-R2548	4,500		2.5 x 48			8.1	8.0	780
LCS-45NN-R3042	4,500	10.0–56.8	3 x 42	II or III	9.0/10.0	8.6/9.6	7.5	821
LCS-45NN-R3048	4,500		3 x 48			9.8/10.8	7.2	845
LCS-45NN-R3060	4,500		3 x 60		9.0/10.0	12.6/13.6	6.7	893
LCS-45NN-R3072	4,500		3 x 72		9.0/10.0	15.6/16.6	6.3	941
LCS-4RNN-R3042	4,500	6.0–48.8	3 x 42	II or III	9.0/10.0	8.6/9.6	7.5	821
LCS-4RNN-R3048	4,500		3 x 48			9.8/10.8	7.2	845
LCS-4RNN-R3060	4,500		3 x 60		9.0/10.0	12.6/13.6	6.7	893
LCS-4RNN-R3072	4,500		3 x 72		9.0/10.0	15.6/16.6	6.3	941

## Sideshifting Bar Positioners, 2 Functions

LCS-45NS-R2542	4,500	10.0–56.8	2.5 x 42	II	9.0	7.2	8.2	764
LCS-45NS-R2548	4,500		2.5 x 48			8.1	8.0	780
LCS-45NS-R3042	4,500	10.0–56.8	3 x 42	II or III	9.0	8.6	7.5	821
LCS-45NS-R3048	4,500		3 x 48			9.8	7.2	845
LCS-45NS-R3060	4,500		3 x 60		9.0	12.6	6.7	893
LCS-45NS-R3072	4,500		3 x 72		9.0	15.6	6.3	941
LCS-4RNS-R3042	4,500	6.0–48.8	3 x 42	II or III	9.0	8.6	7.5	821
LCS-4RNS-R3048	4,500		3 x 48			9.8	7.2	845
LCS-4RNS-R3060	4,500		3 x 60		8.8	12.6	6.7	893
LCS-4RNS-R3072	4,500		3 x 72		8.8	15.6	6.3	941

<sup>1</sup>Capacity rating specified is basic. Provide roll weight and length to ensure proper arm size selection

### Recommended Hydraulic Supply

Model Number	Flow (gpm)	Max psi
LCS Models	7–10	2,500

Hydraulic flow less than minimum may reduce operating speed and/or cause irregular arm movement. Higher flow may result in heat build-up, erratic operation and shortened hydraulic system life.

### Minimum Truck Carriage Width

Model Number	Body Width (in)	Minimum Truck Carriage Width (in)
All models	41	35

**Choose Long Reach for serviceability, value, and custom design**

Multi-Pallet Handlers  
Fork Positioners  
Integral Carriages  
Paper Roll Clamps  
Lateral Clamps

Carton Clamps  
Push-Pulls  
Rotators  
Custom Design

21433 SW Oregon Street  
Sherwood, Oregon 97140-9799 USA  
Toll free: (800) 285-7000  
Phone: (503) 625-2560  
Fax: (503) 625-7269  
Email: [marketing@alliedsystems.com](mailto:marketing@alliedsystems.com)  
[www.alliedsystems.com/Longreach](http://www.alliedsystems.com/Longreach)

**LONG REACH**<sup>®</sup>  
A Division of Allied Systems Company