



A Division of Allied Systems Company

Long Reach Sideshifters



Increase lift truck productivity

The Long Reach sideshifter does what it says: it allows the driver to shift the carriage left or right to enter a pallet and move the load sideways for load alignment. The ability to shift the load just a few inches often means making a turn without repositioning the truck. Sideshifting allows the operator to create neater stacks, making better use of space.

Applications include:

- Forest industries
- Manufacturing
- General warehousing
- Distribution

Benefits:

- Bronze top slides and steel heel rollers for long service life.
- Easy-on mounting — no welding.
- Faster load handling.
- Widths and capacities to suit your application.
- Predrilled for optional load backrest.

Heavy-Duty Sideshifters Class II, III, and IV, 1 Function

Model Number	Capacity lb @ 24"	Mounting Class	Width Range Available (in)	Total Sideshift (in) ¹	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
SLNC055A300 thru 420			30.0–42.0					140–182
SLNC055A421 thru 550	5,500	II	42.1–55.0	8	2.3	1.3	11.0	183–230
SLNC055A551 thru 720			55.1–72.0					231–395
SLNC100B400 thru 500			40.0–50.0					230–277
SLNC100B501 thru 600	10,000	III	50.1–60.0	8	2.8	1.5	13.0	278–340
SLNC100B601 thru 700			60.1–70.0					341–400
SLNC100B701 thru 800			70.1–80.0					401–450
SLNC155C400 thru 540			40.0–54.0					240–420
SLNC155C541 thru 700	15,500	IV	54.1–70.0	10	3.3	1.8	18.0	421–515
SLNC155C701 thru 800			70.1–80.0					516–565

¹ For sideshift widths greater than 14" over the truck's carriage width, consult factory.
Replacement forks are available; see pages K-2 through K-5 for standard and specialty forks.

Hook-to-Pin Sideshifters Class II, III, and IV, 1 Function

Model Number	Capacity lb @ 24"	Mounting Class	Overall Width (in)	Min. Truck Carriage Width (in)	Fork Spread ITO (in) ¹	Total Sideshift (in)	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
SPNC055A375			37.5	35	1.5–36					260
SPNC055A395			39.5	35	1.5–38					270
SPNC055A425	5,500	II	42.5	35	1.5–41	8	2.9	2.0	14.4	285
SPNC055A455			45.5	41	1.5–44					310
SPNC055A515			51.5	41	1.5–50					330
SPNC100B420			42	36	2–40					375
SPNC100B480			48	40	2–46					410
SPNC100B500	10,000	III	50	40	2–48	8	2.9	2.1	15.1	420
SPNC100B600			60	48	2–58					480
SPNC100B620			62	48	2–60					490
SPNC155C440			44	42	2–42					650
SPNC155C500			50	48	2–48					735
SPNC155C540	15,500	IV	54	48	2–52	10	3.2	2.6	22.0	775
SPNC155C620			62	48	2–60					855
SPNC155C740			74	65	2–72					975

¹ Minimum fork spread range is to inside of forks. Maximum fork spread range is to outside of forks.

Notes: For fork-pin profiles, see pin-to-pin graphic on page B-10.

Recommended Hydraulic Supply

Model Number	Min	Flow (gpm)	Max	Recommended psi
Class II	1	2	5	2,500–3,000
Class III	1	4	7	2,500–3,000
Class IV	1	6	11	2,500–3,000

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.

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

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