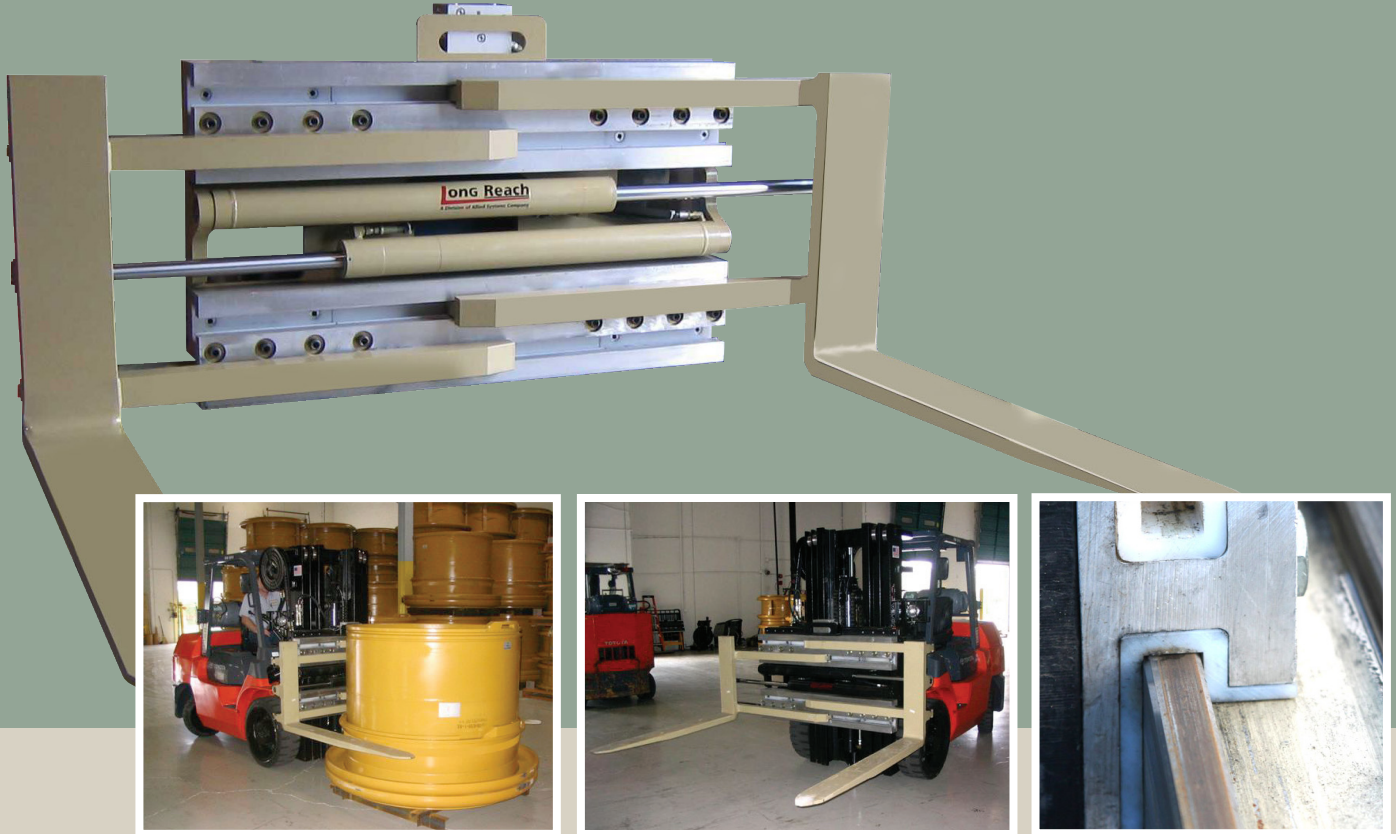


Long Reach Pallet Fork Clamps



Easily replaced polymer wear strips

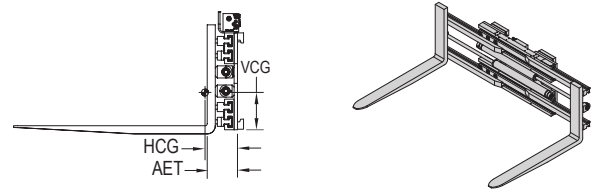
Long Reach pallet fork clamps give you a versatile fork positioner with the functionality of a bale clamp. Easily pick up a load on a pallet, or clamp or cradle difficult loads, with precise fork positioning for overall handling efficiency.

Pallet fork clamps are used by many industries, from recycling and scrap metal yards to power plants and more.

- Perfect for applications requiring frequent fork adjustments, or for handling a variety of load widths
- Spread forks to handle wide loads, such as power poles, without increasing carriage width
- Rotating and non-rotating, sideshifting and non-sideshifting models available
- Upending feature available
- Service all hoses, valves and fittings from the front of the truck
- Long Reach's patented "Repair-N-Place" design has no-lube polymer wear strips that can be replaced in just minutes
- Grease-free handling keeps all loads clean
- Fast-response hydraulics keep productivity levels high
- Clamp arms are engineered to suit various applications

LCS/NSQ Pallet Fork Clamps

Weld-on forks for maximum strength
Clean, grease-free handling — no lubrication required
High net truck capacity



Non-Sideshifting Pallet Fork Clamps, 1 Function

Model Number	Capacity lb @ 24"	Opening Range (in) ¹	Fork Size T x W x L (in)	Mounting Class	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25NN-FB536	2,500	14–60.8	1.5 x 5 x 36	II/III	7.0	6.1	8.0	745
LCS-25NN-FB542			1.5 x 5 x 42			7.2	7.7	770
LCS-25NN-FB548			1.5 x 5 x 48			8.0	7.5	785
LCS-35NN-FD536	3,500	14–65.8	2 x 5 x 36	II/III	7.5	6.3	7.9	845
LCS-35NN-FD542			2 x 5 x 42			7.4	7.5	880
LCS-35NN-FD548			2 x 5 x 48			7.1	8.7	915
LCS-50NN-FD536	5,000	17–71.4	2 x 5 x 36	II	7.5	6.2	8.1	870
LCS-50NN-FD542			2 x 5 x 42	III	8.5	7.0	8.3	900
LCS-50NN-FD548			2 x 5 x 48	II	7.5	8.0	7.9	930
LCS-50NN-FD548	5,000	17–71.4	2 x 5 x 48	III	8.5	8.6	7.3	940
LCS-50NN-FD554			2 x 5 x 54	III	8.5	8.3	7.7	970
LCS-50NN-FD554			2 x 5 x 54	II	7.5	9.9	7.0	975
LCS-5CNN-FD542	5,000	17–78.4	2 x 5 x 42	III	8.5	9.6	7.2	1,005
LCS-5CNN-FD542			2 x 5 x 42	II	7.5	7.1	7.7	950
LCS-5CNN-FD548			2 x 5 x 48	III	8.5	7.8	8.2	980
LCS-5CNN-FD548	5,000	17–78.4	2 x 5 x 48	II	7.5	8.3	7.3	985
LCS-5CNN-FD548			2 x 5 x 48	III	8.5	9.0	7.8	1015
LCS-5CNN-FD554			2 x 5 x 54	II	7.5	9.6	7.0	1,020
LCS-5CNN-FD554	5,000	17–78.4	2 x 5 x 54	III	8.5	10.3	7.5	1,050
LCS-5DNN-FD542			2 x 5 x 42	II	8.0	5.7	8.5	1,385
LCS-5DNN-FD542			2 x 5 x 42	III	9.0	6.5	8.7	1,415
LCS-5DNN-FD548	5,000	15–88.4	2 x 5 x 48	II	8.0	6.6	8.2	1,420
LCS-5DNN-FD548			2 x 5 x 48	III	9.0	7.4	8.5	1,450
LCS-5DNN-FD554			2 x 5 x 54	II	8.0	7.5	7.9	1,455
LCS-5DNN-FD554	5,000	15–88.4	2 x 5 x 54	III	9.0	8.3	8.2	1,485

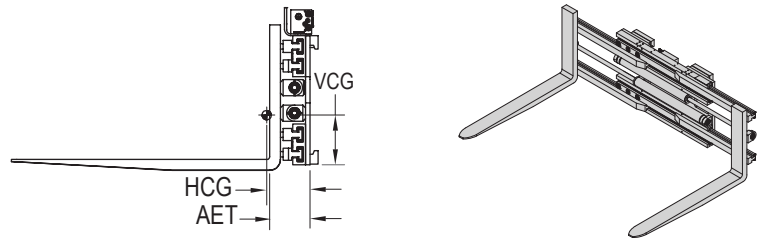
Non-Sideshifting Pallet Fork Clamps, 1 Function

Model Number	Capacity lb @ 24"	Opening Range (in) ¹	Fork Size T x W x L (in)	Mounting Class	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-70NN-FD642	7,000	22.0–86	2 x 6 x 42	III	9.9	6.7	10.1	1,690
LCS-70NN-FD642			2 x 6 x 42	IV		6.6	9.0	1,715
LCS-70NN-FD648			2 x 6 x 48	III		7.8	10.2	1,745
LCS-70NN-FD654	7,000	22.0–86	2 x 6 x 54	IV	9.9	7.6	8.6	1,770
LCS-70NN-FD654			2 x 6 x 54	III		8.8	9.9	1,790
LCS-70NN-FD660			2 x 6 x 60	IV		8.6	8.3	1,815
LCS-70NN-FD660	7,000	15.5–77.4	2 x 6 x 60	III	9.9	9.7	9.7	1,820
LCS-70NN-FD660			2 x 6 x 60	IV		9.5	8.1	1,850
LCS-7CNN-FD642			2 x 6 x 42	III		6.7	10.1	1,690
LCS-7CNN-FD642	7,000	15.5–77.4	2 x 6 x 42	IV	9.9	6.6	9.0	1,715
LCS-7CNN-FD648			2 x 6 x 48	III		7.8	10.2	1,745
LCS-7CNN-FD648			2 x 6 x 48	IV		7.6	8.6	1,770
LCS-7CNN-FD654	7,000	15.5–77.4	2 x 6 x 54	III	9.9	8.8	9.9	1,790
LCS-7CNN-FD654			2 x 6 x 54	IV		8.6	8.3	1,815
LCS-7CNN-FD660			2 x 6 x 60	III		9.7	9.7	1,820
LCS-7CNN-FD660	7,000	15.5–77.4	2 x 6 x 60	IV	9.9	9.5	8.1	1,850
LCS-85NN-FD742			2 x 7 x 42	III		7.0	10.5	1,785
LCS-85NN-FD742			2 x 7 x 42	IV		6.9	8.7	1,810
LCS-85NN-FD748	8,500	20–84	2 x 7 x 48	III	9.9	8.2	10.0	1,855
LCS-85NN-FD748			2 x 7 x 48	IV		8.1	8.3	1,875
LCS-85NN-FD754			2 x 7 x 54	III		9.2	9.7	1,915
LCS-85NN-FD754	8,500	20–84	2 x 7 x 54	IV	9.9	9.1	8.1	1,940
LCS-85NN-FD760			2 x 7 x 60	III		10.1	9.5	1,950
LCS-85NN-FD760			2 x 7 x 60	IV		10.0	8.0	1,975
NSQ-11NN-FF748	11,000	20–86	2.5 x 7 x 48	IV	10.9	8.5	9.4	2,749
NSQ-14NN-FF848	14,000	18–88	2.5 x 8 x 48	IV	13.6	9.0	9.3	2,867

¹ Opening range is to inside of forks.

LCS/NSQ Pallet Fork Clamps

Weld-on forks for maximum strength
Clean, grease-free handling — no lubrication required
High net truck capacity



Sideshifting Pallet Fork Clamps, 2 Functions

Model Number	Capacity lb @ 24"	Opening Range (in) ¹	Fork Size T x W x L (in)	Mounting Class	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25NS-FB536			1.5 x 5 x 36			6.0	8.5	785
LCS-25NS-FB542	2,500	14.0–60.8	1.5 x 5 x 42	II/III	7.0	7.0	8.2	810
LCS-25NS-FB548			1.5 x 5 x 48			8.2	7.8	840
LCS-35NS-FD536			2 x 5 x 36			6.2	8.6	875
LCS-35NS-FD542	3,500	14.0–65.8	2 x 5 x 42	II/III	7.5	7.3	8.2	910
LCS-35NS-FD548			2 x 5 x 48			8.6	7.8	950
LCS-50NS-FD536			2 x 5 x 36			6.1	8.9	905
LCS-50NS-FD542	5,000	17.0–71.4	2 x 5 x 42	II or III	7.5	7.1	8.5	940
LCS-50NS-FD548			2 x 5 x 48			8.3	8.1	980
LCS-50NS-FD554			2 x 5 x 54			9.6	7.8	1,015
LCS-5CNS-FD542			2 x 5 x 42			7.0	8.2	980
LCS-5CNS-FD548	5,000	17.0–78.5	2 x 5 x 48	II or III	7.5	8.2	7.8	1,015
LCS-5CNS-FD554			2 x 5 x 54			9.4	7.5	1,050
LCS-5DNS-FD542			2 x 5 x 42			5.5	9.2	1,420
LCS-5DNS-FD548	5,000	15.0–88.5	2 x 5 x 48	II or III	8.0	6.5	8.9	1,460
LCS-5DNS-FD554			2 x 5 x 54			7.4	8.6	1,495
LCS-70NS-FD642			2 x 6 x 42	III IV		6.5	11.2	1,745
LCS-70NS-FD648			2 x 6 x 48	III IV		6.5	11.2	1,745
LCS-70NS-FD654	7,000	22.0–86	2 x 6 x 54	III IV	9.8	7.6	10.8	1,800
LCS-70NS-FD660			2 x 6 x 60	III IV		8.6	10.5	1,840
LCS-70NS-FD660			2 x 6 x 60	III IV		8.6	10.5	1,840
LCS-70NS-FD660			2 x 6 x 60	III IV		9.5	10.3	1,875
LCS-70NS-FD660			2 x 6 x 60	III IV		9.5	10.3	1,875
LCS-7CNS-FD642			2 x 6 x 42	III IV		6.5	11.2	1,745
LCS-7CNS-FD648			2 x 6 x 48	III IV		6.5	11.2	1,745
LCS-7CNS-FD648	7,000	15.5–77.4	2 x 6 x 48	III IV	9.8	7.6	10.8	1,800
LCS-7CNS-FD654			2 x 6 x 54	III IV		8.6	10.5	1,840
LCS-7CNS-FD654			2 x 6 x 54	III IV		8.6	10.5	1,840
LCS-7CNS-FD660			2 x 6 x 60	III IV		9.5	10.3	1,875
LCS-7CNS-FD660			2 x 6 x 60	III IV		9.5	10.3	1,875
LCS-85NS-FD742			2 x 7 x 42	III IV		6.9	11.0	1,840
LCS-85NS-FD748			2 x 7 x 48	III IV		6.9	11.0	1,840
LCS-85NS-FD748	8,500	20–84	2 x 7 x 48	III IV	9.8	8.1	10.6	1,910
LCS-85NS-FD754			2 x 7 x 54	III IV		8.1	10.6	1,910
LCS-85NS-FD754			2 x 7 x 54	III IV		9.1	10.2	1,970
LCS-85NS-FD760			2 x 7 x 60	III IV		9.1	10.2	1,970
LCS-85NS-FD760			2 x 7 x 60	III IV		10.0	10.0	2,005
LCS-85NS-FD760			2 x 7 x 60	III IV		10.0	10.0	2,005
NSQ-11NS-FF748	11,000	20–86	2.5 x 7 x 48	IV	10.9	8.5	9.1	2,749
NSQ-14NS-FF848	14,000	18–88	2.5 x 8 x 48	IV	13.6	9.0	9.3	2,867

¹ Opening range is to inside of forks.

Minimum Truck Carriage Width

Model Number	Body Width (in)	Minimum Truck Carriage Width (in)
LCS-25/35	36/41	30/35
LCS-50/5C/5D	41/48/62	35/42/39
LCS-70/85 ITA III	50	36
LCS-70/85 ITA IV	50	39.5
NSQ-11/14	52/56	39/36

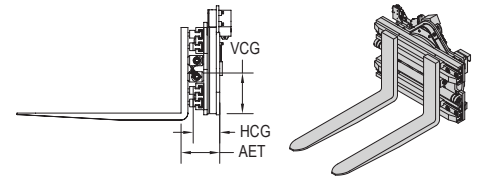
Recommended Hydraulic Supply

Model Number	Flow (gpm)	Max psi
LCS-25 thru LCS-85	7–10	2,500
NSQ-11 thru NSQ-14	9–15	2,250

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.

LCS/NSQ 360° Rotating Pallet Fork Clamps

Weld-on forks for maximum strength
 Clean, grease-free handling — no lubrication required
 High net truck capacity
 Four degree (4°) mounting available



360° Rotating Pallet Fork Clamps, 2 Functions

Model Number	Capacity lb @ 24"	Opening Range (in) ¹	Fork Size T x W x L (in)	Mounting Class	Angle (°)	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25RN-FD536	2,500	14.0–60.8	2 x 5 x 36	II	0	12.8	9.7	8.8	1,210
LCS-25RN-FD542			2 x 5 x 42				10.5	8.8	1,240
LCS-25RN-FD548			2 x 5 x 48				11.3	8.8	1,265
LCS-35RN-FD536	3,500	14.0–65.8	2 x 5 x 36	II	0	12.8	9.7	8.9	1,250
LCS-35RN-FD542			2 x 5 x 42				10.4	8.8	1,280
LCS-35RN-FD548			2 x 5 x 48				11.2	8.7	1,310
LCS-50RN-FD636	5,000	15.0–69.4	2 x 6 x 36	II or III	0	12.8/13.1	10.2/10.0	9.6	1,650
LCS-50RN-FD642			2 x 6 x 42				11.0/10.1	9.5	1,690
LCS-50RN-FD648			2 x 6 x 48				11.9/11.7	9.3	1,730
LCS-50RN-FD654			2 x 6 x 54				12.8/12.6	9.0	1,770
LCS-70RN-FF642	7,000	22.0–86	2.5 x 6 x 42	III	0	16.5	11.6	15.5	2,403
			IV	17.4		11.6	15.5	2,428	
LCS-70RN-FF648			2.5 x 6 x 48	III		16.5	12.4	15.3	2,453
	IV	17.4	12.4	15.3	2,478				
LCS-70RN-FF654			2.5 x 6 x 54	III		16.5	13.4	15.2	2,502
	IV	17.4	13.4	15.2	2,527				
LCS-70RN-FF660			2.5 x 6 x 60	III		16.5	14.4	15.0	2,563
	IV	17.4	14.4	15.0	2,588				
LCS-7CRN-FF642	7,000	15.5–77.4	2.5 x 6 x 42	III	0	16.5	11.6	15.5	2,403
			IV	17.4		11.6	15.5	2,428	
LCS-7CRN-FF648			2.5 x 6 x 48	III		16.5	12.4	15.3	2,453
	IV	17.4	12.4	15.3	2,478				
LCS-7CRN-FF654			2.5 x 6 x 54	III		16.5	13.4	15.2	2,502
	IV	17.4	13.4	15.2	2,527				
LCS-7CRN-FF660			2.5 x 6 x 60	III		16.5	14.4	15.0	2,563
	IV	17.4	14.4	15.0	2,588				
LCS-85RN-FF742	8,500	20–84	2.5 x 7 x 42	III	0	16.5	11.0	15.0	2,599
			IV	17.9		11.0	15.0	2,624	
LCS-85RN-FF748			2.5 x 7 x 48	III		16.5	11.9	14.8	2,649
	IV	17.9	11.9	14.8	2,674				
LCS-85RN-FF754			2.5 x 7 x 54	III		16.5	12.9	14.7	2,700
	IV	17.9	12.9	14.7	2,725				
LCS-85RN-FF760			2.5 x 7 x 60	III		16.5	14.0	14.5	2,754
	IV	17.9	14.0	14.5	2,778				
NSQ-11RN-FH748	11,000	20–86	3 x 7 x 48	IV	0	18.7	9.0	7.6	3,960
NSQ-14RN-FH848	14,000	18–88	3 x 8 x 48	IV	0	19.2	9.9	9.3	4,377

¹ Opening range is to inside of forks.

Minimum Truck Carriage Width

Model Number	Body Width (in)	Minimum Truck Carriage Width (in)
LCS-25RN/35RN	36/41	29
LCS-50RN	41	33
LCS-70/85RN ITA III	50	36
LCS-70/85 ITA IV	50	39.5
NSQ-11/14RN	52/64	39/56

Recommended Hydraulic Supply

Model Number	Flow (gpm)	Max psi
LCS-25RN thru LCS-85RN	12	2,500
NSQ-11/14RN	24	2,250

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