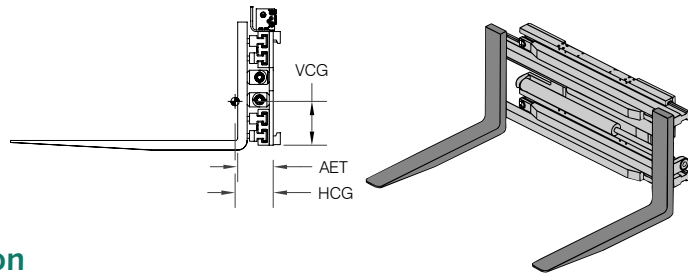


LCS/NSQ Pallet Fork Clamps

- ▶ 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	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	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	III	8.5	8.0	7.9	930
LCS-50NN-FD548	5,000	17-71.4	2 x 5 x 48	II	7.5	8.6	7.3	940
LCS-50NN-FD548			2 x 5 x 48	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-50NN-FD554	5,000	17-78.4	2 x 5 x 54	III	8.5	9.6	7.2	1,005
LCS-5CANN-FD542			2 x 5 x 42	II	7.5	7.1	7.7	950
LCS-5CANN-FD542			2 x 5 x 42	III	8.5	7.8	8.2	980
LCS-5CANN-FD548	5,000	17-78.4	2 x 5 x 48	II	7.5	8.3	7.3	985
LCS-5CANN-FD548			2 x 5 x 48	III	8.5	9.0	7.8	1015
LCS-5CANN-FD554			2 x 5 x 54	II	7.5	9.6	7.0	1,020
LCS-5CANN-FD554	5,000	15-88.4	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

Installation Kits

Model Number	Number of Functions
YHJL-6-S-30	1
YHJL-8-S-30	
YHJL-6-D-30	2
YHJL-8-D-30	

Includes the hoses and fittings to connect a standard attachment to the hose terminal on the lift truck carriage.

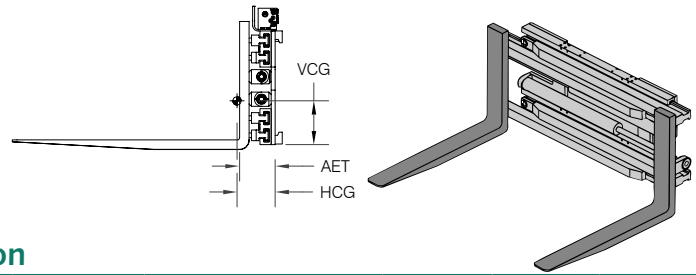
Optional Mounting Hooks

Model Number	Description
Class II	Quick Change Hooks
Class III	Quick Change Hooks
Class IV	Quick Change Hooks
Pin/Shaft Mounting	

For mounting other than shown, consult factory.

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-70NN-FD642	7,000	22-86	2 x 6 x 42	III	9.9	6.7	10.1	1,690
IV				6.6		9.0	1,715	
LCS-70NN-FD648			2 x 6 x 48	III		7.8	10.2	1,745
IV				7.6		8.6	1,770	
LCS-70NN-FD654			2 x 6 x 54	III		8.8	9.9	1,790
IV				8.6		8.3	1,815	
LCS-70NN-FD660	2 x 6 x 60	III	9.7	9.7	1,820			
IV		9.5	8.1	1,850				
LCS-85NN-FD742	8,500	20-84	2 x 7 x 42	III	9.9	7.0	10.5	1,785
IV				6.9		8.7	1,810	
LCS-85NN-FD748			2 x 7 x 48	III		8.2	10.0	1,855
IV				8.1		8.3	1,875	
LCS-85NN-FD754			2 x 7 x 54	III		9.2	9.7	1,915
IV				9.1		8.1	1,940	
LCS-85NN-FD760	2 x 7 x 60	III	10.1	9.5	1,950			
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

! 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
NSQ-11 / 14	52 / 56	39 / 36

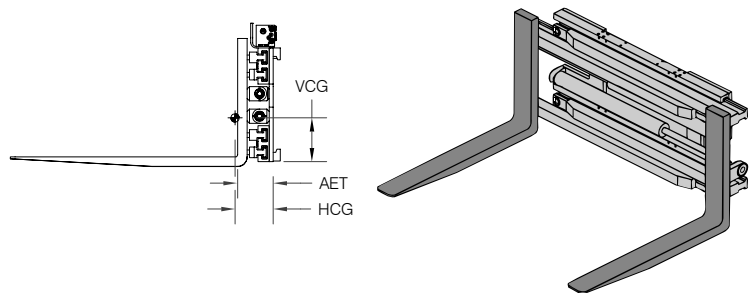
Recommended Hydraulic Supply

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 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	8.6	770
LCS-25NS-FB542	2,500	14.0–60.8	1.5 x 5 x 42	II	7.0	7.0	8.2	800
LCS-25NS-FB548			1.5 x 5 x 48			7.8	8.0	815
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	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	7,000	22–86	2 x 6 x 48	III IV	9.8	7.6	10.8	1,800
LCS-70NS-FD654			2 x 6 x 54	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-85NS-FD742			2 x 7 x 42	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		9.1	10.2	1,970
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
NSQ-11 / 14	52 / 56	39 / 36

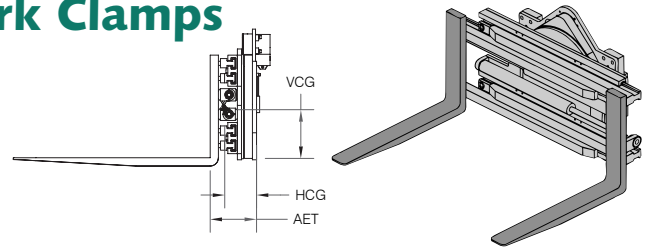
Recommended Hydraulic Supply

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 (°) ²	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25RN-FD536			2 x 5 x 36				9.7	8.8	1,210
LCS-25RN-FD542	2,500	14.0–60.8	2 x 5 x 42	II	0	12.8	10.5	8.8	1,240
LCS-25RN-FD548			2 x 5 x 48				11.3	8.8	1,265
LCS-35RN-FD536			2 x 5 x 36				9.7	8.9	1,250
LCS-35RN-FD542	3,500	14.0–65.8	2 x 5 x 42	II	0	12.8	10.4	8.8	1,280
LCS-35RN-FD548			2 x 5 x 48				11.2	8.7	1,310
LCS-50RN-FD636			2 x 6 x 36				10.2 / 10.0	9.6	1,650
LCS-50RN-FD642	5,000	15.0–69.4	2 x 6 x 42	II or III	0	12.8 / 13.1	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			2.5 x 6 x 42	III		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
	7,000	22–86		IV	0	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-85RN-FF742			2.5 x 7 x 42	III		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
	8,500	20–84		IV	0	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.

² Four degree (4°) mounting available at no charge.

! 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	50	36
NSQ-11 / 14RN	52 / 64	39 / 52

💧 Recommended Hydraulic Supply

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

🔒 Optional Mounting Hooks

	Description
Class II	Quick Change Hooks
Class III	Quick Change Hooks
Class IV	Quick Change Hooks
Class II / III	Dual Bolt-on Hooks
Class II / III	Dual Quick Change Hooks
Class III / IV	Dual Bolt-on Hooks
Class III / IV	Dual Quick Change Hooks

Pin/Shaft Mounting

For mounting other than shown, consult factory.