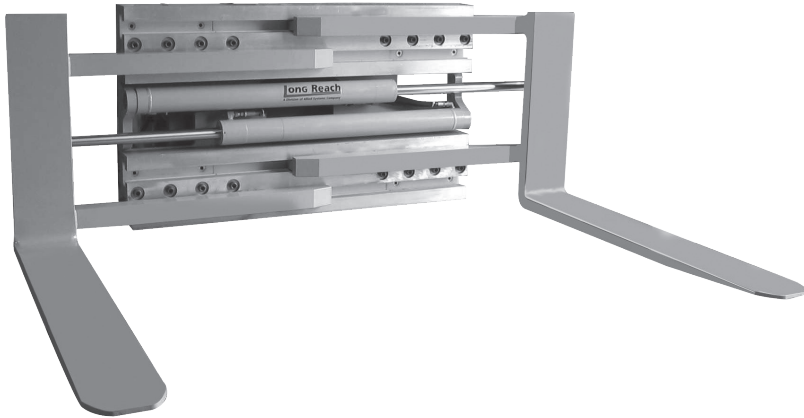


LCS/NSQ Pallet Fork Clamps

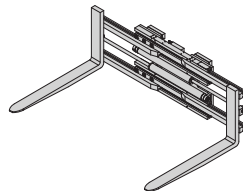
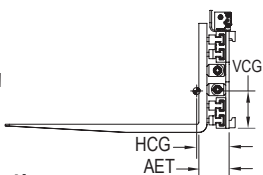


- ♦ Versatile fork positioner with the functionality of a bale clamp
- ♦ Easily pick up a load on a pallet, or clamp or cradle difficult loads, with precise fork positioning for overall handling efficiency.
- ♦ “Repair-N-Place” serviceability means no-lube polymer wear strips can be replaced in just minutes
- ♦ Grease-free handling keeps all loads clean
- ♦ Fast-response hydraulics keep productivity levels high
- ♦ Clamp arms are engineered to suit various applications

See page E-10

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
				III	8.5	7.0	8.3	900
LCS-50NN-FD542			2 x 5 x 42	II	7.5	7.3	7.7	900
	5,000	17–71.4	2 x 5 x 42	III	8.5	8.0	7.9	930
				II	7.5	8.6	7.3	940
LCS-50NN-FD548			2 x 5 x 48	III	8.5	8.3	7.7	970
	5,000	17–71.4	2 x 5 x 48	II	7.5	9.9	7.0	975
				III	8.5	9.6	7.2	1,005
LCS-50NN-FD554			2 x 5 x 54	III	8.5	9.6	7.2	1,005
	5,000	17–78.4	2 x 5 x 42	II	7.5	7.1	7.7	950
				III	8.5	7.8	8.2	980
LCS-5CNN-FD542			2 x 5 x 42	III	8.5	7.8	8.2	980
	5,000	17–78.4	2 x 5 x 48	II	7.5	8.3	7.3	985
				III	8.5	9.0	7.8	1015
LCS-5CNN-FD548			2 x 5 x 48	III	8.5	9.0	7.8	1015
	5,000	17–78.4	2 x 5 x 54	II	7.5	9.6	7.0	1,020
				III	8.5	10.3	7.5	1,050
LCS-5DNN-FD542			2 x 5 x 54	III	8.5	10.3	7.5	1,050
	5,000	15–88.4	2 x 5 x 42	II	8.0	5.7	8.5	1,385
				III	9.0	6.5	8.7	1,415
LCS-5DNN-FD548			2 x 5 x 42	III	9.0	6.5	8.7	1,415
	5,000	15–88.4	2 x 5 x 48	II	8.0	6.6	8.2	1,420
				III	9.0	7.4	8.5	1,450
LCS-5DNN-FD554			2 x 5 x 48	III	9.0	7.4	8.5	1,450
	5,000	15–88.4	2 x 5 x 54	II	8.0	7.5	7.9	1,455
				III	9.0	8.3	8.2	1,485
LCS-5DNN-FD554			2 x 5 x 54	III	9.0	8.3	8.2	1,485

¹ Opening range is to inside of forks.

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 to connect a standard attachment to the hose terminal on the lift truck carriage.

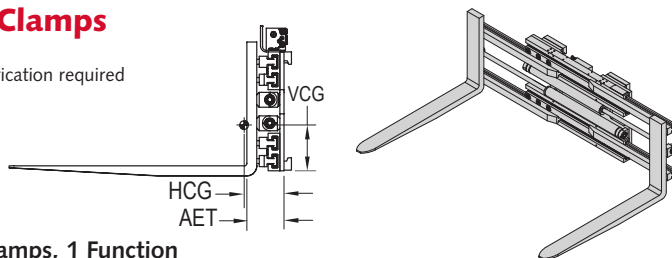
Optional Mounting Hooks

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	22.0–86	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-7CNN-FD642	7,000	15.5–77.4	2 x 6 x 42	III	9.9	6.7	10.1	1,690
				IV		6.6	9.0	1,715
LCS-7CNN-FD648			2 x 6 x 48	III		7.8	10.2	1,745
				IV		7.6	8.6	1,770
LCS-7CNN-FD654			2 x 6 x 54	III		8.8	9.9	1,790
				IV		8.6	8.3	1,815
LCS-7CNN-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

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

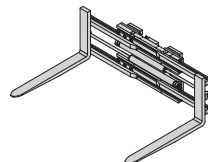
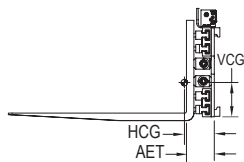
💧 Recommended Hydraulic Supply

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 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	2,500	14.0–60.8	1.5 x 5 x 36	II/III	7.0	6.0	8.5	785
LCS-25NS-FB542			1.5 x 5 x 42			7.0	8.2	810
LCS-25NS-FB548			1.5 x 5 x 48			8.2	7.8	840
LCS-35NS-FD536	3,500	14.0–65.8	2 x 5 x 36	II/III	7.5	6.2	8.6	875
LCS-35NS-FD542			2 x 5 x 42			7.3	8.2	910
LCS-35NS-FD548			2 x 5 x 48			8.6	7.8	950
LCS-50NS-FD536	5,000	17.0–71.4	2 x 5 x 36	II or III	7.5	6.1	8.9	905
LCS-50NS-FD542			2 x 5 x 42			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	5,000	17.0–78.5	2 x 5 x 42	II or III	7.5	7.0	8.2	980
LCS-5CNS-FD548			2 x 5 x 48			8.2	7.8	1,015
LCS-5CNS-FD554			2 x 5 x 54			9.4	7.5	1,050
LCS-5DNS-FD542	5,000	15.0–88.5	2 x 5 x 42	II or III	8.0	5.5	9.2	1,420
LCS-5DNS-FD548			2 x 5 x 48			6.5	8.9	1,460
LCS-5DNS-FD554			2 x 5 x 54			7.4	8.6	1,495
LCS-70NS-FD642	7,000	22.0–86	2 x 6 x 42	III	9.8	6.5	11.2	1,745
				IV		6.5	11.2	1,745
LCS-70NS-FD648			2 x 6 x 48	III		7.6	10.8	1,800
				IV		7.6	10.8	1,800
LCS-70NS-FD654			2 x 6 x 54	III		8.6	10.5	1,840
				IV		8.6	10.5	1,840
LCS-70NS-FD660			2 x 6 x 60	III		9.5	10.3	1,875
				IV		9.5	10.3	1,875
LCS-7CNS-FD642	7,000	15.5–77.4	2 x 6 x 42	III	9.8	6.5	11.2	1,745
				IV		6.5	11.2	1,745
LCS-7CNS-FD648			2 x 6 x 48	III		7.6	10.8	1,800
				IV		7.6	10.8	1,800
LCS-7CNS-FD654			2 x 6 x 54	III		8.6	10.5	1,840
				IV		8.6	10.5	1,840
LCS-7CNS-FD660			2 x 6 x 60	III		9.5	10.3	1,875
				IV		9.5	10.3	1,875
LCS-85NS-FD742	8,500	20–84	2 x 7 x 42	III	9.8	6.9	11.0	1,840
				IV		6.9	11.0	1,840
LCS-85NS-FD748			2 x 7 x 48	III		8.1	10.6	1,910
				IV		8.1	10.6	1,910
LCS-85NS-FD754			2 x 7 x 54	III		9.1	10.2	1,970
				IV		9.1	10.2	1,970
LCS-85NS-FD760			2 x 7 x 60	III		10.0	10.0	2,005
				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.

Note: See page E-11 for recommended hydraulic supply and minimum truck carriage width.