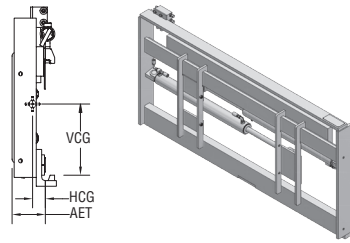


# Heavy-Duty Fork Positioners

## With No-Weld Fork Installation

- Fork carriers included for no-weld installation.
- Uses standard ITA forks (not included)
- Sideshifting models have bronze top slides and steel heel rollers
- Fully plumbed and ported. Pressure relief valve and flow divider



## Non-Sideshifting Fork Positioners, 1 Function

Model Number	Capacity lb @ 24"	Mounting Class	Overall Width (in)	Fork Spread ITO (in) <sup>1</sup>	Max. Fork Width <sup>2</sup>	Min. Truck Carriage Width (in)	Total Sideshift (in)	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
FLNB055A325	5,500	II	32.5	2.1-29	5	22	N/A	2.75	1.5	10.4	230
FLNB055A385			38.5	2.1-35		27				10.6	280
FLNB055A425			42.5	2.1-39		27				10.1	295
FLNB055A505			50.5	2.1-47		27				10.1	340
FLNB100B425	10,000	III	42.5	2.1-39	6	30	N/A	2.5	1.4	12.3	335
FLNB100B505			50.5	2.1-47		30				12.4	385
FLNB100B625			62.5	2.1-59		40				12.2	450
FLND120C425	12,000	IV	42.5	2.1-39	6	32	N/A	3.5	1.8	15.0	565
FLND120C505			50.5	2.1-47						14.9	635
FLND120C625			62.5	2.1-59						14.1	795
FLND150C425			42.5	2.1-39						15.0	565
FLND150C505			50.5	2.1-47						14.9	635
FLND150C625			62.5	2.1-59						14.1	795

## Sideshifting Fork Positioners, 2 Functions

FLSE055A385	5,500	II	38.5	2.1-35	5	36	8.0	3.25	1.7	10.4	315	
FLSE055A425			42.5	2.1-39						10.3	330	
FLSE055A505			50.5	2.1-47						10.4	370	
FLSE100B425	10,000	III	42.5	2.1-39	6	38	8.0	3.25	1.8	1.7	12.9	355
FLSE100B505			50.5	2.1-47						13.0	405	
FLSE100B625			62.5	2.1-59						12.9	445	
FLSE120C445	12,000	IV	44.5	2.1-41	6	44	8.0	3.75	1.7	1.9	15.6	600
FLSE120C505			50.5	2.1-47		48	10.0			1.8	15.8	665
FLSE120C625			62.5	2.1-59		1.9	16.0			755		
FLSE120C785			78.5	2.1-75		60	10.0			1.7	15.7	920
FLSE150C445			44.5	2.1-41		44	8.0			1.9	15.6	600
FLSE150C505	15,000	IV	50.5	2.1-47	6	48	10.0	1.8	1.8	1.8	15.8	665
FLSE150C625			62.5	2.1-59		1.9	16.0			755		
FLSE150C785			78.5	2.1-75		60	10.0			1.7	15.7	920

<sup>1</sup> Minimum fork spread range is to inside of forks. Maximum fork spread range is to outside of forks.

<sup>2</sup> Fork carriers designed for maximum fork width shown. Standard units include installation hardware for narrower forks. Consult factory for other fork width requirements.

Note: Right hand termination unless otherwise specified.

Note: Shaded items are usually in stock.

## Load Backrest: ITA Class II, III, IV

Model Number	ITA Class	Fork Pos. Width	Backrest Height	Wt
Y23LBR36-32.50	II	32.5	36	60
Y23LBR48-32.50	II	32.5	48	75
Y23LBR60-32.50	II	32.5	60	85
Y23LBR36-38.50	II	38.5	36	60
Y23LBR48-38.50	II	38.5	48	80
Y23LBR60-38.50	II	38.5	60	95
Y23LBR36-42.50	II or III	42.5	36	65
Y23LBR48-42.50	II or III	42.5	48	85
Y23LBR60-42.50	II or III	42.5	60	105
Y23LBR36-50.50	II or III	50.5	36	75
Y23LBR48-50.50	II or III	50.5	48	95
Y23LBR60-50.50	II or III	50.5	60	115
Y23LBR36-62.50	III	62.5	36	80
Y23LBR48-62.50	III	62.5	48	105
Y23LBR60-62.50	III	62.5	60	130
Y4LBR48-42.50	IV	42.5	48	115
Y4LBR60-42.50	IV	42.5	60	140
Y4LBR48-50.50	IV	50.5	48	130
Y4LBR60-50.50	IV	50.5	60	165
Y4LBR48-62.50	IV	62.5	48	145
Y4LBR60-62.50	IV	62.5	60	190
Y4LBR48-78.50	IV	78.5	48	165

## Important Notes

1. Fork positioners are NOT intended to be used as clamps. See Section E Lateral Clamps for fork clamps.
2. Forks are NOT to be positioned while bearing a load.
3. Consult factory for models for extended load center applications.
4. Standard ITA II and III units are designed to accept forks up to 72" long. Standard ITA IV units accept forks up to 96" long.
5. Specify fork width and length when ordering.
6. Shaded items are usually in stock.
7. Replacement forks are available; see pages K-2 through K-5 for standard and specialty forks.

## Recommended Hydraulic Supply

Model Number	Min	Max	Rec – Max psi
5,500/Class II	3.2	4.1	2,200–3,000
10,000/Class III	2.9	6.4	2,200–3,000
12,000-15,000/Class IV	4.0	12.0	2,200–3,000

Hydraulic flow less than minimum will reduce operating speed and cause irregular arm movement. Higher flows may result in heat build up, erratic operation and damage to the unit. Consult factory for recommended flow control valve and available tank line kits.

## Optional Features

Description
Independent fork movement (Adds 1 hydraulic function)
Sequence valve
Solenoid valve (specify voltage)

## Installation Kits

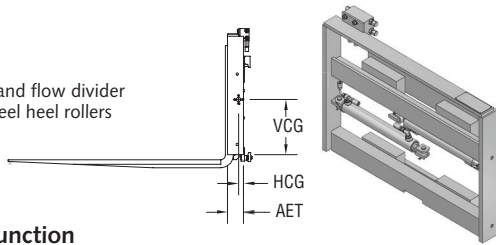
Model Number	Number of Functions
YHJL-4-S-22	1
YHJL-6-S-30	
YHJL-4-D-30	
YHJL-6-D-30	2
YHJL-8-D-30	

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

# Heavy-Duty Fork Positioners

## Weld-On Fork Installation

- Superior, full carriage fork movement
- Uses standard ITA forks (not included)
- Fully plumbed and ported. Pressure relief valve and flow divider
- Sideshifting models use bronze top slides and steel heel rollers



## Non-Sideshifting Fork Positioners, 1 Function

Model Number	Capacity lb @ 24"	Mounting Class	Overall Width (in)	Fork Spread ITO (in) <sup>1</sup>	Min. Truck Carriage Width (in)	Total Side-shift (in)	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
FLNC055A325	5,500	II	32.5	0-30	22	N/A	2.75	1.4	10.3	220
FLNC055A385			38.5	0-36	27			1.3	10.2	255
FLNC055A425			42.5	0-40	27			1.3	10.1	275
FLNC055A505			50.5	0-48	33			1.4	10.0	320
FLNC100B425	10,000	III	42.5	0-40	28	N/A	2.5		12.4	305
FLNC100B505			50.5	0-48	32			1.3	12.5	355
FLNC100B625			62.5	0-60	40				12.3	420
FLNC150C425			42.5	0-40	32			1.6	14.0	530
FLNC150C505	15,000	IV	50.5	0-48	38	N/A	3.5	1.7	14.8	600
FLNC150C625			62.5	0-60	38			1.7	14.2	755

## Sideshifting Fork Positioners, 2 Functions

FLSF055A385	5,500	II	38.5	0-36	36	8.0	3.3			295
FLSF055A425			42.5	0-40	36			1.6	10.4	310
FLSF055A505			50.5	0-48	36					350
FLSF100B425	10,000	III	42.5	0-40	38	8.0	3.3	1.6	12.9	325
FLSF100B505			50.5	0-48	38			1.7	13.0	360
FLSF100B625			62.5	0-60	38			1.7	12.9	410
FLSF150C425			42.5	0-40	48			1.7	15.9	530
FLSF150C505	15,000	IV	50.5	0-48	48	10.0	3.2	1.9	15.8	625
FLSF150C625			62.5	0-60	48			2.0	16.0	715

<sup>1</sup> Minimum fork spread range is to inside of forks. Maximum fork spread range is to outside of forks.

Note: Replacement forks are available; see pages K-2 through K-5 for standard and specialty forks.

## Installation Kits

Model Number	Number of Functions
YHJL-4-S-22	1
YHJL-6-S-30	
YHJL-4-D-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.

## Load Backrest: ITA Class II, III, IV

Model Number	ITA Class	Fork Pos. Width	Backrest Height	Wt
Sideshifting for LFP models				
Y23LBR48-32.50	II	32.5	36	60
Y23LBR60-32.50	II	32.5	60	85
Y23LBR36-38.50	II	38.5	36	60
Y23LBR48-38.50	II	38.5	48	80
Y23LBR60-38.50	II	38.5	60	95
Y23LBR36-42.50	II or III	42.5	36	65
Y23LBR48-42.50	II or III	42.5	48	85
Y23LBR60-42.50	II or III	42.5	60	105
Y23LBR36-50.50	II or III	50.5	36	75
Y23LBR48-50.50	II or III	50.5	48	95
Y23LBR60-50.50	II or III	50.5	60	115
Y23LBR36-62.50	III	62.5	36	80
Y23LBR48-62.50	III	62.5	48	105
Y23LBR60-62.50	III	62.5	60	130
Y4LBR48-42.50	IV	42.5	48	115
Y4LBR60-42.50	IV	42.5	60	140
Y4LBR48-50.50	IV	50.5	48	130
Y4LBR60-50.50	IV	50.5	60	165
Y4LBR48-62.50	IV	62.5	48	145
Y4LBR60-62.50	IV	62.5	60	190

## Important Notes

- Fork positioners are NOT intended to be used as clamps. See Section E Lateral Clamps for fork clamps.
- Forks are NOT to be positioned while bearing a load.
- Consult factory for models for extended load center applications.
- Standard ITA II and III units are designed to accept forks up to 72" long. Standard ITA IV units accept forks up to 96" long.
- Fork cylinder anchors require welding.
- Specify fork width and length when ordering.
- Shaded items are usually in stock.
- Replacement forks are available; see pages K-2 through K-5 for standard and specialty forks.

## Recommended Hydraulic Supply

Model Number	Min	Max	Rec – Max psi
5,500/Class II	3.2	4.1	2,200–3,000
10,000/Class III	2.9	6.4	2,200–3,000
15,000/Class IV	4.0	12.0	2,200–3,000

Hydraulic flow less than minimum will reduce operating speed and cause irregular arm movement. Higher flows may result in heat build up, erratic operation and damage to the unit. Consult factory for recommended flow control valve and available tank line kits.

## Optional Features

Description
Independent fork movement for FL models (Adds 1 hydraulic function)
Sequence valve for FL models
Solenoid valve for FL models (specify voltage)
Sideshifting for LFP models

## Minimum Truck Carriage Width

Model Number	Body Width (in)	Minimum Truck Carriage Width (in)
LFP-35	36	30
LFP-45/55/70	41	35
LFP-7D	62	39
LFP-85 ITA III	50	35
LFP-85 ITA IV	50	42
LFP-10	62	42
LFP-15	56	36