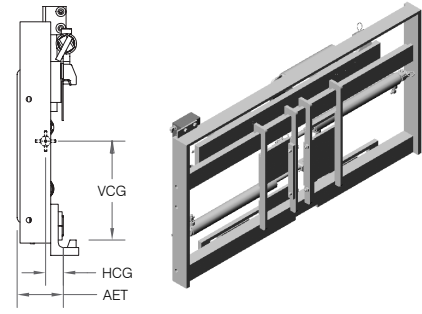


# Heavy-Duty Fork Positioners

## 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>	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	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	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	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	15,000		50.5	2.1-47			1.8	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	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	38	8.0	3.25	1.7	12.9	355
FLSE100B505			50.5	2.1-47				1.8	13.0	405
FLSE100B625			62.5	2.1-59				12.9	445	
FLSE120C445	12,000	IV	44.5	2.1-41	44	8.0	3.75	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	48	10.0		1.9	16.0	755
FLSE150C445			44.5	2.1-41	44	8.0		1.9	15.6	600
FLSE150C505	15,000		50.5	2.1-47	48	10.0		1.8	15.8	665
FLSE150C625			62.5	2.1-59				1.9	16.0	755

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

Notes: Shaded items are usually in stock.

Note: Right hand termination unless otherwise specified.

## Load Backrest: ITA Class II, III

Model Number	ITA Class	Fork Pos. Width	Back-rest 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

## Load Backrest: ITA Class III, IV

Model Number	ITA Class	Fork Pos. Width	Back-rest Height	Wt
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

1. Fork positioners are NOT intended to be used as clamps.
2. Forks are NOT to be positioned while bearing a load.
3. Call for models for extended load center applications.
4. If forks are greater than 72" usable length, consult factory.
5. Fork cylinder anchors require welding.
6. Specify fork width and length when ordering.

## 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.

## Installation Kits

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

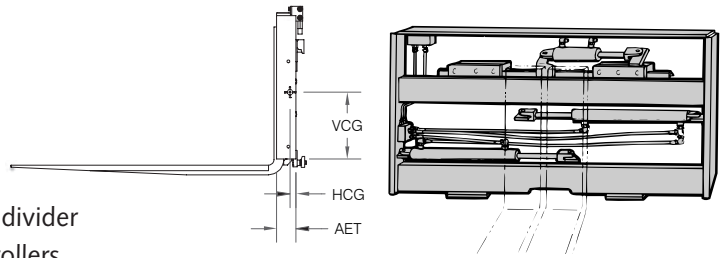
## Optional Features

Description
Independent fork movement (Adds 1 hydraulic function)
Sequence Valve
Solenoid Valve

# Heavy-Duty Fork Positioners

## Weld-On Fork Installation

- ▶ Any width available—including jump sizes
- ▶ 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	15,000	IV	42.5	0-40	32	N/A	3.5	1.6	14.0	530
FLNC150C505			50.5	0-48	38			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	1.6	10.4	295
FLSF055A425			42.5	0-40	36					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	15,000	IV	42.5	0-40	48	10.0	3.2	1.7	15.9	530
FLSF150C505			50.5	0-48	48			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.

## Important Notes

1. Fork positioners are NOT intended to be used as clamps.
2. Forks are NOT to be positioned while bearing a load.
3. Call for models for extended load center applications.
4. If forks are greater than 72" usable length, consult factory.
5. Fork cylinder anchors require welding.
6. Specify fork width and length when ordering.

## 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	

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

Model Number	ITA Class	Fork Pos. Width	Back-rest 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

## Recommended Hydraulic Supply

Model Number	Min	Max	Rec - Max psi
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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