

YALE TECHNICAL DATA SHEETS

GC120VXPRS

ROLL CLAMP CAPACITY IN POUNDS EQUIPPED WITH 42 INCH CARRIAGE

	MFH (IN)	CAPACITY @ MFH		CAPACITY @ MFH		
		CASCADE	CASCADE	CASCADE	CASCADE	CASCADE
		90F-RCP-01C	90F-RCS-21C	100F-RCP-01C	120F-RCP-01C	100F-RCS-21C
2 STAGELFL	185.0	9000	9000	9500	9100	9050
6 DEG	204.7	9000	9000	9350	8950	8850
BACKTILT	228.3	9000	9000	9050	8700	8600
STD TREAD	252.0	9000	9000	8750	8400	8300
	271.7	9000	9000	6300	5950	5950
2 STAGE FFL	182.1	9000	9000	9400	9000	8950
6 DEG	193.9	9000	9000	9400	9000	8950
STD TREAD	205.7	9000	9000	9300	8900	8800
	225.4	9000	9000	9000	8600	8550
3 STAGE FFL	163.2	9000	9000	9550	9150	9100
185.0	185.0	9000	9000	9500	9100	9050
6 DEG	196.9	9000	9000	9450	9050	8950
BACKTILT	208.7	9000	9000	9300	8900	8800
WIDE TREAD	220.5	9000	9000	9100	8700	8650
	244.1	8900	8750	8700	8300	8250

RELEASE VERSION V9.01 BETA

Wide Tread listed for Lift Heights where capacity or mast physical limitations are dependent on Tread Width

Maximum capacity and Lift Height at Maximum capacity with sidershifter may be influenced by channel overlap and dynamic loading factors.

Contact Applications Engineering if you have questions about the information above, or about a specific truck configuration.

YALE TECHNICAL DATA SHEETS

GC080VX

CAPACITY IN POUNDS @ 24 INCH LOAD CENTER
EQUIPPED WITH 42 INCH FORKS

	CAPACITY @ MFH					LIFT HEIGHT AT MAXIMUM CAPACITY					
	WITH			WITH		WITH			WITH		
	MFH	CARRIAGES		INTEGRAL SIDESHIFTS		MFH	CARRIAGES		MFH	INTEGRAL SIDESHIFTS	
	(IN)	42" WIDE	48" WIDE	42" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE
2 STAGE LFL 6 DEG BACKTILT STD TREAD	143.7	8600	-----	8300	8300	143.7	8600	-----	143.7	8300	8300
	171.3	8550	-----	8250	8250	171.3	8550	-----	171.3	8250	8250
	187.0	8400	-----	8150	8100	187.0	8500	-----	175.2	8250	8200
	198.8	8250	-----	8000	7950	198.8	8500	-----	175.2	8200	8200
	210.6	8050	-----	7850	7800	210.6	8450	-----	175.2	8200	8150
	222.4	7850	-----	7650	7600	222.4	8450	-----	175.2	8150	8150
	238.2	7600	-----	7400	7400	238.2	8400	-----	175.2	8100	8100
2 STAGE FFL 6 DEG BACKTILT STD TREAD	172.2	8250	-----	8000	7950	172.2	8250	-----	172.2	8000	7950
	184.1	8150	-----	7850	7900	184.1	8250	-----	172.2	7950	7950
	195.9	8000	-----	7750	7700	195.9	8200	-----	172.2	7950	7950
	211.6	7800	-----	7550	7550	211.6	8200	-----	172.2	7950	7900
	223.4	7650	-----	7400	7350	223.4	8150	-----	172.2	7900	7900
		235.2	7450	-----	7200	7200	235.2	8150	-----	172.2	7900
3 STAGE FFL 6 DEG BACK WIDE TREAD	173.8	8000	8000	-----	7650	173.8	8000	8000	173.8	-----	7650
	185.6	7900	7900	-----	7550	185.6	8000	8000	173.8	-----	7650
	194.9	7800	7800	-----	7450	194.9	8000	8000	173.8	-----	7650
	206.7	7650	7650	-----	7350	206.7	8000	7950	173.8	-----	7600
	218.5	7500	7500	-----	7200	218.5	7950	7950	173.8	-----	7600
3 STAGE FFL 5 DEG BACK WIDE TREAD	236.2	7300	7250	-----	6950	236.2	7950	7950	173.8	-----	7600
	259.8	6900	6900	-----	6600	259.8	7900	7900	173.8	-----	7550
	277.6	6100	6100	-----	6250	277.6	7850	7850	173.8	-----	7500

RELEASE VERSION V9.01 BETA

Wide Tread listed for Lift Heights where capacity or mast physical limitations are dependent on Tread Width

Maximum capacity and Lift Height at Maximum capacity with sideshifter may be influenced by channel overlap and dynamic loading factors.

Contact Applications Engineering if you have questions about the information above, or about a specific truck configuration.

*High lift masts are masts which because of their type or lift height, require capacity reduction and/or back tilt restrictions. In the case of this model, any fork height greater than 175.2" (4450 mm) is a high lift.

YALE TECHNICAL DATA SHEETS

GC080VXBCS

CAPACITY IN POUNDS @ 24 INCH LOAD CENTER
EQUIPPED WITH 42 INCH FORKS

	CAPACITY @ MFH					LIFT HEIGHT AT MAXIMUM CAPACITY					
	WITH			WITH		WITH			WITH		
	MFH	CARRIAGES		INTEGRAL SIDESHIFTS		MFH	CARRIAGES		MFH	INTEGRAL SIDESHIFTS	
	(IN)	42" WIDE	48" WIDE	42" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE
2 STAGE LFL 6 DEG BACKTILT STD TREAD	143.7	8350	-----	8050	8050	143.7	8350	-----	143.7	8050	8050
	171.3	8300	-----	8000	8000	171.3	8300	-----	171.3	8000	8000
	187.0	8150	-----	7900	7900	187.0	8250	-----	175.2	8000	7950
	198.8	8000	-----	7750	7750	198.8	8250	-----	175.2	7950	7950
	210.6	7850	-----	7600	7600	210.6	8200	-----	175.2	7950	7950
	222.4	7600	-----	7450	7450	222.4	7600	-----	175.2	7900	7900
	238.2	7350	-----	7200	7150	238.2	7350	-----	175.2	7200	7150
2 STAGE FFL 6 DEG BACKTILT STD TREAD	172.2	8050	-----	7800	7800	172.2	8050	-----	172.2	7800	7800
	184.1	7950	-----	7700	7700	184.1	8050	-----	172.2	7800	7750
	195.9	7800	-----	7550	7550	195.9	8000	-----	172.2	7750	7750
	211.6	7600	-----	7400	7350	211.6	7600	-----	172.2	7400	7700
	223.4	7450	-----	7250	7200	223.4	7450	-----	172.2	7250	7200
	235.2	7250	-----	7050	7000	235.2	7250	-----	172.2	7050	7000
3 STAGE FFL 6 DEG BACK WIDE TREAD	173.8	8000	7950	-----	7650	173.8	8000	7950	173.8	-----	7650
	185.6	7900	7850	-----	7550	185.6	7950	7950	173.8	-----	7600
	194.9	7800	7750	-----	7450	194.9	7950	7950	173.8	-----	7600
	206.7	7650	7650	-----	7300	206.7	7950	7900	173.8	-----	7600
	218.5	7500	7500	-----	7150	218.5	7950	7900	173.8	-----	7550
3 STAGE FFL 5 DEG BACK WIDE TREAD	236.2	7250	7250	-----	6950	236.2	7250	7250	173.8	-----	6950
	259.8	6950	6950	-----	6650	259.8	6950	6950	173.8	-----	6650
	277.6	6650	6650	-----	6400	277.6	6650	6650	173.8	-----	6400

RELEASE VERSION V9.01 BETA

Wide Tread listed for Lift Heights where capacity or mast physical limitations are dependent on Tread Width

Maximum capacity and Lift Height at Maximum capacity with sideshifter may be influenced by channel overlap and dynamic loading factors.

Contact Applications Engineering if you have questions about the information above, or about a specific truck configuration.

*High lift masts are masts which because of their type or lift height, require capacity reduction and/or back tilt restrictions. In the case of this model, any fork height greater than 175.2" (4450 mm) is a high lift.

YALE TECHNICAL DATA SHEETS

GC100VX

CAPACITY IN POUNDS @ 24 INCH LOAD CENTER
EQUIPPED WITH 42 INCH FORKS

	MFH (IN)	CAPACITY @ MFH			LIFT HEIGHT AT MAXIMUM CAPACITY				
		CARRIAGE		SIDESHIFT	MFH	CARRIAGE		MFH	SIDESHIFT
		42" WIDE	48" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE	(IN)	48" WIDE
2 STAGE LFL 6 DEG BACKTILT STD TREAD	110.2	10650	-----	10550	110.2	10650	-----	110.2	10550
	133.9	10650	-----	10500	133.9	10650	-----	133.9	10500
	157.5	10650	-----	10450	157.5	10650	-----	157.5	10450
	185.0	10650	-----	10400	185.0	10650	-----	185.0	10400
	204.7	10400	-----	10150	204.7	10650	-----	185.0	10350
	228.3	10100	-----	9850	228.3	10650	-----	185.0	10300
	252.0	9800	-----	9450	252.0	10650	-----	185.0	10250
	271.7	7450	-----	7600	271.7	10650	-----	185.0	10250
2 STAGE FFL 6 DEG BACKTILT STD TREAD	111.2	10400	-----	10200	111.2	10400	-----	111.2	10200
	134.8	10400	-----	10200	134.8	10400	-----	134.8	10200
	158.5	10400	-----	10200	158.5	10400	-----	158.5	10200
	182.1	10400	-----	10200	182.1	10400	-----	182.1	10200
	193.9	10250	-----	10050	182.1	10400	-----	182.1	10150
	205.7	10150	-----	9900	182.1	10400	-----	182.1	10150
	225.4	9900	-----	9650	182.1	10400	-----	182.1	10100
3-STAGE FFL 6 DEG BACKTILT WIDE TREAD	163.2	10000	10000	9700	163.2	10000	10000	163.2	9700
	185.0	10000	10000	9650	185.0	10000	10000	185.0	9650
	196.9	9850	9850	9650	185.0	10000	10000	185.0	9650
	208.7	9750	9750	9400	185.0	10000	10000	185.0	9650
	220.5	9600	9600	9400	185.0	10000	10000	185.0	9650
3 STAGE FFL 5 DEG WIDE TREAD	244.1	9300	9300	8900	185.0	10000	10000	185.0	9550
	255.9	9150	9150	8750	185.0	10000	10000	185.0	9550
	276.6	8750	8700	8400	185.0	10000	10000	185.0	9500

RELEASE VERSION V9.01 BETA

Wide Tread listed for Lift Heights where capacity or mast physical limitations are dependent on Tread Width

Maximum capacity and Lift Height at Maximum capacity with sidershifter may be influenced by channel overlap and dynamic loading factors.

Contact Applications Engineering if you have questions about the information above, or about a specific truck configuration.

*High lift masts are masts which because of their type or lift height, require capacity reduction and/or back tilt restrictions. In the case of this model, any fork height greater than 185" (4700 mm) is a high lift.

YALE TECHNICAL DATA SHEETS

GC120SVX

CAPACITY IN POUNDS @ 24 INCH LOAD CENTER
EQUIPPED WITH 42 INCH FORKS

	MFH (IN)	CAPACITY @ MFH			LIFT HEIGHT AT MAXIMUM CAPACITY				
		CARRIAGE		SIDESHIFT	MFH	CARRIAGE		MFH	SIDESHIFT
		42" WIDE	48" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE	(IN)	48" WIDE
2 STAGE LFL 6 DEG BACKTILT STD TREAD	110.2	12000	-----	11700	110.2	12000	-----	110.2	11700
	133.9	12000	-----	11650	133.9	12000	-----	133.9	11650
	157.5	12000	-----	11600	157.5	12000	-----	157.5	11600
	185.0	12000	-----	11550	185.0	12000	-----	185.0	11550
	204.7	11750	-----	11350	204.7	12000	-----	185.0	11550
	228.3	11450	-----	11000	228.3	11950	-----	185.0	11500
	252.0	10300	-----	10600	252.0	11900	-----	185.0	11450
271.7	7200	-----	7400	271.7	11900	-----	185.0	11400	
2 STAGE FFL 6 DEG BACKTILT STD TREAD	111.2	12000	-----	11700	111.2	12000	-----	111.2	11700
	134.8	12000	-----	11650	134.8	12000	-----	134.8	11650
	158.5	12000	-----	11600	158.5	12000	-----	158.5	11600
	182.1	12000	-----	11600	182.1	12000	-----	182.1	11600
	193.9	11850	-----	11450	182.1	12000	-----	182.1	11550
	205.7	11700	-----	11300	182.1	12000	-----	182.1	11550
225.4	11400	-----	11000	182.1	12000	-----	182.1	11500	
3 STAGE FFL 6 DEG BACKTILT WIDE TREAD	163.2	12000	12000	11450	163.2	12000	12000	163.2	11450
	185.0	12000	12000	11400	185.0	12000	12000	185.0	11400
	196.9	11850	11850	11300	185.0	12000	12000	185.0	11400
	208.7	11700	11700	11150	185.0	12000	12000	185.0	11400
	220.5	11550	11500	10950	185.0	12000	12000	185.0	11350
3 STAGE FFL 5 DEG BACK WIDE TREAD	244.1	11050	11000	10600	185.0	11950	11950	185.0	11300
	255.9	10850	10800	10350	185.0	11950	11950	185.0	11300
	276.6	9500	9450	9800	185.0	11900	11900	185.0	11250

RELEASE VERSION V9.01 BETA

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YALE TECHNICAL DATA SHEETS

GC120VX

CAPACITY IN POUNDS @ 24 INCH LOAD CENTER
EQUIPPED WITH 42 INCH FORKS

	MFH (IN)	CAPACITY @ MFH			LIFT HEIGHT AT MAXIMUM CAPACITY				
		CARRIAGE		SIDESHIFT	MFH	CARRIAGE		MFH	SIDESHIFT
		42" WIDE	48" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE	(IN)	48" WIDE
2 STAGE LFL 6 DEG BACKTILT STD TREAD	110.2	12000	-----	12000	110.2	12000	-----	110.2	12000
	133.9	12000	-----	12000	133.9	12000	-----	133.9	12000
	157.5	12000	-----	12000	157.5	12000	-----	157.5	12000
	185.0	12000	-----	11950	185.0	12000	-----	185.0	11950
	204.7	11750	-----	11700	204.7	12000	-----	185.0	11900
	228.3	11450	-----	11350	228.3	12000	-----	185.0	11850
	252.0	9750	-----	9950	252.0	12000	-----	185.0	11800
271.7	6400	-----	6550	271.7	12000	-----	185.0	11750	
2 STAGE FFL 6 DEG BACKTILT STD TREAD	111.2	12000	-----	11700	111.2	12000	-----	111.2	11700
	134.8	12000	-----	11700	134.8	12000	-----	134.8	11700
	158.5	12000	-----	11650	158.5	12000	-----	158.5	11650
	182.1	12000	-----	11600	182.1	12000	-----	182.1	11600
	193.9	11850	-----	11500	182.1	12000	-----	182.1	11600
	205.7	11700	-----	11350	182.1	12000	-----	182.1	11550
225.4	11450	-----	11050	182.1	12000	-----	182.1	11550	
3 STAGE FFL 6 DEG BACKTILT WIDE TREAD	163.2	12000	12000	11500	163.2	12000	12000	163.2	11500
	185.0	12000	12000	11500	185.0	12000	12000	185.0	11500
	196.9	11850	11850	11350	185.0	12000	12000	185.0	11450
	208.7	11700	11700	11200	185.0	12000	12000	185.0	11450
	220.5	11550	11550	11050	185.0	12000	12000	185.0	11400
3 STAGE FFL 5 DEG BACK WIDE TREAD	244.1	11250	11250	10650	185.0	12000	12000	185.0	11350
	255.9	11050	11050	10500	185.0	12000	12000	185.0	11350
	276.6	9100	9050	9250	185.0	11950	11950	185.0	11300

RELEASE VERSION V9.01 BETA

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*High lift masts are masts which because of their type or lift height, require capacity reduction and/or back tilt restrictions. In the case of this model, any fork height greater than 185" (4700 mm) is a high lift.

YALE TECHNICAL DATA SHEETS

GC100VXBCS

CAPACITY IN POUNDS @ 24 INCH LOAD CENTER
EQUIPPED WITH 42 INCH FORKS

	MFH (IN)	CAPACITY @ MFH			LIFT HEIGHT AT MAXIMUM CAPACITY				
		CARRIAGE		SIDESHIFT	MFH	CARRIAGE		MFH	SIDESHIFT
		42" WIDE	48" WIDE	48" WIDE	(IN)	42" WIDE	48" WIDE	(IN)	48" WIDE
2 STAGE LFL 6 DEG BACKTILT STD TREAD	110.2	10650	-----	10550	110.2	10650	-----	110.2	10550
	133.9	10650	-----	10500	133.9	10650	-----	133.9	10500
	157.5	10650	-----	10450	157.5	10650	-----	157.5	10450
	185.0	10650	-----	10400	185.0	10650	-----	185.0	10400
	204.7	10450	-----	10150	204.7	10650	-----	185.0	10350
	228.3	10150	-----	9850	228.3	10650	-----	185.0	10300
	252.0	8050	-----	9450	252.0	10650	-----	185.0	10250
	271.7	4250	-----	7600	271.7	10650	-----	185.0	10250
2 STAGE FFL 6 DEG BACKTILT STD TREAD	111.2	10400	-----	10200	111.2	10400	-----	111.2	10200
	134.8	10400	-----	10200	134.8	10400	-----	134.8	10200
	158.5	10400	-----	10200	158.5	10400	-----	158.5	10200
	182.1	10400	-----	10200	182.1	10400	-----	182.1	10200
	193.9	10300	-----	10050	182.1	10400	-----	182.1	10150
	205.7	10150	-----	9900	182.1	10400	-----	182.1	10150
	225.4	9900	-----	9650	182.1	10400	-----	182.1	10100
3-STAGE FFL 6 DEG BACKTILT WIDE TREAD	163.2	10000	10000	9700	163.2	10000	10000	163.2	9700
	185.0	10000	10000	9650	185.0	10000	10000	185.0	9650
	196.9	9900	9900	9550	185.0	10000	10000	185.0	9650
	208.7	9750	9750	9400	185.0	10000	10000	185.0	9600
	220.5	9600	9600	9250	185.0	10000	10000	185.0	9600
3 STAGE FFL 5 DEG WIDE TREAD	244.1	9350	9350	8950	185.0	10000	10000	185.0	9550
	255.9	8250	8200	8500	185.0	10000	10000	185.0	9550
	276.6	6100	6050	6450	185.0	10000	10000	185.0	9500

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