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# GAMCO SCAFFOLD-TYPE SHORING

## ALLOWABLE WORKING LOADS (LBS./LEG)

MAXIMUM SAFE WORKING LEG LOADS FOR 412X-XX, 4144X-XX & 424X-XX SERIES FRAMES WITH 46XX-XX SCREWS													
PART NO.	DESCRIPTION	Total equal adjustment top and bottom = A + B	12"	17,500*	16,600	13,400	10,600	10,200	10,000	9,900	9,800	9,700	9,600
4143-00	4'x3' Hi-Load Frame		24"	14,800*	13,700	11,900	9,500	9,100	8,700	8,600	8,500	8,400	8,300
4144-00	4'x4' Frame		36"	12,200	11,200	10,400	8,300	8,800	7,700	7,300	7,000	6,750	6,500
4123-00	2'x3' Hi-Load Frame		48"	10,500	10,300	9,750	8,000	7,700	7,400	7,200	7,000	6,750	6,500
4124-00	2'x4' Hi-Load Frame		12"	15,800*	14,900	13,400	10,600	10,200	10,000	9,900	9,800	9,700	9,600
4145-00	4'x5' Hi-Load Frame		24"	14,100	12,400	11,900	9,500	9,100	8,700	8,600	8,500	8,400	8,300
4125-00	2'x5' Hi-Load Frames		36"	11,700	10,700	10,400	8,300	8,000	7,700	7,300	7,000	6,750	6,500
4245-00	4'x5' Ledger Bearing Frame		48"	10,200	10,000	9,750	8,000	7,700	7,400	7,200	7,000	6,750	6,500
4246-00	4'x6' Ledger Bearing Frame		12"	14,400	13,200	11,600	10,600	10,200	10,000	9,900	9,800	9,700	9,600
4146-00	4'x6' Hi-Load Frame		24"	12,400	11,100	10,800	9,500	9,100	8,700	8,600	8,500	8,400	8,300
4126-00	2'x6' Hi-Load Frame		36"	10,000	9,000	8,600	8,300	8,000	7,700	7,300	7,000	6,750	6,500
4346-00	4'x6' Double Ledger Bearing Frame		48"	8,500	8,400	8,200	8,000	7,700	7,400	7,200	7,000	6,750	6,500
	All Hi-Load Aluminum Frames		12"	13,800	11,000	10,600							
		24"	11,300	10,500	10,300								
		36"	10,250	9,800	9,650								
		48"	9,200	9,100	9,000								
No. of Tiers i.e. frames in tower			1	2	3	4	5	6	7	8	9	10	

Tower Over 60'-0" high - CONSULT WITH GAMCO ENGINEERING DEPARTMENT

- Note: 1.) Use 4146 loading as above for combinations of 4144, 4145, 4146, 4124, 4125, and 4126 frames used in one tower.  
 2.) Total screw jack adjustment is the sum of the adjustment Top & Bottom = A + B  
 3.) The above allowable leg loads reflect a 2.5:1 safety factor.

\*Check that screws do not meet inside of the frame leg.

