

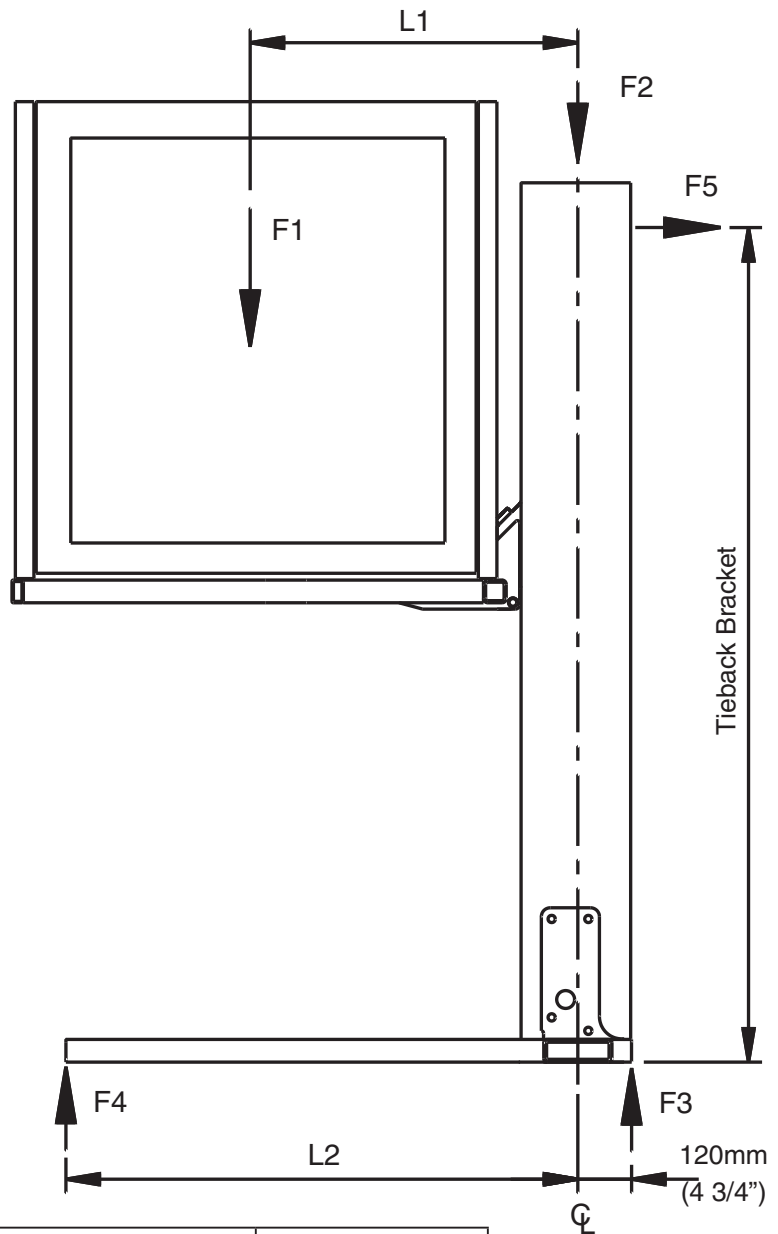
# Loading Diagram

Platform Size	L1	L2
Standard	688 (27")	1145 (45")
Mid-Size	688 (27")	1145 (45")
Large	777 (30 5/8")	1145 (45")

Mast Size	Mast Height	Tieback Height
42	1737 (68 3/8")	1572 (61 7/8")
60	2194 (86 3/8")	2029 (79 7/8")

### Mast Support Tiebacks:

All dive masts must be tied back and supported to comply with loads stated below.



Forces	Description		Value
F1 = 1000 lbs.	Payload (Max.)		3335 N (750 lbs.)
	Car (Platform) Weight		1110 N (250 lbs.)
F2	Mast Weight	42 Mast All Platform Sizes	777 N (175 lbs.)
		60 Mast All Platform Sizes	955 N (215 lbs.)
F3	Floor Reaction	42 Mast All Platform Sizes	4791 N (1079 lbs.)
		60 Mast All Platform Sizes	4955 N (1116 lbs.)
F4	Floor Reaction	42 Mast All Platform Sizes	426 N (96 lbs.)
		60 Mast All Platform Sizes	440 N (99 lbs.)
F5	Tieback Bracket Reaction	42 Mast Std & Mid Size Platforms	2087 N (470 lbs.)
		42 Mast Large Platform	2367 N (533 lbs.)
		60 Mast Std & Mid Size Platforms	1634 N (368 lbs.)
		60 Mast Large Platform	1856 N (418lbs.)