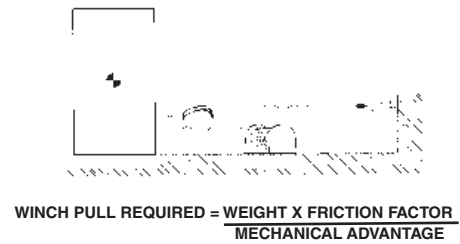
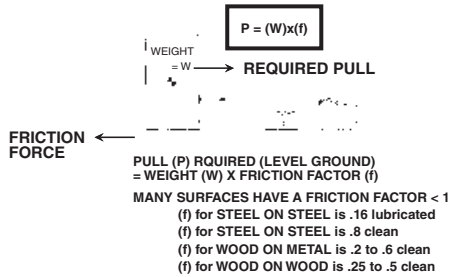
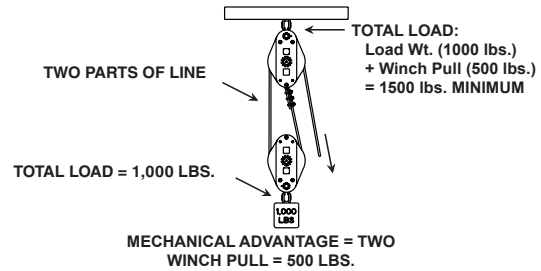
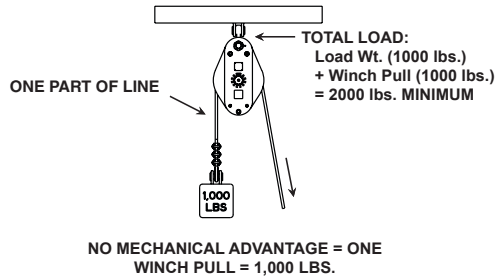
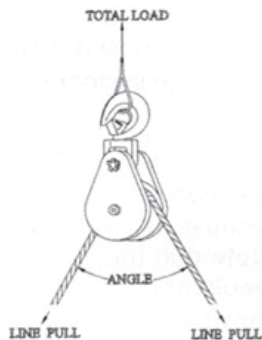


RIGGING WITH BLOCKS



BLOCK LOADING - ANGLE FACTOR MULTIPLIERS

A single line sheave block used to change load line direction can be subject to total loads greatly different from the line pull



ANGLE FACTOR MULTIPLIERS

ANGLE	FACTOR	ANGLE	FACTOR
0°	2.00	100°	1.29
10°	1.99	110°	1.15
20°	1.97	120°	1.00
30°	1.93	130°	.84
40°	1.87	135°	.76
45°	1.84	140°	.68
50°	1.81	150°	.52
60°	1.73	160°	.35
70°	1.64	170°	.17
80°	1.53	180°	.00
90°	1.41	—	—

TOTAL LOAD = LINE PULL X ANGLE FACTOR
EXAMPLE, AT 45 DEGREES, AND 10,000 LB LINE PULL,
TOTAL LOAD = 10,000 X 1.84 = 18,400 LBS.

FOR ADDITIONAL INFORMATION REFER TO THE CROSBY GENERAL CATALOG