

LIFT SYSTEMS

MODEL 24A, 400 (357) TON 2 POINT LIFT SYSTEM HYDRAULIC CAPACITY CHART

CYLINDER STAGES

LC-118

PRESSURE	2150(P.S)	2000	1800	1600	1400	1200	1000	800	600	400	200
27'6" (8382) 3rd Stage	216 TON (195)	200 TON (179)	180 TON (161)	160 TON (143)	140 TON (125)	120 TON (107)	100 TON (89)	80 TON (71)	60 TON (54)	40 TON (36)	20 TON (18)
21'8" (6604) 2nd Stage	305 TON (272)	284 TON (254)	256 TON (229)	227 TON (203)	199 TON (178)	170 TON (152)	142 TON (127)	114 TON (102)	85 TON (76)	57 TON (51)	28 TON (25)
15'10" (4826) 1st Stage	408 TON (364)	380 TON (339)	342 TON (305)	304 TON (271)	266 TON (238)	228 TON (204)	190 TON (170)	152 TON (136)	114 TON (102)	76 TON (68)	38 TON (34)

10'
(3048)

STANDARD
(METRIC)

MODEL 48A, 800 (714) TON 4 POINT LIFT SYSTEM HYDRAULIC CAPACITY CHART

CYLINDER STAGES

LC-051
REV.A1

PRESSURE	2150(P.S)	2000	1800	1600	1400	1200	1000	800	600	400	200
27'6" (8382) 3rd Stage	432 TON (391)	400 TON (357)	360 TON (321)	320 TON (286)	280 TON (250)	240 TON (214)	200 TON (179)	160 TON (143)	120 TON (107)	80 TON (71)	40 TON (36)
21'8" (6604) 2nd Stage	611 TON (546)	568 TON (507)	511 TON (456)	454 TON (405)	398 TON (355)	341 TON (304)	284 TON (254)	227 TON (203)	170 TON (152)	114 TON (102)	57 TON (51)
15'10" (4826) 1st Stage	817 TON (729)	760 TON (679)	684 TON (611)	608 TON (543)	532 TON (475)	456 TON (407)	380 TON (339)	304 TON (271)	228 TON (204)	152 TON (136)	76 TON (68)

10'
(3048)

STANDARD
(METRIC)

NOTES TO LIFTING CAPACITIES

- DO NOT EXCEED MAXIMUM PRESSURE FOR EACH STAGE. All capacities are structural; do not exceed under any circumstance. Consult Lift Systems with individual application requirements.
- Loads on all charts are in tons, 2000 pounds per ton. Metric tons = 2200 pounds per (ton).
- The lift system must be plumb and level in all directions. If not level, STOP and RE-LEVEL track and each lifting unit.
- CAPACITY OF LIFTING BEAMS ARE NOT CONSIDERED and must be calculated by the user or professional engineer. Beams must be capable of handling the load, including safety factors.
- Lifting units must be operated on FIRM and LEVEL surface. Check ground or floor carefully for adequate support.
- UNLOCK propel mechanism from track when starting to lift loads or setting loads down to allow lift system to center itself with the load. Lock mechanism when load is free of supports.
- Capacities are pressure calculations; USE AS A GUIDE ONLY. Capacities are accurate within a reasonable percentage. Allow adequate safety factors to compensate for hydraulic efficiency, oil temperature and other possible variations.
- Use CAUTION WHEN TRAVELING WITH LOADS WHILE EXTENDED. Track must be LEVEL and FIRM to travel with heavy loads.
- Beams must be level during all lifting and lowering of loads.
- Cylinders should be extended to equal elevation during lifting and lowering of loads.
- Read pressure in each cylinder. To compute loads where pressure readings are not equal; divide capacities on chart by total number of cylinders to arrive at the single cylinder capacity of each cylinder.

LIFT SYSTEMS

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POINT LIFT SYSTEMS

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