

LIFT SYSTEMS

MODEL 22PT500L CAPACITY CHART 250 (226) TON 2 POINT LIFT SYSTEM

CYLINDER STAGES

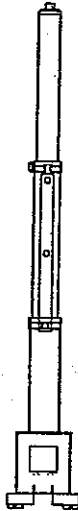
PTLC054

PRESSURE	2450 PSI	2200	2000	1800	1600	1400	1200	1000	800	600	400	200
27' 6" (8,382 mm) 2nd STAGE	250 TON (226)	228 TON (206)	207 TON (187)	186 TON (168)	166 TON (150)	145 TON (131)	125 TON (113)	103 TON (93)	83 TON (75)	62 TON (56)	41 TON (37)	20 TON (18)
19' 6" (5,944 mm) 1st STAGE	250 TON (226)	228 TON (206)	207 TON (187)	186 TON (168)	166 TON (150)	145 TON (131)	125 TON (113)	103 TON (93)	83 TON (75)	62 TON (56)	41 TON (37)	20 TON (18)

11'6"
(3,505 mm)

LIFT SYSTEMS PATENTS
US PATENTS #4,573,853
#5,181,693
UK PATENT #2,154,543
AND VARIOUS OTHER
PATENTS

STANDARD
(METRIC)



MODEL 24PT500L CAPACITY CHART 500 (453) TON 4 POINT LIFT SYSTEM

CYLINDER STAGES

PTLC050

PRESSURE	2450 PSI	2200	2000	1800	1600	1400	1200	1000	800	600	400	200
27' 6" (8,382 mm) 2nd STAGE	500 TON (453)	457 TON (414)	415 TON (376)	373 TON (339)	332 TON (301)	290 TON (263)	249 TON (226)	207 TON (188)	166 TON (150)	124 TON (113)	83 TON (75)	41 TON (37)
19' 6" (5,944 mm) 1st STAGE	500 TON (453)	457 TON (414)	415 TON (376)	373 TON (339)	332 TON (301)	290 TON (263)	249 TON (226)	207 TON (188)	166 TON (150)	124 TON (113)	83 TON (75)	41 TON (37)

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NOTES TO LIFTING CAPACITIES

- DO NOT EXCEED MAXIMUM PRESSURE FOR EACH STAGE. All capacities are structural; do not exceed under any circumstances. Consult factory with individual application requirements.
- Loads on all charts are in U.S. tons.
- The gantry must be plumb and level in all directions. If not level, STOP and RE-LEVEL the track and each lifting unit.
- CAPACITY OF LIFTING BEAMS ARE NOT CONSIDERED and must be calculated by the operator 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 gantry 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 for each cylinder.