

130" TRAVEL **EXAMPLE #1** IF LOAD IS 500 LBS 65" TRAVEL EACH CHAIN WILL HAVE A 500 LB LOAD THE CENTER MUST LIFT 1000 LBS A 3 1/4" I.D. CYLINDER HAS AN AREA OF APROX. 8 SQ INCHES 1000 LBS / 8 SQ INCH = 125 PSI **EXAMPLE #2** IF LOAD IS 3000 LBS EACH CHAIN WILL HAVE A 3000 LB LOAD THE CENTER MUST LIFT 6000 LBS A 3 1/4" I.D. CYLINDER HAS AN AREA OF APROX. 8 SQ INCHES 6000 LBS / 8 SQ INCH = 750 PSI *** EVEN ADDING 1000 LBS FOR THE CARRIAGE (ADDS 1000 ON EACH CHAIN) 8000 LBS / 8 SQ INCH = 1000 PSI **CHAIN FASTENED** TO CYLINDER LIFT

LIFT CYLINDER POWER UP GRAVITY DOWN 3 1/2 O.D. 65" STOKE