



EXAMPLE #1

IF LOAD IS 500 LBS
 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
 $1000 \text{ LBS} / 8 \text{ SQ INCH} = 125 \text{ PSI}$

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
 $6000 \text{ LBS} / 8 \text{ SQ INCH} = 750 \text{ PSI}$
 *** EVEN ADDING 1000 LBS FOR THE
 CARRIAGE (ADDS 1000 ON EACH CHAIN)
 $8000 \text{ LBS} / 8 \text{ SQ INCH} = 1000 \text{ PSI}$

