MODEL 385 - 13 3/8" TECHNICAL SPECIFICATIONS

- 385 tons at 5,000 psi
- Weight: 11,234 lbs*
- Height: 8' 0"
- Radius: 22"
- 60" stroke
- 2 speeds offered on most models
- For pipe 2 3/8” up to 13 3/8”
- Maximum Clearance: 14 7/8”
- 4 ” API tapered bowls
- Wellhead adapter plate can be drilled and tapped to fit almost any flange

PSI	LIFT CAPACITY (TONS)
250	19.24
500	38.48
750	57.73
1000	76.97
1250	96.21
1500	115.45
1750	134.70
2000	153.94
2250	173.18
2500	192.42
2750	211.66
3000	230.91
3250	250.15
3500	269.39
3750	288.63
4000	307.88
4250	327.12
4500	346.36
4750	365.60
5000	384.85

NO. CYLINDERS	4
DIA. OF CYLINDER (IN)	7
DIA. OF ROD SHAFT (IN)	5
CYLINDER ROD DIA. (IN)	7
SURFACE AREA PER ROD (IN^2)	38.48
SURFACE AREA IF USING (2) CYLINDERS (IN^2)	76.97
THE FOLLOWING ARE FOR ENTIRE UNIT	
TOTAL SURFACE AREA PER UNIT (IN^2)	153.94
STROKE OF UNIT (IN)	60.00
VOLUME NEEDED FOR UP STROKE (IN^3)	9236.28
VOLUME NEEDED FOR UP STROKE (GAL.)	39.98
VOLUME USED BY ROD SHAFT (IN^3)	4712.39
VOLUME USED BY ROD SHAFT (GAL.)	20.40
VOLUME NEEDED FOR DOWN STROKE (IN^3)	4523.89
VOLUME NEEDED FOR DOWN STROKE (GAL.)	19.58
TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (IN^3)	13760.18
TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (GAL.)	59.57
MAXIMUM OPERATING PRESSURE (PSI)	5000
FLOW RATE AT MAX PRESSURE (GPM)	50

The Casinjac 385 is a popular jack model for customers wanting more pulling power over our model 282. Its larger size allows for more significant gains in power while still maintaining ease of operation. The 385 pulls up to 770,000 lbs allowing for maximum flexibility when bidding and working on wells. We have a number of options to fit each piece of equipment to your individual application. *All weights are estimated by Solid Works and are approximate.