

## MODEL 282-10 3/4" TECHNICAL SPECIFICATIONS

- 282 tons at 5,000 psi
- Weight: 7,300 lbs\*
- Height: 8' 0"
- Radius: 18 1/2"
- 60" stroke
- 2 speeds on most models
- For pipe 2 3/8" up to 10 3/4"
- Maximum Clearance: 13 3/4"
- 4" API tapered bowls
- Wellhead adapter plate can be drilled and tapped to fit almost any flange

PSI	LIFT CAPACITY (TONS)
250	14.14
500	28.27
750	42.41
1000	56.55
1250	70.69
1500	84.82
1750	98.96
2000	113.10
2250	127.23
2500	141.37
2750	155.51
3000	169.65
3250	183.78
3500	197.92
3750	212.06
4000	226.19
4250	240.33
4500	254.47
4750	268.61
5000	282.74



NO. CYLINDERS	4
DIA. OF CYLINDER (IN)	6
DIA. OF ROD SHAFT (IN)	4
CYLINDER ROD DIA. (IN)	6
SURFACE AREA PER ROD (IN <sup>2</sup> )	28.27
SURFACE AREA IF USING (2) CYLINDERS (IN <sup>2</sup> )	56.55

**THE FOLLOWING ARE FOR ENTIRE UNIT**

TOTAL SURFACE AREA PER UNIT (IN <sup>2</sup> )	113.10
STROKE OF UNIT (IN)	60.00
VOLUME NEEDED FOR UP STROKE (IN <sup>3</sup> )	6785.84
VOLUME NEEDED FOR UP STROKE (GAL.)	29.38
VOLUME USED BY ROD SHAFT (IN <sup>3</sup> )	3015.93
VOLUME USED BY ROD SHAFT (GAL.)	13.06
VOLUME NEEDED FOR DOWN STROKE (IN <sup>3</sup> )	3769.91
VOLUME NEEDED FOR DOWN STROKE (GAL.)	16.32
TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (IN <sup>3</sup> )	10555.75
TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (GAL.)	45.70
MAXIMUM OPERATING PRESSURE (PSI)	5000
FLOW RATE AT MAX PRESSURE (GPM)	50

The Casinjac 282 remains one of our most popular jack models. Its intermediate size allows for significant gains in pulling power, yet is easy to manage and set up at the job site. The 282 gives you peace of mind that you can pull through no matter what challenges the well has to offer. 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.

