

## MODEL 196 - 8 5/8" TECHNICAL SPECIFICATIONS

- 196 tons at 5,000 psi
- Weight: 6088 lbs\*
- Height: 7' 9"
- Radius: 17"
- 48" or 60" stroke
- 2 speeds offered on most models
- For pipe 2 3/8" up to 8 5/8"
- 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	9.82
500	19.63
750	29.45
1000	39.27
1250	49.09
1500	58.90
1750	68.72
2000	78.54
2250	88.36
2500	98.17
2750	107.99
3000	117.81
3250	127.63
3500	137.44
3750	147.26
4000	157.08
4250	166.90
4500	176.71
4750	186.53
5000	196.35



NO. CYLINDERS	4
DIA. OF CYLINDER (IN)	5
DIA. OF ROD SHAFT (IN)	3.5
CYLINDER ROD DIA. (IN)	5
SURFACE AREA PER ROD (IN <sup>2</sup> )	19.63
SURFACE AREA IF USING (2) CYLINDERS (IN <sup>2</sup> )	39.27

### THE FOLLOWING ARE FOR ENTIRE UNIT

TOTAL SURFACE AREA PER UNIT (IN <sup>2</sup> )	78.54
STROKE OF UNIT (IN)	60.00
VOLUME NEEDED FOR UP STROKE (IN <sup>3</sup> )	4712.39
VOLUME NEEDED FOR UP STROKE (GAL.)	20.4
VOLUME USED BY ROD SHAFT (IN <sup>3</sup> )	2309.07
VOLUME USED BY ROD SHAFT (GAL.)	10.00
VOLUME NEEDED FOR DOWN STROKE (IN <sup>3</sup> )	2403.32
VOLUME NEEDED FOR DOWN STROKE (GAL.)	10.40
TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (IN <sup>3</sup> )	7115.71
TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (GAL.)	30.80
MAXIMUM OPERATING PRESSURE (PSI)	5000
FLOW RATE AT MAX PRESSURE (GPM)	50

The Casinjac Model 196 is a popular jack model for customers needing a unit to augment the capabilities of smaller work over rigs. Model 196s are easy to transport and give the added piece of mind a little extra pulling power brings. The 196 pulls up to 392,000 lbs allowing for more flexibility when working on a number of varying types of 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.