

MODEL 196 - 10 3/4" 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 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 | 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 ²) | 19.63 |
| SURFACE AREA IF USING (2) CYLINDERS (IN ²) | 39.27 |

THE FOLLOWING ARE FOR ENTIRE UNIT

| | |
|----------------------------------------------------------------|---------|
| TOTAL SURFACE AREA PER UNIT (IN ²) | 78.54 |
| STROKE OF UNIT (IN) | 60.00 |
| VOLUME NEEDED FOR UP STROKE (IN ³) | 4712.39 |
| VOLUME NEEDED FOR UP STROKE (GAL.) | 20.4 |
| VOLUME USED BY ROD SHAFT (IN ³) | 2309.07 |
| VOLUME USED BY ROD SHAFT (GAL.) | 10.00 |
| VOLUME NEEDED FOR DOWN STROKE (IN ³) | 2403.32 |
| VOLUME NEEDED FOR DOWN STROKE (GAL.) | 10.40 |
| TOTAL VOLUME NEEDED FOR (1) COMPLETE STROKE (IN ³) | 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.