



**Shanghai Oilfield Equipment Co., Ltd.**  
Tel: +86-21-687 132 39      Fax: +86-21-687 103 45  
No. 39, Linbao Rd., Tinglin, Jinshan District, Shanghai, China

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## **ROTAFLEX Pumping Units**



### **Main Features**

- ※ Slow and long stroke: Long stroke leads to more complete barrel filling, less fluid pounding. Slow period means less wear on downhole equipment and less direction reverse. It also makes the operational cost reduce.
- ※ Belt Transmission: A long life heavy duty belt transmission can absorb the shock during stroke reverse, thus effectively reducing the stress on downhole components and rod strings run uniformly.
- ※ Low Torque Demand: The torque demand is greatly reduced due to the short torque arm which is only 0.46m. Thereby, small prime mover and gear box may be possible. Comparing to other manual lift system, ROTAFLEX can cut down energy costs by 10% to 40%.
- ※ Optimum Structure Design – Safety and convenience: The automatic braking device and two sets of brake systems ensure the unit safety absolutely. Enclosed unit design makes the unit folded up and convenient during shipping, moving safely.
- ※ High Reliability and Low Maintenance: High reliability by using antifriction bearings, heavy duty belt, heavy load sleeve roller chains, mechanical balance and self-protection, carrying load evenly and perfect rigidity through optimum design.

[www.oilfeldeqp.com](http://www.oilfeldeqp.com)



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※ Auxiliary system is fairly complete, not only for high volume production, but also for deep wells low volume production.

### Main Specifications

Model	1100	1000	900	800	700	600	500
Stroke Length	8.0	8.0	7.3	7.0	6.0	5.0	4.5
Peak Polished Rod Load	22.7	20.0	16.3	14.0	12.0	10.0	8.0
Max. Strokes/min	4	4	4	4	4	5	5
Min. Strokes/min	Very Low						
Counterweight Base	6.1	4.6	4.2	2.7	2.4	1.9	1.7
Counterweight-Max. Aux.	8.6	9.0	7.2	7.1	6.4	4.8	3.5
Shipping Weight	26.5	22.0	19.5	16.5	15.5	12.0	11.0
External Size	7.4×2.6×13.4	7.4×2.4×13.4	6.6×2.4×12.4	6.1×2.1×11.8	5.5×2.1×10.8	5.5×1.9×8.9	5.2×1.9×8.2
Shipping Size	13.4×2.6×3.1	13.4×2.4×2.8	12.4×2.4×2.8	11.8×2.1×2.6	10.8×2.1×2.5	8.9×1.9×2.5	8.2×1.9×2.5
Motor Power	75	75	55	45	37	22	18.5
Torque of Gearbox	37	37	37	26	26	18	13
Working Temperature	-40℃~+50℃						
Electromagnetism Automatic Braking System	yes	yes	yes	yes	yes	N/A	N/A
Note: Automatic braking system is available according to customers' requirements.							