

QY600 • PNEUMATIC WATER WELL RIGS

QY600 Pneumatic Water Well Drilling Rig

12–40 m/h penetration • casing-while-drilling • 600 m

A light, efficient multi-purpose drilling machine for water wells, agricultural irrigation wells and other boreholes, especially water extraction in mountainous and rocky terrain. High-torque hydraulic motor rotation with large-bore cylinder feed: rotary drilling with alloy bits, high-speed DTH percussion-rotary drilling with button bits in hard rock, and casing-while-drilling with an air...

Factory direct • 80+ countries | ISO 9001 | Since 1989

600 m Drilling depth	**140–400 mm** Hole diameter	**76 / 89 / 102 / 114 mm** Rod diameter
1.5 / 2 / 3 / 6 m Rod length	**12–40 m/h** Penetration rate	**8,000–12,000 N•m** Rotation torque

Product Photos

More photos and videos at zuanjiai.com






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Technical Specifications

QY600 · Pneumatic Water Well Rigs

Drilling depth	**600 m**
Hole diameter	**140–400 mm**
Rod diameter	**76 / 89 / 102 / 114 mm**
Rod length	**1.5 / 2 / 3 / 6 m**
Penetration rate	**12–40 m/h**
Rotation torque	**8,000–12,000 N•m**
Rotation speed	**40–160 rpm**
Single-pass feed length	**3.3 / 6.6 m**
Pull-up / feed force	**300 kN / 150 kN**
Fast lift / fast feed	**20 m/min / 40 m/min**
Engine	**Weichai**
Rated power	**129 kW**
Tool winch pull	**20 kN**
Air pressure	**1.7–3.5 MPa**
Air consumption	**17–42 m³/min**
Travel speed / gradeability	**2–3 km/h / Max. 25°**
Transport dimensions	**4700 × 2100 × 2500 mm**
Working dimensions	**4000 × 2900 × 6800 mm**
Operating weight	**9.2 t**

※ Standard factory configuration. Actual configuration can be customized to site conditions. Specifications are subject to change without notice; the delivered machine prevails.

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Product Brochure · QY600

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