

Hydraulic Anchoring Drill Rig

This hydraulic anchoring drill rig features a separated power station to lighten the drill body. It is designed for coring and down-hole hammer applications, meeting the needs of various users.



Overview

Versatile Anchoring Solution

The DSHY-100A is a robust hydraulic anchoring drilling machine engineered for demanding geological and construction environments. It is primarily utilized for drilling soil and rock anchoring holes, tunnel screen injection, and supporting deep foundation pits for infrastructure projects. With a modular design and powerful hydraulic system, this rig provides the stability, precision, and efficiency required for professional geotechnical and energy-sector drilling operations.

Drilling Performance

Drill Head Performance

Series	Speed (Electric)	Speed (CC490Q)
I Series	0-100 r/min	0-95 r/min
II Series	0-30 r/min	0-29 r/min

Hole Diameter	110-200 mm
Drilling Depth	60-100 m
Max Drill Head Torque	1600 Nm

Power and Hydraulics

Power and Ratings

Model	Power
Y200L2-2 (Electric Motor)	37Kw / 2950r/min
CC490Q	36Kw / 2800r/min

Hydraulic System Pressure	20 Mpa
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Applications

Primary Applications	Soil Anchoring, Rock Anchoring, Tunnel Screen Injection, Foundation Pit Support, Hydroelectric Construction, Mini-grouting Piles, Hydrography Wells, Jet-grouting
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