

CE

SPILING RIG INCORPORATING PDH



To overcome severe roof guttering propagation, this rig was developed to install bolts into the roof at 5 degrees from horizontal, resulting in a stabilized strata.

This lightweight Roof and Rib Bolter employs our PDH (Powerscrew Drill Head) which is pedestal mounted on a continuous miner as a spiling and rib bolting rig. The unit allows the operators to safely install spiles without being under unsupported roof.

The PDH design can be adapted to many different applications including shearer mounted for longwall completion rib bolting.

AIR or HYDRAULIC operation

Length adapted to suit application

Machine can be configured for standard roof bolts or HILTI self drilling "One Step" Bolts.

180 degree operation in horizontal plane

15 degree operation in vertical plane

Off the shelf and std. industrial components

Hydraulic/Pneumatic operation of all heavy movement functions

Detailed Risk Assessment process for all applications.



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108 ALBATROSS ROAD
SOUTH NOWRA
NSW AUSTRALIA 2541



PDH in Spiling Application
Technical Specifications

Application

- Continuous Miner mounted for Spiling

Installs

- Configured to install Hilti "One Step" self drilling bolt

Powered by

- CM Hydraulics

Bolting Rate

- Typically up to 30 bolts per shift

Drilling Speed

- 600 rpm

Drilling Torque

- 175* Nm

Weight

- 350 kg (fully assembled, dry)

Dimensions

- Length = 3700 mm (varies with bolt length)
- Width = 400 mm
- Height = 1000 - 1200 mm

Can be designed to meet a wide range of performance criteria.

