



**for Diamond  
Rocksaws  
D1S D2S D3S  
D2HS D3HS**

# Echidna CS3 Cutting Rail

roadwork - demolition - wallsaw - limited access



- standard 2.4m
- up to 6m length
- manual rotation or fit with hydraulic rotation head
- optional tilt head
- for diamond rocksaws D1S, D2S, D2HS, D3S, D3HS

Rails to allow excavator rocksaws to cut at any angle.

Connected to the excavator via manual or hydraulic rotator or tilt-rotator unit.



Synkovská 1327/6  
160 00 Praha 6  
Czech Republic

email: [office-cr@echidna-rocksaws.com](mailto:office-cr@echidna-rocksaws.com)  
website: [www.echidna-rocksaws.com](http://www.echidna-rocksaws.com)  
tel: +420 601 391 999

# CS3 Specification

## Standard unit

- Total Length: 2800mm
- Cut length: 2200mm
- Mass with saw: 250kg
- Manual rotation: 270°
- Advance type: guide screw, hydraulically powered
- Side Tilt: hydraulic
- Rotation: hydraulic
- Suits: Echidna D1S, D2S, D2HS, D3S, D3HS

## Requirements

- Guide screw: proportional 0 – 10 lpm, 100 bar
- Plunge: proportional 0 – 4 lpm, 100 bar
- Side tilt: proportional 0 – 4 lpm, 100 bar
- Rotation: proportional 0 – 10 lpm, 100 bar

## Options

- Length up to 6m.
- Hydraulic rotating head
- hydraulic tilt rotator

# Application

A diamond rocksaw held directly by a standard excavator can only cut effectively in the vertical plane - this is given by the movements of the excavator arm. Horizontal cutting using the excavator slew for control is possible but not recommended as the control is not fine enough resulting in slow cutting and poor blade life.

There are many occasions where it is desirable to cut in other directions than vertically, for example in demolition of a concrete slab or wall into smaller slabs, or in directions not parallel to the excavator arm such as for trenches across a road. Sometimes limitations of access or safety considerations make it impossible to position the excavator to give the required cutting direction.

Echidna has developed a selection of rail styles for allowing the rocksaw to cut at any angle. The rail is connected to the excavator via a manual or hydraulic rotator or tilt-rotator unit.



Synkovská 1327/6  
160 00 Praha 6  
Czech Republic

email: office-cr@echidna-rocksaws.com  
website: www.echidna-rocksaws.com  
tel: +420 601 391 999

