SAMAVICH
TECHNOLOGIES

ROTARY & DTH DRILLING

# Absorb the impact. Protect the rig.

Samavich SC shock absorbers take the shock and vibration of drilling before it reaches the rotary head — protecting the rig, the threads and the bit.




**SC25–SC100**
four models

**110,000 lbf**
max rig pulldown

**6+ months**
without upkeep*

01
### Protects the rotary head
Drastically reduces the shock and vibration that reach the rotary head, preventing premature failure.

02
### Faster penetration
Keeps uniform pressure on the bit for higher penetration rates and longer bit life.

03
### Thread protection
The floating piston allows axial travel, protecting threads during make-up and break-out.

04
### Maintenance-free
Rugged, sealed construction — at least six months without upkeep, depending on mine conditions.

05
### Any angle
Supports vertical and angled drilling; fully compatible with rotary and DTH drill strings.

06
### No-weld option
The optional Safe-Lock removes welding at the rotary head shaft and the top adapter.

| SC25 | SC50 | SC75 | SC100 |
|---|---|---|---|
| Up to 30,000 lbf | 25,000 – 55,000 lbf | 50,000 – 80,000 lbf | 80,000 – 110,000 lbf |

## Which absorber fits your rig?

Send us your rig model and rotary head thread — our engineers will recommend the right model. *Depending on mine conditions.

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