

# Rocprop™

## Mechanical Roof Prop

The Rocprop™ is a compact, all-steel roof support prop for underground mining that offers active pre-loading. It provides constant load characteristics over a large closure range and at high convergence rates

- Rocprop is ideal for use in coal, hard rock and soft rock mining environments
- Active support is achieved using hydraulic pre-loading
- Can be installed at an angle or horizontally
- Easy to transport and install, offering significant savings in materials handling
- Usable anywhere there is access to hydraulic, emulsion or water supply

### COAL MINING ROOF SUPPORT

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- Available in a selection of sizes and in 20 ton and 40 ton variations
- Variety of headboards and footplates to distribute the load and prevent punching through
- Provide a workable solution for roadways and belt-drive support, as well as during longwall moves
- No ventilation resistance

### HARD ROCK MINING ROOF SUPPORT

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- High load-bearing capabilities make it suitable for high closure and seismic mining environments
- Provide constant hanging roof support to keep blocks in place during blasting
- Ideal for long term support in isolated, abandoned and high cavity areas
- Available in heights up to 20 feet



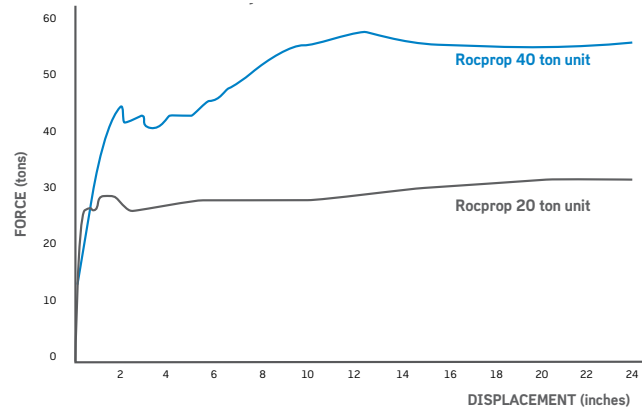
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## Mechanical Roof Prop

### APPLICATIONS IN COAL AND OTHER SOFT ROCK MINES

- Longwall moves (shield recovery)
- Belt drive support
- Brow support
- Systematic roadway support
- Tailgate, headgate and bleeder support
- Barrier line support
- Ventilation seal construction
- Long-term support in abandoned areas

### ROCPROP™ Performance



### BENEFITS

- Quick and easy to install
- Installed vertical, horizontal and at an angle
- Creates pre-loading up to 20 tons
- Dynamic yield capacity
- Heights up to 20 feet
- Support applied exactly where needed
- Variety of accessories available

PRODUCT Code	YIELD Load in Tons	TRANSPORT LENGTH Inches	MINING HEIGHT		WEIGHT lbs.
			Min. inches	Max. inches	
RP1520	22	42	47	59	78
RP3520	22	87	90	137	160
RP4020	22	113	112	157	186
RP4520	22	113	122	177	211
RP6020	22	145	169	236	270
RP1240	44	36	39	47	69
RP1840	44	50	55	71	92
RP2340	44	61	67	91	113
RP2540	44	66	71	98	121
RP3240	44	81	83	126	148
RP3540	44	87	91	138	160

Other sizes may be available.



#### Headplates



• Flat

• Channel

• Pizza

#### Footplate

