Propsetter®
Yieldable Support System

The Propsetter® System is a standing support system combining the stiffness of a prop, with a built in yield zone and ease of installation for mining heights of up to 3.6m.
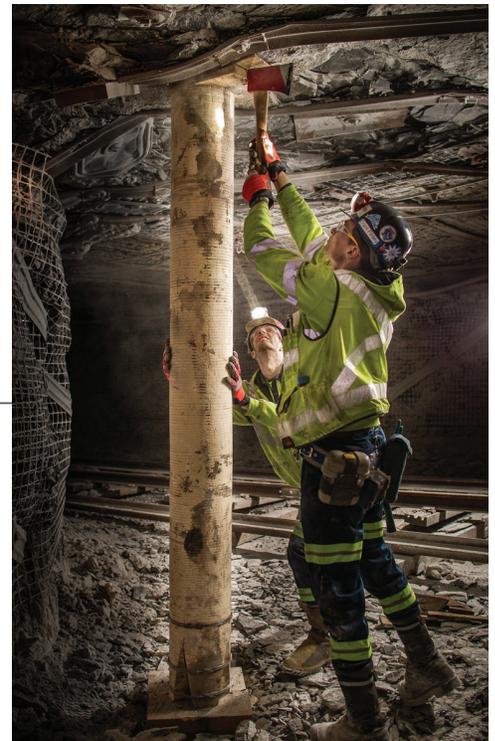
The Propsetter System yields up to 250mm in a controlled manner. The standard 200mm diameter Propsetter will generate 45 tonnes of load, with the larger 250mm Propsetter generating up to 65 tonnes of load at 50mm of deflection.

When the Propsetter System is used to replace 4 point chocks, up to 72% less material is handled. It is easy to install with up to 150 units have been installed in a single shift. Ventilation resistance is reduced by 76% compared to a four-point chock.

The Propsetter System can be used with our Packsketter™ Pre-Stressing System or with wedges.

CURRENT APPLICATIONS FOR THE PROPSETTER SYSTEM INCLUDE:

- Maingate, tailgate and bleeder support
- Cut through and intersection stabilization
- Supplementary support
- Longwall shield recovery
- Breaker line support for pillar extraction
- Belt line rehabilitation and support
- Ventilation seal protection

STRATA
W O R L D W I D E

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FEATURES AND BENEFITS

- Stiff support, generates load rapidly
- Maintains load during yield with engineered Crush zone
- Less timber to handle
- Quick and easy installation
- Reduced ventilation resistance
- Propsetter System yields with convergence while conventional props buckle and loose load
- Headboards and bases are engineered to distribute the load and avoid punching into the roof and floor.
- Support capacity is comparable to a four-point timber chock.

SPECIFICATIONS

- Robust, versatile and safe roof support for thicker seams
- Consistent yield characteristics for the best possible roof control

	4-pt. Chock 2.1 meters high	STANDARD DIAMETER PROPSETTER 2.1 meters high	LARGE DIAMETER PROPSETTER 2.1 meters high
Handling			
Supports per truckload	42	256	208
Pieces per support	28	3	3
Performance			
Support @ 50mm	410 kN (40 tonnes)	445 kN (45 tonnes)	580 kN (65 tonnes)