

Strata Propsetter®

Yielding Support System

The Propsetter® System is a standing support system combining the stiffness of a prop, with an engineered 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 fourpoint chock.

APPLICATIONS:

- 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



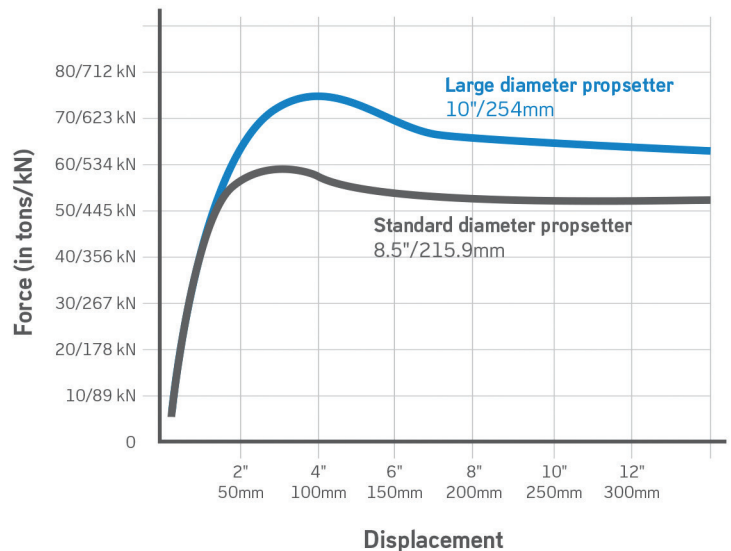
FEATURES

- Longwall 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 fourpoint-timber chock.

BENEFITS

- Robust, versatile and safe roof support for thicker seams
- Consistent yield characteristics for the best possible roof control
- Specialised system bundling for transport and handling. Pre-bundled pack of 10 units, including base boards, head boards & super wedges

	4-pt. Chock 2.1 meters high (30")	STANDARD DIAMETER PROPSETTER 2.1 meters high (84")	LARGE DIAMETER PROPSETTER 2.1 meters high (84")
Handling			
Supports per truckload	42	256	208
Pieces per support	28	3	3
Performance			
Support @ 50mm	400 kN (45 tons)	445 kN (50 tons)	580 kN (65 tons)



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