



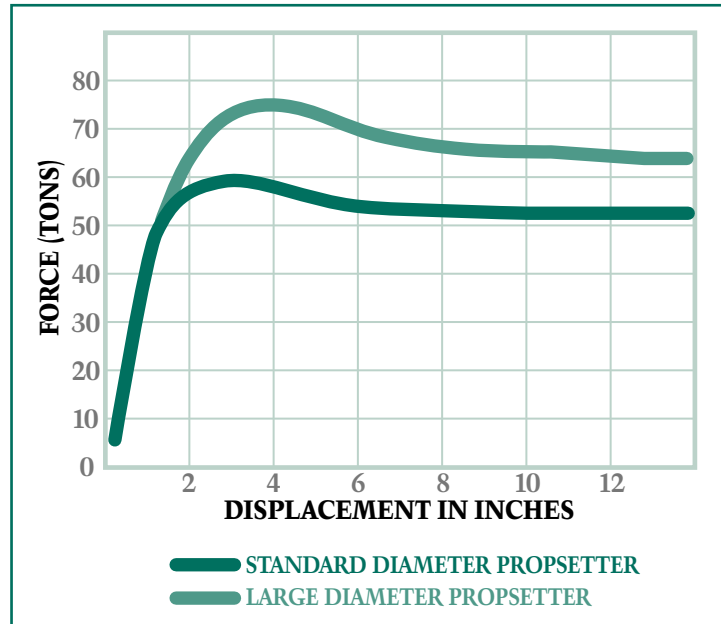
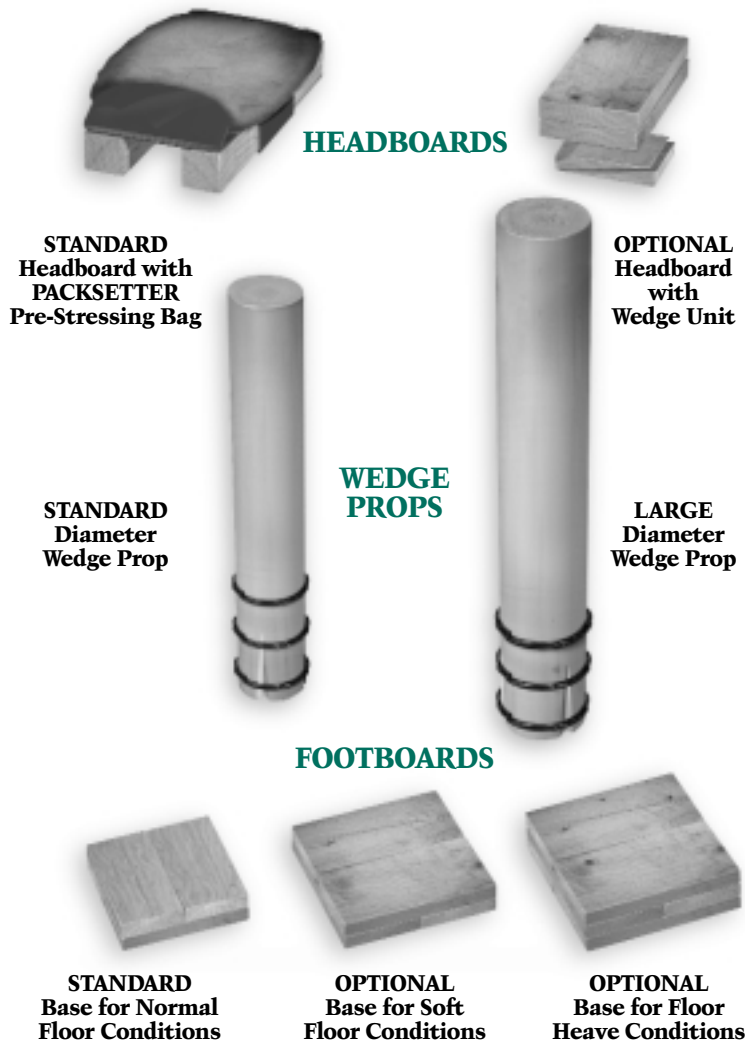
## PROPSETTER™

### YIELDABLE SUPPORT SYSTEM

- ◆ The Propsetter™ System is designed to replace 4 point cribs and other conventional supports in mining heights up to 10 feet.
- ◆ The Propsetter System yields in a controlled manner through 8 to 10 inches of deflection.
- ◆ The standard diameter Propsetter is capable of supporting over 50 tons of load at 2 inches of deflection.
- ◆ The large diameter Propsetter is capable of supporting over 65 tons of load at 2 inches of deflection.
- ◆ When the Propsetter System is used to replace 4 point cribs, 72% less material is handled.
- ◆ The Propsetter System is easy to install. Up to 150 units have been installed in a single shift.
- ◆ The Propsetter System reduces ventilation resistance by 76% compared to a four-point crib.
- ◆ The Propsetter System can be used with our PACKSETTER™ Pre-Stressing System or with wedges.
- ◆ Current applications for the Propsetter System include:
  - Headgate, tailgate and bleeder support
  - Cross cut and intersection stabilization
  - Supplementary support
  - Longwall shield recovery
  - Breaker line support for pillar extraction
  - Belt line rehabilitation and support

# PROPSETTER™

## YIELDABLE SUPPORT SYSTEM



### PROPSETTER BENEFITS

- ◆ Less timber handled
- ◆ More cribs per transport car or trailer
- ◆ Quick and easy installation
- ◆ Improved ventilation
- ◆ Enhanced safety

### PROPSETTER PERFORMANCE

- ◆ PROPSETTER System yields as roof and floor converge while conventional posts buckle and snap.
- ◆ 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 crib.

### SPECIFICATIONS

- ◆ Standard diameter Wedge Prop available for mining heights from 5 to 8 foot in one foot increments
- ◆ Large diameter Wedge Prop available from 6 to 10 foot in one foot increments
- ◆ Standard Headboard for use with PACKSETTER™ Pre-Stressing System grout and bag
- ◆ Wedged Headboard available for wedging the system in place
- ◆ Optional Base designs available for normal, soft floor and floor heave conditions

### Example: PROPSETTER System vs. 4-Pt. Crib

	30" 4-pt. Crib 84" high	Standard Diameter PROPSETTER 84" System	Large Diameter PROPSETTER 84" System
<b>Handling</b>			
"Cribs" per truckload	45	224	184
Pieces per "crib"	28	3	3
Weight of "crib"	1,050 lbs.	208 lbs.	250 lbs.
<b>Performance</b>			
Support @ 2"	45 tons	50 tons	65 tons

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