

# Propsetter®

## Yielding Support System

The Propsetter® System is a standing roof support system that combines the stiffness of a prop support with the safety benefit of a built-in yield zone

- Controlled yielding through 16-18 inches of deformation
- Various sizes to accommodate seam heights up to 11 feet
  - 7" up to 25 tons of load
  - 8.5" up to 50 tons of load
  - 10" up to 65 tons of load
  - 12" up to 100 tons of load
- Quick to install
- 7 to 10" Propsetters can be used to replace 4-point cribs
  - Uses up to 72% less material
  - Reduces ventilation resistance by 76%
- 12" Propsetter can be used to replace the 9-point cribs

### APPLICATIONS

- 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
- Ventilation seal protection

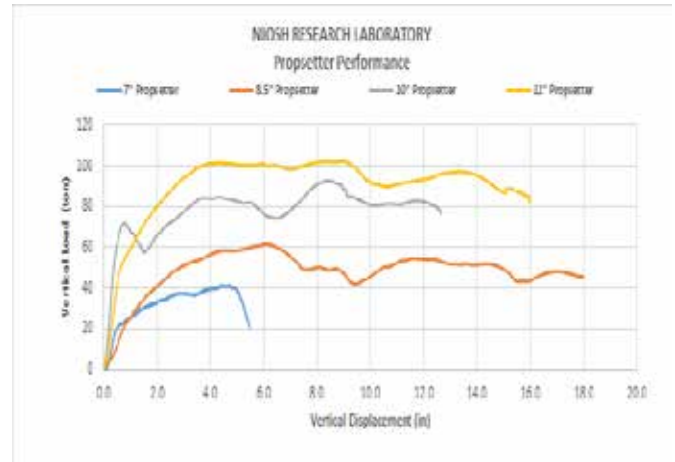


# Propsetter®

## Yielding Support System

### FEATURES & BENEFITS

- Rapidly generates load capacity
- Yields with entry convergence to prevent buckling
- Maintains load capacity during yield
- Support capacities comparable to a four and nine-point timber cribs
- Less materials handling compared to cribs
- Reduced ventilation resistance
- Headboards and footboards engineered to distribute load and avoid punching into roof and floor.
- Specialized system bundling for optimized transport and handling



PROPSETTER SIZES AND LOAD CAPACITIES		
Diameter (in)	Seam Height (ft)	Load Capacity (tons)
7	4-7	25
8.5	4-8	50
10	4-10	65
12*	4-11	100

\*12in prop actual diameter 11.5in

### Headboard Options



· Standard Wedge Unit



· Optional PowerWedge pre-stressing system

### Footboard Options



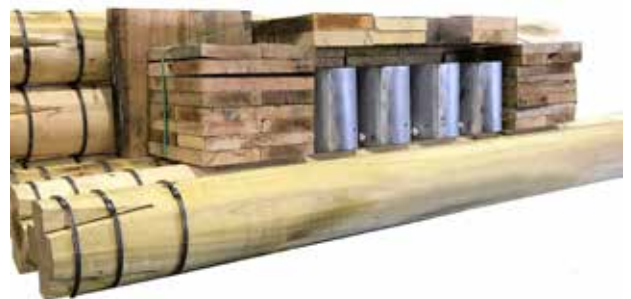
· Normal conditions



· Soft conditions



· Heave conditions



Strata Propsetters packaged in bundles of 8 complete systems including the pre-loading PowerWedge.