



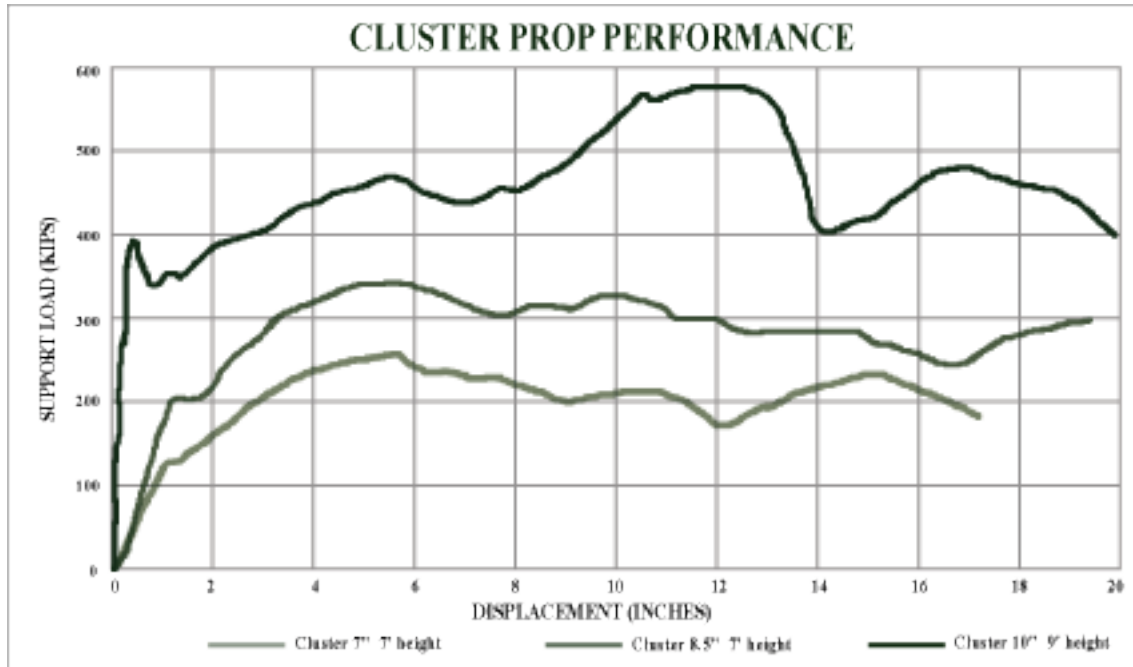
# CLUSTER PROP

## HIGH CAPACITY YIELDING PROP

- ◆ The Cluster Prop is designed as a high capacity underground support system
- ◆ Available in three capacity options:
  - Cluster 7": exceeds 100 ton capacity
  - Cluster 8.5": exceeds 150 ton capacity
  - Cluster 10": exceeds 250 ton capacity
- ◆ Available in lengths up to 12 feet
- ◆ Stable deformation in excess of 20 inches
- ◆ Up to 200 units of the Cluster 7", 133 of the Cluster 8.5", or 100 of the Cluster 10" can be delivered in a single load.
- ◆ Haulage productivities improved up to 70% compared to other support products.
- ◆ Custom packaging available to optimize transport
- ◆ Can be installed mechanically with a grab or Strata Products Prohandler®
- ◆ No dedicated mine equipment necessary
- ◆ Applications include:
  - Headgate, Tailgate and Bleeder Support
  - Intersection and X-Cut stabilization
  - Longwall shield recovery

# CLUSTER PROP

HIGH CAPACITY YIELDING PROP



## FEATURES AND BENEFITS

- ◆ Improved haulage productivity
- ◆ Quick and easy installation
- ◆ Lightweight, compared with alternatives
- ◆ Stable during deformation
- ◆ High load capacity
- ◆ Low installation costs

## SPECIFICATIONS

### Cluster 7"

- ◆ Consists of three 7 inch diameter Propsetter units
- ◆ Available in heights from 5 to 8.5 feet, in 6" increments

### Cluster 8.5"

- ◆ Consists of three 8.5 inch diameter Propsetter units
- ◆ Available in heights from 6 to 9 feet, in 6" increments

### Cluster 10"

- ◆ Consists of three 10 inch diameter Propsetter units
- ◆ Available in heights from 6 to 12 feet, in 6" increments

Height	Cluster Prop Sample Unit weights by height		
	Cluster 7"	Cluster 8.5"	Cluster 10"
6 feet	240 lbs	360 lbs	480 lbs
7 feet	280 lbs	410 lbs	560 lbs
8 feet	320 lbs	460 lbs	640 lbs
9 feet	N/A	520 lbs	720 lbs
12 feet	N/A	N/A	950 lbs

