

Donut Cribs™ & CribPacs®

Concrete Roof Support

The E.Dillon Donut Cribs™ and CribPacs® are patented high capacity circular concrete roof supports for underground mining. Cut-able fiber reinforced concrete and limited timber use, make these roof supports ideal for permanent support and for longwall moves

- Steel-fiber reinforcement provides higher load capacity compared to standard concrete blocks
- Load Transfer Discs increase overall strength and provide additional yielding capabilities for active ground conditions
- Resistant to atmospheric deterioration and fireproof
- Concrete material provides both a “cut-able” and transportable waste material for mine-through applications
- All products are packaged on specialized pallets to accommodate underground travel

Donut Cribs™

- Individual, compact, circular concrete blocks with an open center that stack in layers
- Construction allows for custom height options
- Timber foot and head boards to provide additional yielding
- Capable of pre-loading if built with Strata Packsetter™ bags or Hydrocells™

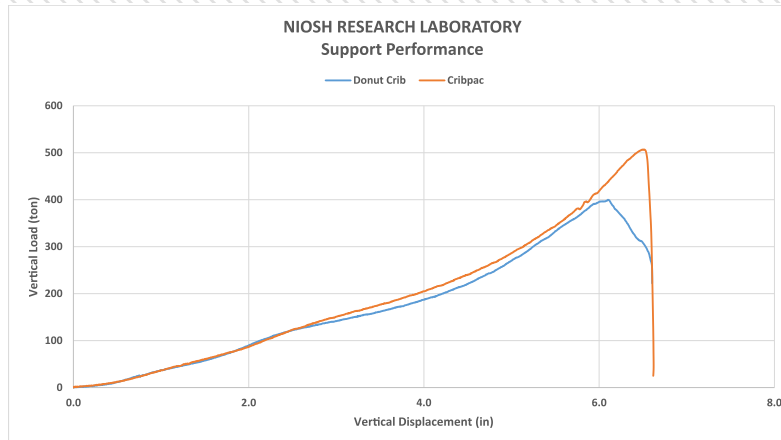
CribPacs®

- Solid circular concrete blocks pre-package into various bundle heights
- Packs of block are confined with metal binding and wrapped in plastic to increase stability and minimize shifting
- Bundling with plywood lift layers provides optimal handling for mechanical installation and increased yield capacity
- Packs can be stacked to accommodate larger seam heights



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APPLICATIONS

- Mine-through areas in longwall moves
- Pre-driven recovery rooms
- Cut-able support at rib-line in headgate and tailgate entries
- Pillar extraction areas
- Areas requiring high volume and high capacity supports
- Permanent support
- Support under beams and cross-bars

BENEFITS

- Fully "cut-able"
- Stable yield
- High strength in compact design
- Pre-loading with Packsetters™ or Hydrocells™
- Fire proof
- Will not shrink, rot or rust
- Reduce time for longwall move
- Easy install with scoop, forklift, Mini-Trac™ utility vehicles

SPECIFICATIONS

Donut Cribs™:

- 17.5 inch outer diameter x 4-7/8 inch inner diameter x 3 inches thick
- Support capacities up to 350 tons
- 60 units per pallet
- Load transfer discs included

CribPacs®:

- 17.5 inch diameter pre-bundled packs
- Support capacities up to 450 tons
- Pack heights:
 - 4 Layer - 30 inch
 - 5 Layer - 37 inch
 - 6 Layer - 44 inch
- Two packs can be stacked for high seam heights