



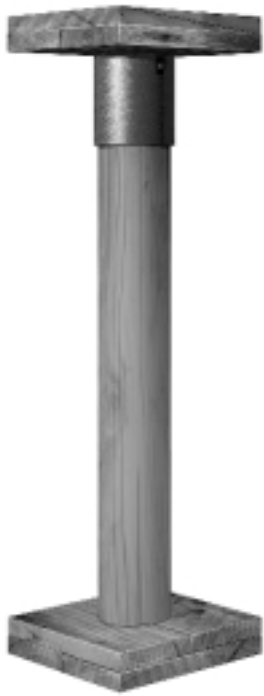
# POWER WEDGE™

## MECHANICAL PRE-STRESSING DEVICE

- ◆ Provides active roof load from prop-type supports
- ◆ Converts torque into upward force on roof, generating active loads up to 10 tons (9 tonnes)
- ◆ Operation creates yieldability in the unit; can be used with yielding or non-yielding props
- ◆ Enables pre-stressing without water, grout or pumps
- ◆ Designed for use with 8½" (215mm) and 10" (250mm) diameter props
- ◆ Take-up range 0"-3" (0-75mm)
- ◆ Torque applied with 1⅞" (29mm) socket hand wrench, air or hydraulic tool
- ◆ All-steel, maintenance-free construction; quick and easy to install
- ◆ Can also be used in place of temporary steel supports in headgates, beltways, tailgates, intersections, etc.



# POWER WEDGE™



**POWER WEDGE with  
Straight-Leg Prop**



**POWER WEDGE with  
PROPSETTER®**

## SPECIFICATIONS

- ◆ All steel construction
- ◆ Designed for use with 8½" (215 mm) diameter and 10" (250 mm) diameter props
- ◆ Take-up range 0 to 3" (0 to 75mm)
- ◆ Use 1⅞" (29 mm) socket wrench
- ◆ Torque applied with hand wrench, air or hydraulic tools

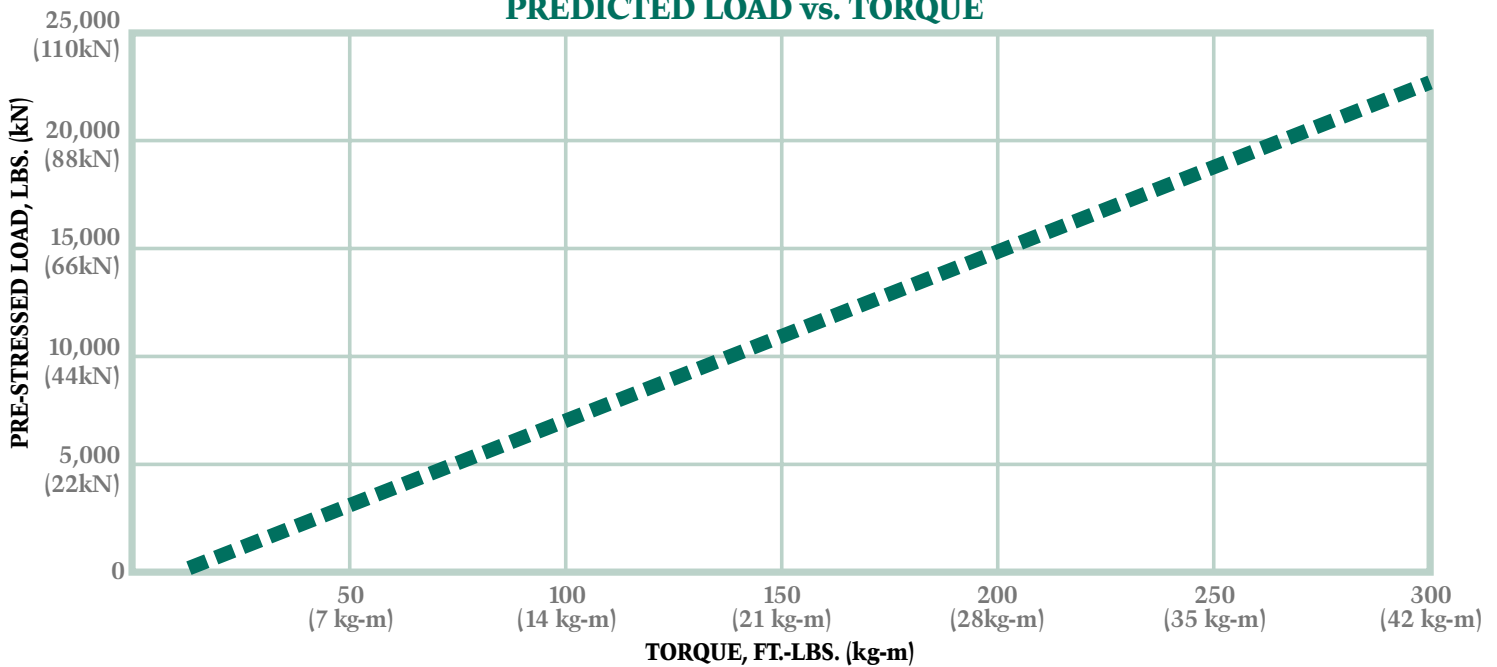
## POWER WEDGE BENEFITS

- ◆ Provides active roof load from prop-type supports
- ◆ Pre-stressing without water, grout and pumps
- ◆ Fast, simple installation
- ◆ Structural elements create yieldability in the unit
- ◆ Can be used with yielding or non-yielding props

## POWER WEDGE PERFORMANCE

- ◆ Converts torque into upward force on roof
- ◆ Generates active loads of up to 10 tons (9 tonnes)
- ◆ Force applied on roof is up to 250 times that of force on wrench

**PREDICTED LOAD vs. TORQUE**



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