



# inno9

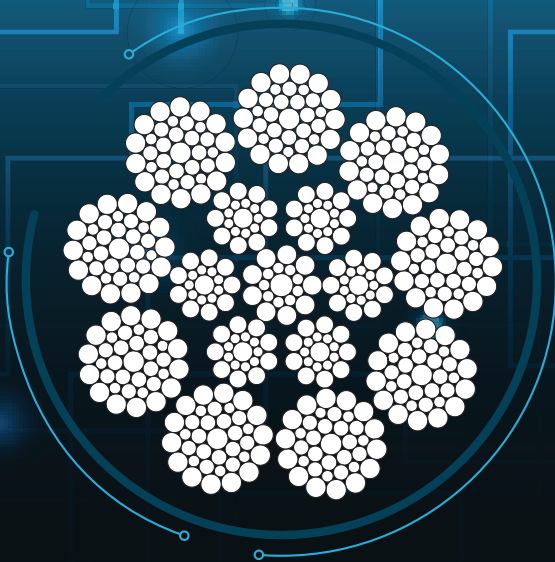
**THE INNOVATION OF ROPE**

# Innovative Purpose Designed Nine Strand Rope for Surface Mining

- **NEW** – Superior performance **NINE** strand rope
- **IMPROVED WEAR ENDURANCE** - Due to larger outer wire diameters
- **ENHANCED FLEXIBILITY** - 9 strand design increases rope flexibility
- **REDUCED POINT LOADING** - larger contact area on drums, sheaves & overburden
- **IMPROVED FATIGUE RESISTANCE** - larger strand to core contact area
- **EASIER & SAFER INSTALLATION** - due to increased flexibility
- **CUSHION CORE / COMPACT / ROVINGS** – various design enhancements to suit various applications
- **REVERSE CORE ROTATION** - lower torque option available for ferrule dump ropes

UNIQUE TO **haggie**<sup>®</sup> ROPE MAKING EQUIPMENT

# Inno9



High quality robust **9 STRAND ROPE**

Built to **WITHSTAND** abrasion and fatigue

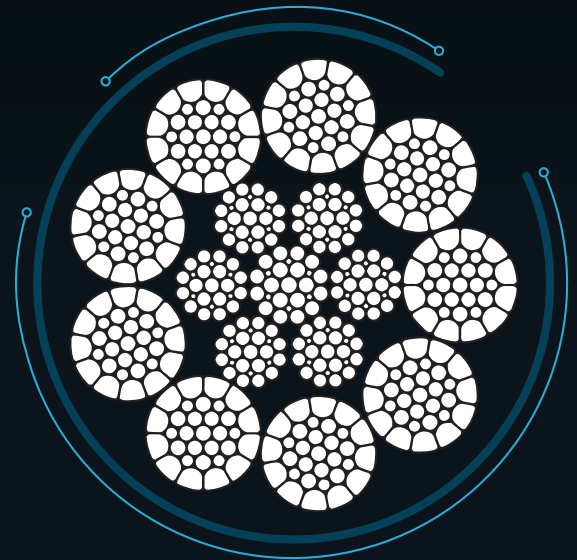
**FLEXIBILITY** especially on draglines with reverse bending (over/under)

Made to withstand the toughest conditions whilst delivering on **COST EFFECTIVENESS**

Manufacturing lube **RETENTION SYSTEM**

## Inno9 C<sup>1</sup> Compacted

- Compacted outer strands further enhance our Inno9 design to significantly **REDUCE DRUM & SHEAVE WEAR**
- Increased **SURFACE AREA**
- WEAR RESISTANCE** is further enhanced due to **COMPACTING**
- Increased **BENDING** fatigue life
- HIGHER BREAKING FORCE** than standard non-compacted rope



## Inno9 C<sup>3</sup> Cushion Core Compact

Provides **MAXIMUM** performance

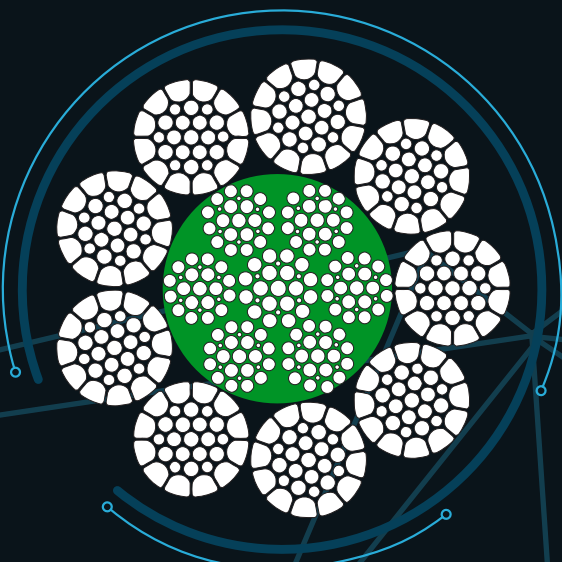
**LESS** internal friction

**PREVENTS** dirt entering the core

**PROTECTS** core & overlaying strands from **CROSS CUTTING DAMAGE**

**DAMPENS SHOCK** loading and **ABSORBS VIBRATION**

**FATIGUE RESISTANCE** without compromising on toughness





96 Forrester Road, St Marys,  
NSW, Australia 2760

TEL: +61 2 9673 8100

FAX: +61 2 9673 8123

EMAIL: [sales@haggie.com](mailto:sales@haggie.com)

[www.haggiereid.com](http://www.haggiereid.com)

