



## RIG DATA SHEET

## Joy (IGS35)



IGS35 “Joy” is has the highest push capacity of the IGS fleet of custom designed in situ testing and sampling rigs. Australian designed and manufactured the standard operating weight of this rig is 17.8t, however, if fully ballasted, the full 400kN (40t) push capacity can be mobilised. Truly a formidable and versatile rig ready to meet the challenges of your project.

### About:

Purpose-built rig manufactured from the ground up 2024.

Variable push speed from 2mm/s to 200mm/s

High Accuracy Arrow 100 GNSS GPS on board

Mass ~17.8t (up to 40t if fully ballasted)

W=2.4m L=5.7m H=2.82m (roof down)

Push capability nominally 250kN but up to 400kN

700mm tracks with operating track pressure ~40kPa

Built to suite MDG-15 mine site requirements.

Built with heavy duty lift and recovery points.

Remote control drive and winching system

### Test Types:

- CPT and CPTu and Seismic CPTu
- Tee-Bar and Ball Cone
- DMT & SDMT/ SPDMT, Medusa DMT
- Direct-Push Vane Shear

### Also:

- Installation of VWP Piezometers
- Magneto and Conductivity Profiling
- In Situ Permeability
- All IGS Sampling including PPI Sampling