

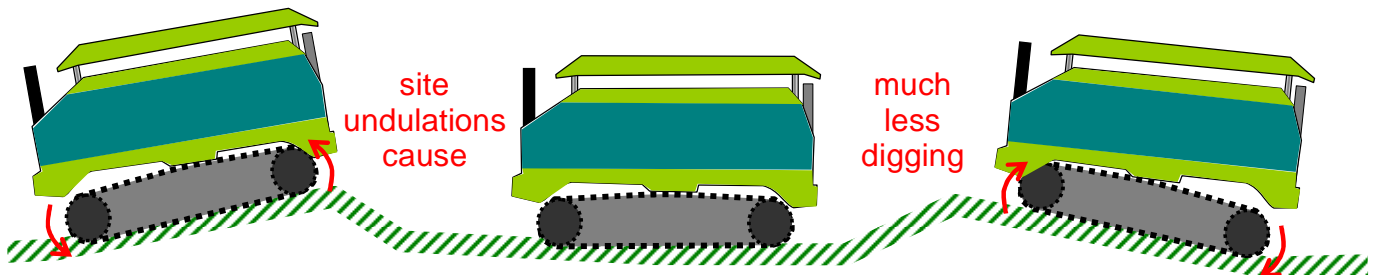


RIG DATA SHEET TOUGH TOMMY (IGS2)



Why articulate the tracks?

Normal rigid-track rigs induce high local ground contact stresses, causing track ends to dig in and damage sites. Articulated tracks, a true innovation on this rig, can follow the ground much more closely, distribute the rig load much more uniformly, and hence (i) access softer sites and (ii) cause significantly less ground damage on all sites.



Purpose-built rig rebuilt from ground up 2023

Variable push speed from 20mm/s to 200mm/s

High Accuracy GNSS GPS on board

Mass ~17.5t (~20t ballasted)

W=2.4m L=5.0m H=2.65m (roof down)

Push capability 200kN

Innovative articulated tracks giving ~42kPa ground pressure

Built to site MDG-15 mine site requirements.

Built with heavy duty lift and recovery points

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 (coarser soils)
- All IGS Sampling