



'PARK MODE' FEATURE

A unique software feature that comes with Minnovare's Production Optimiser™ system, enabling you to accurately position your rig to the planned ring plane with certainty.

KEY BENEFITS



For Horseshoe/
I-Beam Configuration
Longhole Rigs



Park rig with certainty
using virtual ring lines on
Production Optimiser™
Mobile Interface



Virtual ring lines shown
from Minnovare CORE™
synced digital drill plan



Removes
human error



Sync drill data
back to Minnovare
CORE™ for QA/QC

Why our clients use the Park Mode feature



De-Risking Human Error (and Cost)

Relying on the accuracy of the rig operator to the marked laser lines alone presents the risk (and cost) of human error. Inaccurate mark-ups, uneven side walls, tight ring spacings; Park Mode removes these risks.

Park Mode holds the operator accountable with a virtual representation of the ring plane and recording of the park set up.



Greater Accuracy at Setup = Greater Accuracy at the Toe

Independent in-hole survey data has proven that the majority of blast-hole deviation occurs from errors made prior to the hole being drilled - up to 65% occurring at setup.



Virtual Ring Line

Park Mode provides the driller with a virtual representation of the rigs' orientation to the planned ring / laser lines. The reading is provided in real-time as the rig lines up on each ring plane.



Position Rail Correctly on Desired Drill Plane

Even though the driller parks the rig perfectly on the laser lines, there are inherent variances between the rig orientation and the rails orientation due to mechanical wear and tear and uneven ground.

Park mode ensures that the rig is parked so that the rail is positioned correctly on the desired drill plane.



Potential to Reduce Mark-Ups

Simplified survey mark-up results from the reduced need to mark both ring and laser lines.

Reducing the Risk (and Cost) of Human Error

Ring lines can often be tightly spaced and / or overlapping making setup difficult.

Operator fatigue, R5 and other human factors can lead to incorrect setup.

Heading widths and side wall surfaces will often be 'irregular' / inconsistent.

Survey mark-ups are subject to human error.

Relatively minor inaccuracies at the collar / set-up, increase over the length of the hole - **leading to significant deviation at the toe.**

With **Park Mode**, the driller orientates the rig using a 'virtual' ring line, in real-time, **as per the digital drill plan (Digi-Plan).**

All drill data is recorded in **Digi-Plod** for QA/QC and synced back to Minnovare CORE.

Primary Features & Benefits

- Highly accurate and applicable for use on ALL Horseshoe/I-Beam drill rig makes and models, in underground drill and blast operations in either narrow vein or large open stope mines;
- Improve fragmentation, limit over-break and under-break;
- Reduce dilution and associated costs (haulage and processing, downtime and re-work);
- Increase ore recovery, return per tonne and overall net present value (NPV);
- Delivers value through optimum blasts



The Drilling Data that
Drives Outcomes

Minnovare CORE, with Digi-Plan / Digi-Plod

- Minnovare CORE is an industry leading software platform that serves as a powerful data hub for your entire drilling operations, allowing you to take control of your drilling data.
- Digital drill plans (Digi-Plan) and plods (Digi-Plod) sync seamlessly with existing mine planning software, providing accurate, reliable and real-time drilling data to mine operators.
- Eliminate time consuming and unreliable paper-based systems and benefit from access to real-time drill data across your entire drilling operation, when you need it.
- Integrate seamlessly with a range of 3rd party mine planning/drill and blast software.
- Benefit from the intuitive and easy to use interface and access our 24 x 7 Global Support.

