



EVERY OPERATION STARTS WITH DRILLING. START STRONG — AND FINISH STRONGER.



Command for drilling offers a range of capabilities, utilizing a building block approach that allows you to configure and automate the drilling system to meet your needs today, with the ability to easily expand in the future.

- Operator Machine Assist automates the entire drill cycle, helping to increase productivity, consistency and accuracy across operators—without them needing to leave the cab of the drill.
- Remote Control enables operators to be removed from hazardous conditions and located in a safe, comfortable on-site or off-site location—while still maintaining drill productivity. This solution requires one operator per drill.
- Semi-Autonomous Drilling uses a line-of-sight tablet to allow for a single row assignment to be initiated and monitored from a safe distance while it drills a single row. An operator can manage multiple drills at the same time.
- Autonomous drilling enables one operator to manage multiple drills across a mine from a single remote operator station. This solution helps optimize drilling operations, which can include autonomous row changes—enabling increased utilization, productivity, consistency and accuracy across the drill fleet.

20%+
IMPROVEMENT
in positional and depth accuracy vs. staffed Terrain operation

10%+
REDUCTION
in drill cycle times

12.5%+
INCREASE
in drill utilization

Technology attracts new talent

Allows for a new type of operator
— Extended careers
— Path to become instructors

FEATURES & BENEFITS

- Flexible, scalable and configurable to your needs
- Delivers consistent and accurate drilling that results in better blasting outcomes, more productive loading and hauling, and more efficient final processing.
- Helps to ensure that every hole is accurately placed to plan and consistently drilled to the proper elevation and angle—improving final blasting results.
- Converts non-productive drilling hours into productive drilling hours.
- Incorporates built-in safety systems



For more information, go to cat.com/minestar or contact your local dealer.