



Mitra Bor Nusantara
drilling & blasting company



**YOUR TRUSTED
DRILLING & BLASTING
PARTNER**

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<https://ptmbn.com>

MITRA BOR NUSANTARA

DRILLING & BLASTING DRIVING YOUR MINE TO MAXIMUM PERFORMANCE

KEEP YOUR OPERATION SAFE. FAST. ON TARGET

PT Mitra Bor Nusantara delivers integrated Drilling & Blasting solutions to ensure continuous, efficient, and controlled operations. From planning to execution, we provide a seamless workflow backed by **SmartBlast system**, **Performance Program**, and **experienced Technical Teams**. Secure supply, precise timing, and measurable performance **all in one system**.



SMARTBLAST SYSTEM

PT Mitra Bor Nusantara

Smartblast System Helps you:

- 1.Improve Fragmentation
- 2.Reduce risk and Misfire
- 3.Lower Total Blasting Cost
- 4.Increase Productivity

PERFORMANCE PROGRAM

PT Mitra Bor Nusantara

Performance Program Delivers:

- 1.Continuous Site Assesment
- 2.KPI Based Improvement Plan
- 3.Data Driven Optimisation
- 4.Monthly Performance Report
- 5.Ongoing Operator & Bench Coaching

SUPPORTED BY

Supported by:

- 1.Certified Technical Experts
- 2.On Site Monitoring and reporting
- 3.Strong Safety, Health, and Environment & CSMS
- 4.Operational Support



At PT Mitra Bor Nusantara, we recognise that today's mining operations demand precision, speed, and specialised expertise at every stage. MBN is committed to empowering your operation through integrated drilling and blasting solutions, supported by advanced systems, experienced technical teams, and proven field execution.

WITH YOU, FROM PLANNING TO PERFORMANCE

We also understand that successful operations require more than drilling & blasting — it takes planning accuracy, data insight, and continuous improvement.

MINING PROCESS



PT MITRA BOR NUSANTARA OFFER

DRILLING & BLASTING

- Drill & Blast Execution
- Blast design & Timing Control
- Electric & Non Electric Initiation System
- Powder Factor & Pattern Design
- Safety & Compliance Check

MONITORING & OPTIMISATION

- SmartBlast System
- Vibration & Fragmentation Analysis
- Digital Blast Log System
- Post Blast Evaluation
- Data Based Optimisation

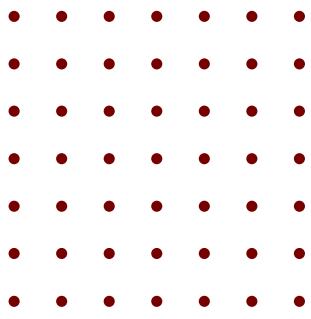
PERFORMANCE & SUPPORT

- MBN Performance Program
- KPI Monitoring
- Monthly Performance Report
- Operator & Bench Coaching
- Continuous Improvement Plan

DRILLING & BLASTING SERVICES | SMARTBLAST SYSTEMS | MBN PERFORMANCE PROGRAM

MBN's integrated approach ensures a seamless connection between planning, execution, monitoring, and improvement — delivering safer operations, stronger performance, and measurable results across your site.

MITRA BOR NUSANTARA SMARTBLAST SYSTEM



DIGITAL BLASTING DESIGN

FROM PAPER TO DATA

Digitalized blast design and execution for higher accuracy and consistent results.



MBN INTEGRATED SOLUTIONS

ONE ECOSYSTEM. TOTAL SUPPORT

All connected to deliver safe, efficient, and data-driven blasting performance.



ELECTRIC & NON ELECTRIC DETONATORS

TIMING THAT DELIVERS

We offer both electric & non electric detonators for high-precision, optimal fragmentation and enhanced control, and non-electronic detonators for reliable, cost-effective blasting solutions



FRAGMENTATION ANALYTICS

SEE IT. MEASURE IT. IMPROVE IT

Real-time fragmentation insights to improve digging efficiency and reduce crushing cost.

PT MITRA BOR NUSANTARA

PERFORMANCE PROGRAM

ASSES

Understanding the actual rock conditions and work area to ensure the blasting design is not based on a generic template.

(Rock Type Analysis, Bench & Risk Survey, Safe Zone Mapping).



EQUIPMENT

Your project deserves the best – this is why MBN deploys newly purchased, project-specific equipment to deliver high-quality drilling and blasting performance.



DESIGN

Not just drilling and blasting, but engineering the final outcome.

(Burden & Spacing Setup, Pattern Design, Powder Factor Planning).



EXECUTE

Every stage of execution is handled by experienced professionals, following strict SOPs and under direct supervision to ensure blasting is safe, precise, and fully controlled.

(Drilling & Loading, Stemming & Clearance, Controlled Blasting)



MONITOR

This is what sets MBN apart from ordinary blasting contractors – MBN evaluates every result

(Fragmentation Check, Vibration & Fivrock Control, Result documentation).



IMPROVE

MBN carries out continuous evaluation and improvement to enhance blasting performance in terms of safety, cost efficiency, and site productivity.

(Parameter Adjustment, Cost & Efficiency Optimisation, Performance Update)



MAXIMISING YOUR SITE PERFORMANCE

To unlock higher productivity and cost efficiency across your mining operation, talk to us about MBN's integrated drilling & blasting solutions.





MITRA BOR NUSANTARA PERFORMANCE SOLUTIONS ARE CUSTOMIZED FOR YOUR SITE

At Mitra Bor Nusantara, we understand that successful blasting is not only about powerful explosives—it is about **precise design, deep site understanding, and consistent execution**.

Through the **MBN Performance Program**, we provide a proactive and structured technical support system that works alongside your team to ensure maximum efficiency, safety, and performance on site.

Our systematic framework allows us to **fully understand** your geological conditions, operational challenges, and production targets. From there, we apply our drilling & blasting expertise to deliver measurable improvements in fragmentation, productivity, and cost control.

PROVEN OPERATIONAL PERFORMANCE

PT Mitra Bor Nusantara keeps your production moving. We bring a dependable fleet, certified blasting teams, and a powerful **Smartblast System** that turns every drill and blast cycle into safer, faster, and more predictable results.

- **High availability** drilling rigs and compressor units (All New)
- **Smartblast design & analysis** that improves fragmentation and reduces blasting risk
- **Real-time monitoring** to keep vibration, flyrock, and performance fully under control
- Built-in contingencies and standby units to **prevent costly downtime**
- A disciplined, safety-driven blasting team that delivers **consistent outcomes**



CONTACT

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