WEBGEN™ 200
SECOND GENERATION WIRELESS INITIATING SYSTEM

INCREASED VERSATILITY WITH NEW FEATURES FOR GREATER POSSIBILITIES

WebGen™ 200 communicates through hundreds of metres of rock, air and water to initiate blasts reliably and safely, opening up new opportunities including surface mining and enabling the first stages of automation of blasting. This industry-changing technology enables new mining methods and blasting techniques to improve safety, increase productivity and reduce operating costs.

orica.com/WebGen200
WebGen™ 200 delivers sustainable improvements:

- Improves safety
- Increases productivity
- Improves recovery
- Reduces operation costs

WEBGEN™ 200 WIRELESS INITIATING SYSTEM

WEBGEN™ 200 PRIMERS RANGE
The WebGen™ product range now includes four specialised variants and four booster weights. Providing versatility and access to higher performance features for more complex mining.

- **WebGen™ 200 Surface**
  Surface blasting in standard conditions

- **WebGen™ 200 Surface Pro**
  High pressure resistant primer for extreme surface blasting conditions

- **WebGen™ 200 Underground Pro**
  High pressure resistant primer for underground production blasting

- **WebGen™ 200 Dev**
  Compact primer for mechanised development loading

NEW FEATURES
- Easier assembly and faster encoding
- Digital inventory management by RFID tags
- Blast Pattern Identifier links primers to specific location
- Four different booster weights - 113g, 227g, 454g, 900g
- Improved fast tether attachment
- Disable primers or change timing after loading
- 600bar sleep pressure resistance for Pro variants
- Misfire detection
- Extended storage and sleep life
- Hot ground resistance up to 85°C
ENCODER AND TRANSMITTER CONTROLLER

WebGen™ 200 features improved encoding and hardware. The blasting process is streamlined with effective controls and hardware ergonomically designed to be more user friendly.

- **WebGen™ 200 Encoder**
  Programs the WebGen™ 200 primer with encryption codes, blast ID and delay times

- **Blast Pattern Identifier**
  An active RFID beacon which links a group of encoded WebGen™ primers to a specific location

- **Blast Inventory Management**
  RFID tags and scanner technology which traces WebGen™ system inventory to the blasthole

- **Transmitter Controller**
  A rugged and compact tablet which is used to control the transmitter and select groups of primers to be fired

- **Blast Key**
  The blast key is an additional security device which must be present with the controller to safely fire a blast

NEW FEATURES

- The WebGen™ 200 Encoder is a compact and ergonomic design which is easier and faster to use
- Encoder functions have been extended and menu structures make navigation simple
- The Windows10 interface is familiar and intuitive
- The tablet utilises WIFI, NFC and RFID communication protocols for fast and reliable data exchange
- The tablet screens are large, clear and can be read in full sunlight
- Blast Pattern Identifier confirms the location of the blast to be fired
- The Blast Key allows the transmitter controller to send the firing command
TRANSMISSION EQUIPMENT
WebGen™ 200 transmission equipment has been upgraded and redesigned for easier deployment.

• **WebGen™ 200 Current Generator**
  Creates the Magnetic Induction (MI) signal when coupled to the antenna, now more compact and set on wheels

• **WebGen™ 200 Battery Pack**
  The battery pack powers the current generator, now with lithium batteries and improved safety features for easier handling

• **WebGen™ 200 Antennas**
  5 new antennas available with transmission ranges of 700m, 350m, 250m, 150m and 50m. These are folding and hinged for ease of transport and handling

• **WebGen™ Communicator**
  Transmits the firing commands from the Transmitter Controller to the Current Generator using any one of the common protocols

• **Misfire detection system**
  Misfire detection system can be fitted to primers to locate misfired holes in a bench for additional piece of mind

NEW FEATURES
• Equipment designed for mobility
• Improved connectors with auto switching
• Light weight lithium batteries and fast charging
• Built-in battery charger
• Five antenna sizes to suit different work range
• Antennas are hardened and are folding assemblies
• Communication options between Blaster and Current Generator has been extended
• Misfire detection system

To learn more about WebGen™ 200 and how it can support your operations, contact your local Orica representative or visit orica.com/WebGen200

© 2021 Orica Group. All rights reserved. All information contained in this document is provided for informational purposes only and is subject to change without notice. Since the Orica Group cannot anticipate or control the conditions under which this information and its products may be used, each user should review the information in the specific context of the intended application. To the maximum extent permitted by law, the Orica Group specifically disclaims all warranties express or implied in law, including accuracy, non infringement, and implied warranties of merchantability or fitness for a particular purpose. The Orica Group specifically disclaims, and will not be responsible for, any liability or damages resulting from the use or reliance upon the information in this document.

The word Orica and the Ring device are trademarks of Orica Group Companies.