Converting to a Komatsu drilling solution comes with a number of benefits for you and your job site

**Custom Solutions**
We work closely with you to determine the best solution for your specifications using:
- Our customer inquiry process
- Selection tools

**Versatility**
Komatsu drilling solutions can be installed on a variety of drill types, including:
- Jumbo drills
- Bolter drills
- Longhole drills
- Tunneling drills

**Reliability & Productivity**
Komatsu drilling solutions are highly efficient:
- Reliable, low-cost, low-weight, innovative designs
- Improved penetration rates
- Wide application range
- Reduction in consumable costs
- Stronger rotation systems

Streamline your operations by upgrading your fleet to a Komatsu drilling solution

Trust your conversion to Komatsu
With each brand and company added to the Komatsu family, we expand our capabilities, leveraging our global teams to push beyond what can be done to create what can be imagined.

As the premier provider of drilling solutions, Komatsu Mining’s extensive experience performing conversions means a seamless transition, regardless of the drill manufacturer.

Since 1921, Komatsu has stood for unrivaled quality and reliability.

Standardize your fleet
- Operators and mechanics train on one system vs. multiple components
- Rebuilds and maintenance require just one service provider
- Reduce need for excess inventory
FEEDS

Our Timberock feeds increase uptime and reduce operating costs by maximizing drilling performance of Montabert drifters through feeds designed to complement their performance.

- Lightweight aluminum components:
  - Feed beam
  - Bolt-on foot adaptor
  - Cradle assemblies
  - Centralizer components
- Quick-release feed cable system includes same length of feed cables
- Steel drill mounts built for specific drills

- Urethane components that are:
  - Lightweight
  - Durable
  - Cost-effective
- Reliable, low-cost, low-weight, innovative designs
- Wide application range

BOLTERS

Our Timberock bolter heads offer increased productivity, reduced costs, and more!

- Patented technology and design in alignment mechanism
- Patented flexible bolt centralizer
- Patented screen-handler option

- Unit can be maintained in the field
- Extended maintenance intervals relative to competitors
- Optimized and simplified component design to maximize time between maintenance

MONTABERT INTELSENSE CONTROLS

Designed specifically for use with Montabert Drifters, our Intelsense controls maximize drifter performance

- Optimizing pressures and flows
- Providing the best penetration rates with the lowest cost per meter in the industry

Cradle Adaptations

Komatsu’s enhanced engineering designs and innovative material produces a robust, reliable cradle that will stand up to the toughest environments.
Montabert Drifters

Increased Safety
Montabert drifters enhance the operator's environment:
• Lower noise level
• Less vibration
• Longer rebuild intervals mean less time at the face for operators

Decreased Costs
Montabert drifters are the lowest maintenance drifters on the market:
• Reduced production and consumables cost
• Lower maintenance costs
• Increased tool life (striking bar, bits, and coupler)
• Less wear on drifter body sections and pins, bushings, boom, etc.

(1) Energy recovery valve
• Allows piston rebound energy to be used for the next blow
  • Better efficiency
  • No internal peak of pressure source of cavitation
  • Best drifter position

(2) Unique piston design
• Generates a perfect, long, trapezoidal shock wave
• Better transmission of energy at the couplings
• Minimum stress into the drilling rods
• Better bit penetration
• Optimum shock wave transmission

(3) Hydraulic dampening system
• Contributes to increased safety
• Protection of the drifter and tools
• Reduced vibrations
• Optional hydraulic reverse percussion system ensures real back hammering
• Tool extraction in fractured ground

Model
Weight | Percussion power | Impact rate | Percussion flow pressure | Rotation flow pressure | Application | Hole range
--- | --- | --- | --- | --- | --- | ---
HC25 | 72 kg (160 lbs) | 8 kW | 3900 BPM | 65 l/min | 150 bar | 30-48 l/min | 175 bar | Light face drilling, bolting | 38 – 64 mm | 1” – 2”
HC28 | 103 kg (227 lbs) | 6.8 kW | 3200 BPM | 68 l/min | 180 bar | 48 l/min | 210 bar | Light face drilling, bolting | 32 – 64 mm | 1.25” – 2.5”
HC50 | 103 kg (227 lbs) | 14 kW | Up to 4,400 BPM | 80 l/min | 150 bar | 25-52 l/min | 150 bar | Face drilling, bolting | 45-76 mm | 1.75” – 3”
HC95 | 170 kg (370 lbs) | Up to 24 kW | Up to 3,800 BPM | 96 l/min | 200 bar | 40-75 l/min | 210 bar | Face drilling, long hole, bolting, scale | 45-102 mm | 1.5” – 4”
HC109 | 142 kg (313 lbs) | Up to 19 kW | 290-3500 BPM | 100-135 l/min | 135 bar | 30-60 l/min | 150 bar | Face drilling, long hole, bolting, scale | 45-102 mm | 1.5” – 4”
HC110 | 200 kg (441 lbs) | Up to 27 kW | 4620 BPM | 95-170 l/min | 165-225 bar | 65-75 l/min | 175 bar | Face drilling, long hole, tunneling, shaft drilling | 51-89 mm | 2” – 3 1/2”
HC112 | 248 kg (547 lbs) | 26 kW | 2740 BPM | 170 l/min | 180 bar | 70-80 l/min | 175 bar | Long hole | 76-127 mm | 3” – 5”

DRAG SOLUTIONS

Montabert drifters are proven in the field to increase productivity while providing a safer environment for operators.

Ready to convert?
Contact your Komatsu Mining service rep or visit mining.komatsu for more information on converting to a Komatsu drilling solution.

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DRIFTER CONVERSIONS
Revolutionizing the mining industry for a sustainable future

Our industry-leading surface and underground mining products are used worldwide to extract fundamental minerals for developing modern infrastructure, technology, and consumer products.

Through our full line of products supported by advanced IoT technologies, and our global service network, we maximize value for our customers while safely and sustainably optimizing their operations.

Komatsu: Leading the way >FORWARD

Since 1921, our enduring global success has stemmed from the principles of our founder, Meitaro Takeuchi, who envisioned a sustainable future built through: quality, technological innovation, globalization, and talent development. These defining principles, along with an emphasis on safety, compliance, and social responsibility, remain a part of our Komatsu DNA.

Visit us online at mining.komatsu