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The Driller's Choice

DRILL PIPES 2023



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Mincon™



MINCON, EST. 1977

Mincon has earned its reputation as The Driller's Choice thanks to nearly five decades of developing world-class rock drilling solutions for a wide range of applications.



EXPERTS ON SITE

Our rock-drilling expertise doesn't stop at manufacturing. Around the world, our highly qualified teams work closely with customers to tailor their requirements to available drilling platforms and ground conditions, while also accounting for application-specific requirements. Importantly, feedback from every drill site is provided to our design engineers, informing the cycle of continuous improvement.



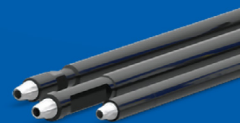
SOLUTIONS FOR EVERY APPLICATION

Our products can be found on drill sites around the world, in the blasthole, exploration, geotechnical, water-well, and geothermal industries. At each of those projects, drillers have insisted on using Mincon tools for their superior reliability, durability, performance, and efficiency.



ENGINEERED EFFICIENCY

For us, efficiency means drilling faster while using less fuel and maintaining productivity throughout the useful life of a product. We want our customers to get the best performance out of their drilling solution. We achieve this with our own, proven designs; precise manufacturing; and proprietary heat-treat processes, all of which result in components that have tight tolerances, as well as tailored surface and material properties that ensure longer life.



EUROPE AND MIDDLE EAST REGION

All European Countries
Middle East Countries

AMERICAS REGION

North and South America

AFRICA REGION

African Continent

ASIA PACIFIC

Australia, New Zealand,
Pacific Islands

POINTS OF PRESENCE

With nine global factories, a growing network of Mincon customer service centres, and more than 200 distributors, we have the international presence that our customers need. We manufacture within region to meet local customer demand, while providing service and support to ensure customers achieve optimum productivity from their assets.

COMPREHENSIVE PRODUCT RANGE

Our ambition is always to offer customers a comprehensive range of drilling tools that will drill faster and last longer. Individually, Mincon products offer incremental savings. Together, a complete Mincon drill string will deliver tangible savings through higher penetration rates, unparalleled durability, rock-solid reliability, and reduced strain on ancillary components.



DRILL PIPES FOR A COMPLETE MINCON DRILL STRING

Mincon offers a comprehensive range of world-class drill string components for the blast-hole, exploration, water-well, and ground engineering industries – supporting hole depths up to 2,500 metres and hole diameters up to 1,000mm. Our drill pipe range features class-leading technologies that bring real value to your worksite and lower the total cost of drilling.

Manufacturing starts with cold-drawn seamless pipe, which ensures our drill pipes are straighter, lighter, and thinner. The result? Smoother drilling and lower weight, which reduces strain on your drill rig and saves fuel during drilling.

Thanks to high-strength steel, case-hardened tool joints, and friction-welding processes, Mincon drill pipes are able to deliver 50% longer life than the industry standard, with overall durability that greatly reduces the cost of drilling and contributes to lowering the carbon footprint of your business.

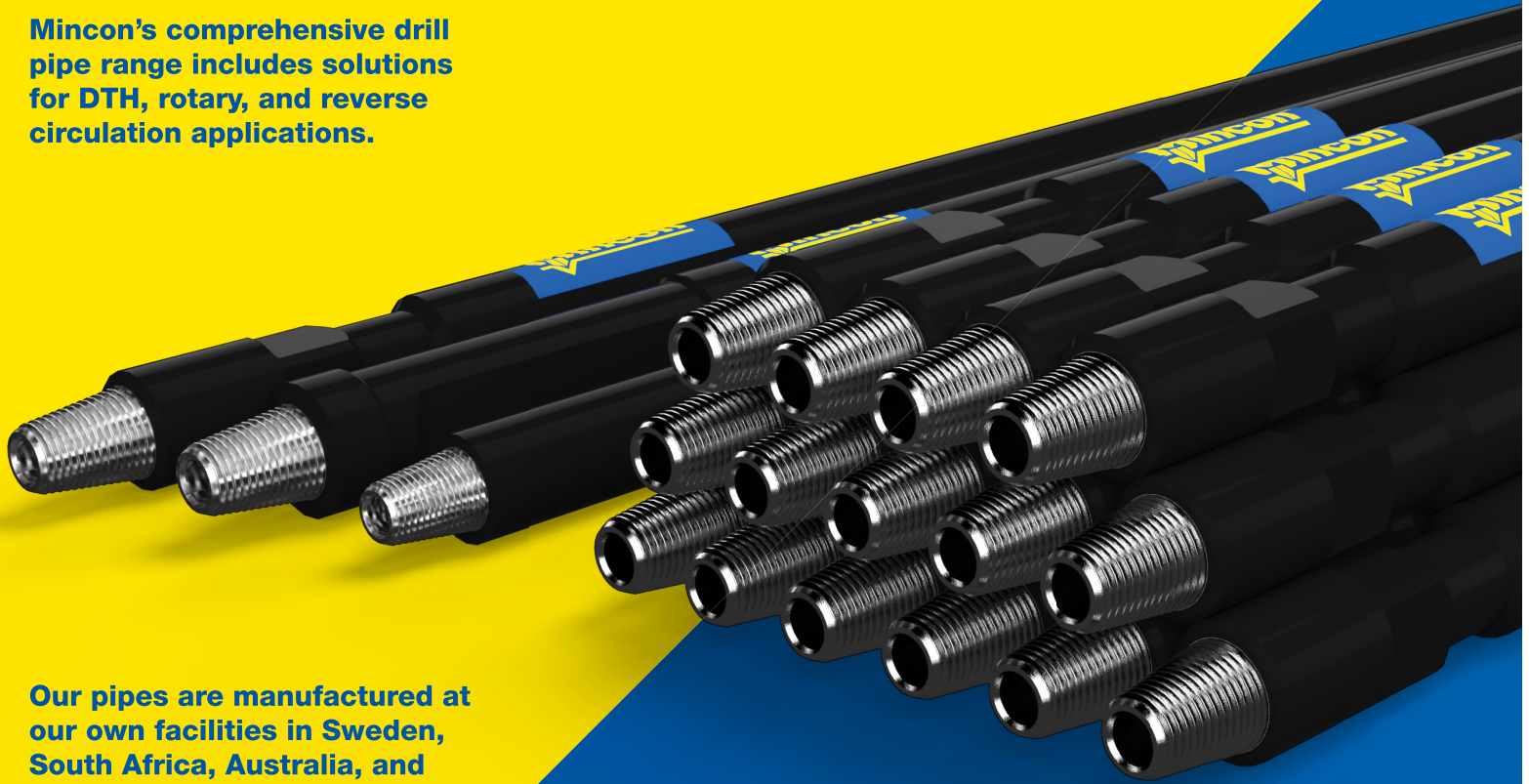
With this focus on precision equipment that reliably delivers higher performance and cost-savings, Mincon drill pipes have become the preferred choice for drilling professionals.





DTH, ROTARY, AND RC DRILL PIPES

Mincon's comprehensive drill pipe range includes solutions for DTH, rotary, and reverse circulation applications.



Our pipes are manufactured at our own facilities in Sweden, South Africa, Australia, and the USA, to ensure ready availability for customers in all regions.



MAIN APPLICATIONS

- Exploration
- Geothermal
- Water Well
- Foundation
- Quarrying
- Open Pit Mining
- Underground Mining

TUBULAR EQUIPMENT FOR MOST DRILLING METHODS.

DRILL TYPE	OUTER DIAMETER	S/S LENGTH
DRICONEQ™ STANDARD PIPES	42 – 406 mm	500 – 12,000 mm
DRICONEQ™ EX-FLOW	70 – 140 mm	500 – 12,000 mm
DRICONEQ™ ECO PIPE	76 mm	3,000 mm
DRICONEQ™ STANDARD DRILL COLLAR	89 mm	1,000 – 3,000 mm
ATLAS COPCO CM (695/760/780)	76 – 102 mm	2,700 – 5,000 mm
ATLAS COPCO ROC (F6/L6/L8/SMARTROC/FLEXIROC)	76 – 140 mm	1,800 – 8,000 mm
ATLAS COPCO T4 (DM30/45/50, T4, RD20)	102 – 194 mm	6,096 – 10,668 mm
ATLAS COPCO SIMBA UNDERGROUND	76 – 114 mm	1,500 – 1,875 mm
ATLAS COPCO TH60 (T2/T3/TH60/75E/100A)	89 – 114 mm	6,096 mm
ATLAS COPCO DM25	89 – 102 mm	6,400 – 9,144 mm
ATLAS COPCO PIT-VIPER/DMM	114 – 343 mm	9,144 – 12,192 mm
SANDVIK DRILTECH-GATOR	76 – 114 mm	2,896 – 7,650 mm
SANDVIK DRILTECH	89 – 219 mm	6,010 – 9,144 mm
SANDVIK CUBEX/UG/V-30/QXR (WITH SPLINES)	76 – 127 mm	1,196 – 6,096 mm
SANDVIK QXR (TJBO) (NO SPLINES)	89 – 140 mm	4,877 – 6,096 mm
SANDVIK DI (TITON/BPI)	76 – 140 mm	3,000 – 7,500 mm
CAT (REEDRILL, SKS, SKF, MD)	102 – 273 mm	7,620 – 10,668 mm
CAT BUCYRUS	102 – 273 mm	8,540 – 10,668 mm
REVERSE CIRCULATION	89 – 305 mm	1,000 – 6,000 mm

Additional lengths, dimensions, and threads are available on request.

THE EX-FLOW® DRILL PIPE

Discover why it's our most innovative drill pipe yet. Packed with state-of-the-art technology, you won't believe the difference eX-Flow® makes in drill performance and efficiency.



KEY FEATURES AND BENEFITS

- Increased safety when breaking joints
- Suitable for all types of high pressure compressors
- Reduced operating hours on compressor and drill rig
- eX-Flow® lowers environmental impact with less CO² and exhaust gas emissions
- More drill metres per hour increases the rate of return on your pipe investment



» **60%**
**LOWER NOISE
LEVELS**

» **15%**
**DECREASE IN
DRILL TIME**

» **20%**
**LOWER FUEL
CONSUMPTION**

EX-FLOW® INNOVATION. EFFICIENCY ENGINEERED.

Using our patented technology, eX-Flow® reduces hammer drilling noise levels by a huge margin. eX-Flow® drill pipes lower the amount of air volume needed in each drill rod, thus reducing sound transfer. This significantly increases site safety and protects your employees.

Lower air requirements also translates to high efficiency, both in performance and consumption. With eX-Flow® drill pipes, you can decrease your fuel consumption by 20% or more.

The reduced air requirements of eX-Flow® drill pipes provide a huge benefit for deep drilling projects and high-altitude drilling where air is thinner. Additionally, eX-Flow® increases the speed of your operation compared to standard drill pipes. Less air is needed to reach your DTH hammer, meaning that it starts drilling sooner.

Reduces internal air volume of drill pipe.

Also acts as noise damper, reducing noise levels.

COMMON THREADS ON OUR DRILL PIPES

Mincon manufactures and heat-treats precision-machined threads for all drill pipes. We support all major threads used in the drilling industry, ensuring compatibility with a wide range of existing equipment.



WORLD CLASS FEATURES

- Cold-drawn seamless pipe
- Case-hardened threads
- Lower weight
- Energy-efficient internal design
- Friction-welded pipe
- High durability
- Lower fuel consumption



WORLD-CLASS FEATURES THAT BRING REAL VALUE.

OUTER DIAMETER	THREAD
42 – 44 mm	AWJ, NC12
48 – 51 mm	AWJ, CA21, CR50, NC13, RD40-6
54 – 57 mm	1 1/4"BD, BWJ, NC16, RD40-6
60 – 63 mm	BWJ, CR60, NC16, RD50-6, TR51
67 – 73 mm	ACT/NWY/MAY JR DQ, GG2", HAUSHERR 2", MAYHEW JR, NWJ, RD50-6
76 mm	2 3/8" API REG, 2 3/8" DIBH, 2"Z, ACT/NWY/MAY JR DQ, GG2", MAYHEW JR, RD50-6, #19
79 mm	2 3/8" API REG, ACT/NWY/MAY JR DQ, GG2", MAYHEW JR, RD50-6, #21
83 mm	2 3/8" API REG, MAYHEW REG
89 mm	2 3/8" API IF/NC26, 2 3/8" API REG, 2 7/8" API REG, 2 7/8" DIBH, 2 1/2" Z, 2 3/8" AOH SPEC, 2 3/8" IF DS, MAYHEW REG, RD70-4, #21, #24
95 mm	2 7/8" API REG, NORDMEYER
102 mm	2 7/8" API REG, 3 1/8" DIBH, #24
114 mm	2 7/8" API IF/NC31, 3 1/2" API IF/NC38, 3 1/2" API FH, 3 1/2" API REG, 3 1/2" DIBH, BECO 3", API NC35, #28
127 mm	3 1/2" API IF/NC38, 3 1/2" API FH, 3 1/2" API REG, 3 1/2" DIBH, BECO 3 1/2", #28
140 mm	4 1/2" API REG, 4 1/8" DIBH, 4" API FH/NC40, BECO 3 1/2"
152 mm	4" API IF/NC46, 4 1/2" API FH, 4 1/2" API REG, BECO 4"
159 mm	4 1/2" API IF/NC50, BECO 4"
168 mm	4 1/2" API IF/NC50, 5 1/2" API REG, BECO 4"
177 mm	5 1/2" API FH, 5 1/2" API REG, BECO 4 1/2"
194 mm	5 1/2" API IF, 6 5/8" API REG, BECO 5 1/4"
203 mm	5 1/2" API IF, 6 5/8" API FH, 6 5/8" API REG, BECO 5 1/4"
219 mm	6 5/8" API IF, 7 5/8" API REG, BECO 6"
235 mm	6 5/8" API IF, 7 5/8" API REG, BECO 6"
254 mm	8 5/8" API REG
273 mm	8 5/8" API REG, BECO 8"
89 - 304 mm	DR, ARD, Metzke, Remet, Matrix, Faber, CSR, RDX

ESSENTIAL ACCESSORIES

Get more from your drill string with Mincon's range of accessories and tools, designed to extend the life of your drilling system and platform.

Not only does our comprehensive range of world-class drilling consumables include everything you need to get started with drilling, but also the support systems to keep you productive and reduce costs. Our selection of accessories includes adaptor subs, fishing tools, stabilisers, drill collars, and breakout keys. Also available in the line-up is Aerzorber – our innovative dual-role shock absorber and floating sub. Using air cushion technology instead of mechanical absorption, Aerzorber is designed to function as a float sub when changing pipes in addition to dampening drilling stresses. As a result, it helps to reduce maintenance costs, lowers strain on your drill rig's rotary head, and improves penetration rates.



THE COMPLETE PACKAGE

Mincon aims to offer comprehensive product range, allowing drillers to tailor a complete Mincon drilling solution for their application and drilling platform.

Our range includes DTH hammers, DTH drill bits, rotary drill bits, geotechnical and foundation drilling systems, reverse circulation systems for exploration drilling, horizontal directional drilling systems, and drill pipes. Each of these offerings has been designed in-house by Mincon and is manufactured at our state-of-the-art factories around the world.

In addition to our class-leading tools and solutions, we offer customers ancillary equipment for the operation and maintenance of their drill string. This equipment can be installed at customer sites or accessed through Mincon service centres.

We also offer a range of drilling fluids, including Mincon Envirosafe rock drilling oil which ensures the correct lubrication to prolong the service life of DTH hammers. The range includes Envirosafe Foamer and Hole Control, designed to stabilise boreholes in specific ground conditions.

Additional information on the complete Mincon product range can be obtained from your Mincon service centre, distributor, or by visiting www.mincon.com.



MINCON GROUP PLC

Smithstown Industrial Estate,
Shannon, Co. Clare, Ireland.

E. sales@mincon.com

W. mincon.com