



THE iSERIES BUYER'S GUIDE

CHOOSING THE RIGHT
RIG FOR THE JOB



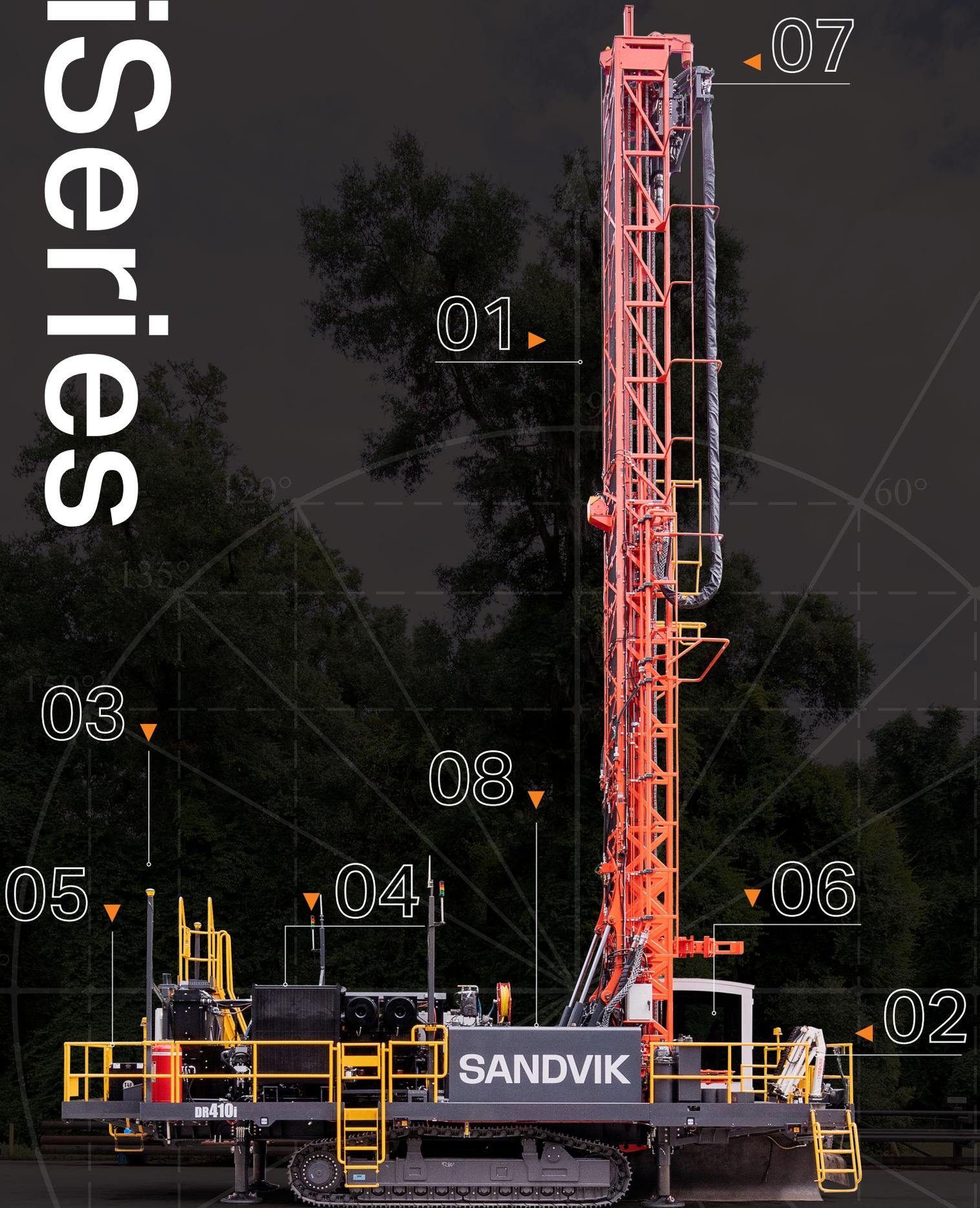
INTELLIGENT RIGS. IMPRESSIVE RESULTS.

The iSeries family of rotary blasthole drill rigs represents the next generation of surface drilling technology. Designed for the future, these automation capable drills are equipped to meet your needs today and in the future.

iSeries drill rigs simplify operation using automated functions while an intuitive user interface delivers a consistent operator experience across the iSeries range. The comprehensive Sandvik Intelligent Control System Architecture (SICA), a key component of our iSeries family, provides the operator with real-time feedback regarding the machine's performance and health, along with tools for drill planning, reporting and analysis ensuring quality and consistency hole-to-hole.



iseries



MAST



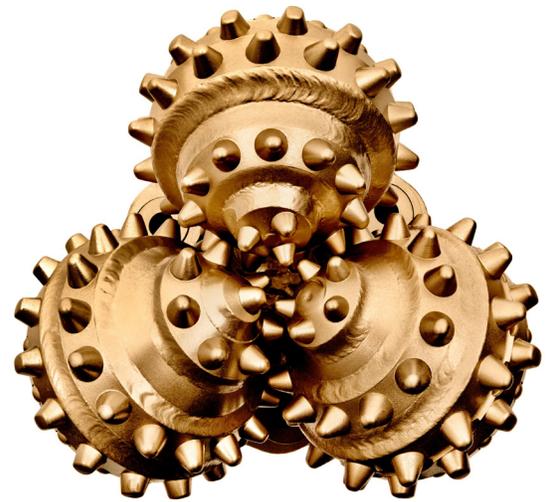
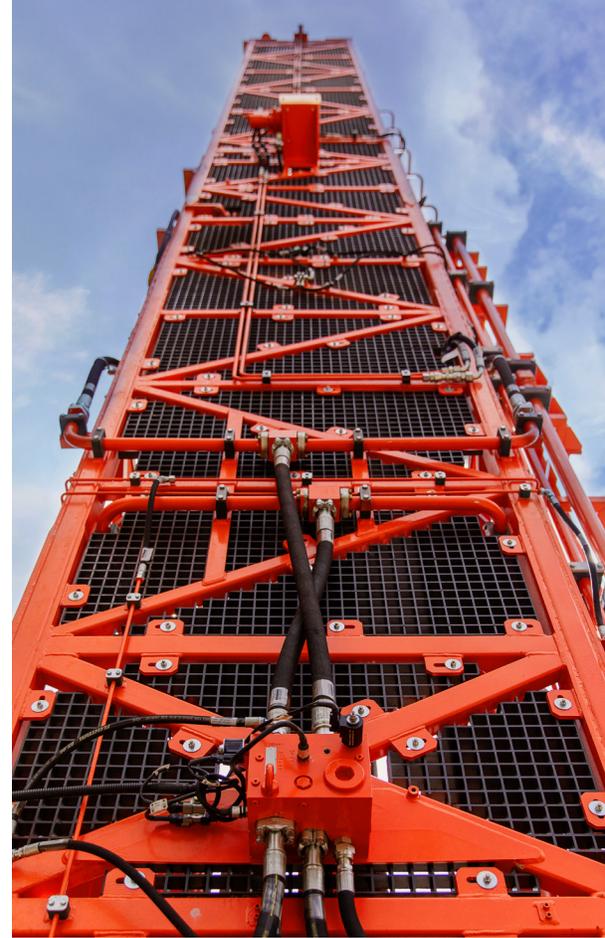
The iSeries mast design offers increased strength, durability and productivity. The chain feed system delivers cleaner holes which improve blast quality at a lower cost.

It's no wonder that our state-of-the-art mast design is one of the top reasons our iSeries rigs are unmatched by competitors.

KEY FEATURES

FEATURE	BENEFIT
Chain Feed System	Improves hole quality which reduces operating costs and improves blast quality, lowering maintenance costs
Timing Sprocket	Synchronizes left and right chains ensuring consistent feed
Auto Chain Tensioning	Supports extended chain life while increasing productivity via reduced scheduled downtime
Mast Access*	Dedicated mast access with enhanced safety enables thorough mast inspections helping reduce downtime

**Optional*





PIPE AND TOOL HANDLING

All iSeries drill rigs are equipped with labor saving pipe and tool handling features which extend tool life, improve productivity and reduce total cost of ownership.

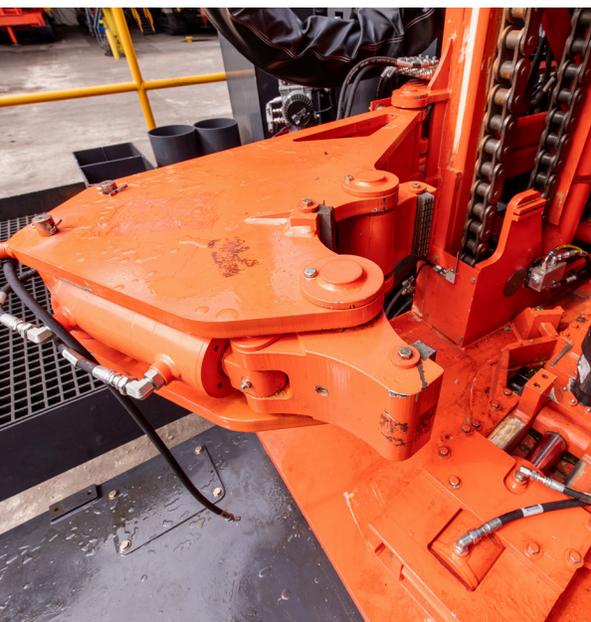


KEY FEATURES

FEATURE	BENEFIT
Breakout System	The Sandvik-designed system** reduces injury potential and offers safer bit changes
Deck Crane*	Allows for one man operation for bit change without manual lifting
Auto Thread In/Out	Increases tool joint life leading to reduced operating costs
Pipe Centralizer/ Traveling Centralizer	Increases life of rig components and improves accuracy and quality of drilling vertical and angle holes

**Optional*

***Sandvik is the only OEM to offer a self-designed system*



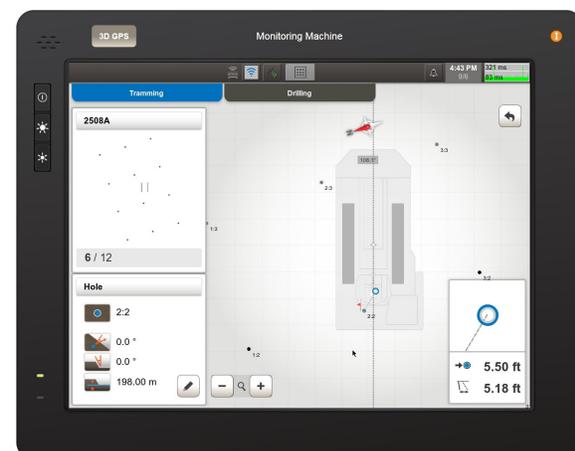
AUTOMATION AND TECHNOLOGY

The Sandvik iDrill on-board automation platform, part of our fully-autonomous drilling suite, provides automation options and digital services designed to speed up your production process while lowering costs to support your operations. Sandvik Performance iDrill and Navigation iDrill solutions work together to produce accurately placed, consistently clean, precision-drilled holes delivering improved fragmentation, productivity and asset utilization. The scalable nature of our software enables you to use as much or as little technology as you need, knowing more is available when you need it.

KEY FEATURES

FEATURE	BENEFIT
High-precision Navigation	Improves blast quality/ fragmentation, reduced drilling time and increased productivity and throughput
Auto Mast	Angle drilling accuracy can improve fragmentation while reducing stress on the mast structure
Auto Level	Precision leveling improves productivity and reduces structural stress
Auto Drill	Allows faster, more precise drilling delivering improved fragmentation, improving truck/shovel cycle times and reducing operational costs
Auto Pipe Handling	Increases tool life and provides pipe change consistency, saving on operating costs for maintenance and component replacements
Connectivity to Third Party Data	OEM agnostic, streamlining flow between applications and automating data transfer
AutoMine Compatible	Allows faster implementation of automated solutions with scalable options, so you can add functionality as needed

**Check with factory for available features on each model*





DR410i control screen

INTELLIGENT FEATURES



iSeries rigs are loaded with intelligent features, helping operators take the guesswork out of daily activities. Features like Independent Cooler Control, On-board Diagnostics, System Health, Wireless Remote Control, SICA Control System and Electronic Depth Counter help maintain operator awareness. This provides operators the ability to identify and rectify potential issues as (or before) they arise, ensuring production while limiting down-time and cost.

KEY FEATURES

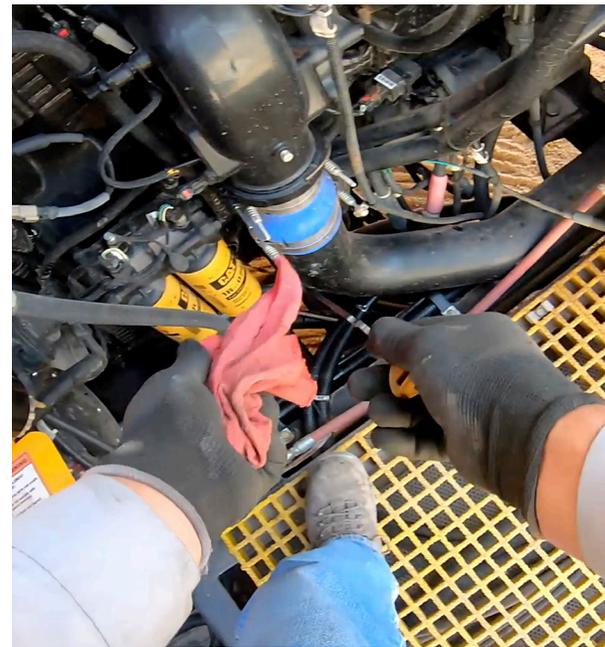
FEATURE	BENEFIT
Independent Cooler Control	Precision control over cooler temperature helps improve component life and reduces fuel burn, system load and noise
On-board Diagnostics	Reduces troubleshooting time to increase productivity
Remote Factory Diagnostics	Allows factory experts to assist with increasing availability via remote troubleshooting assistance
Wireless Remote Trimming	Enhances safety by removing operators from dangerous environments
SICA Control System	Provides consistent operating experience across iSeries machines with proven reliability and enhanced control of critical rig functions
Electronic Depth Counter	Precision hole depth improves blast quality/fragmentation

MAINTENANCE

The iSeries family of drill rigs was designed to be maintenance friendly, reducing the time needed for scheduled and unscheduled tasks. By minimizing the need for maintenance personnel contact with the drill, you greatly improve your return on investment.

KEY FEATURES

FEATURE	BENEFIT
Accessibility	Allows easy access to frequently maintained components
Centralized Service Center	Reduces time for fluid fills, improving utilization and reducing the chance for fluid spills and negative environmental impact
Off-board Diagnostic Connection	Reduces time to remedy system errors with a direct connection to factory experts
Does Not Require DEF	Reduces service requirements with less fluids to manage, lowering operating costs
Sandvik Support	Tailor options to fit your requirements with specialized OEM trained technicians
Centralized Lubrication System	Extends component life reducing maintenance costs and increasing uptime
Sandvik Designed Tracks	Robust design improves track life





ERGONOMICS AND SAFETY

Safety remains our #1 concern. Sandvik iSeries drills utilize key safety features to help reduce risks to mine personnel operating in dangerous environments. We've also implemented special ergonomic features to enhance the operators interface with the machine, leading to improved operator ease, comfort and production.



KEY FEATURES

FEATURE	BENEFIT
Quiet Cabin	Provides more comfortable environment for operators
In-seat Controls, GUI	Ergonomic for operators' comfort with instant access to drill information and diagnostics
Protective Features Throughout	Helps reduce chances of operator error, improving safety and reducing downtime
Dual Point Compressor Hose Harness	Improves safety and compliance
Bit Change Above Deck & Bit/Hammer Storage	Improves safety and accessibility
Safari Roof*	Provides better climate control, creating a more comfortable environment for operators
Oversized Drillers Window	Improved visibility reduces error potential and machine damage

**DR412i and DR416i models*



ROTARY HEAD

We've redesigned the rotary head for the iSeries, allowing for extended fluid and component life. Faster, safer replacements reduce maintenance intervals and limit chance of potential injury.

KEY FEATURES

FEATURE	BENEFIT
Rotary Head Fluid Filter	Increases rotary head and fluid life
Quick Change Rotary Head	Provides faster and safer replacements



SUSTAINABILITY

Sandvik makes sustainability a priority, and our iSeries family is no exception. With intelligent system load management, our iSeries drills help reduce carbon emissions while extending component life. Not only can you feel good about reducing your environmental footprint, reduced fueling events and system load can all lead to lower operating costs—making it a win-win.

KEY FEATURES

FEATURE	BENEFIT
Compressor Volume Matched to Application	Reduces fuel burn, system load and environmental footprint Extends engine and compressor life
Compressor Control System	Reduces noise, fuel burn, system load and environmental footprint while increasing component life and hole quality finish
Operational Readiness Document	Formalized plan for drill implementation creates a faster ROI
Structural Testing	Increases confidence in machine durability, reliability and quality



PARTS AND SERVICES

Sandvik Mining and Rock Solutions Parts and Services division is committed to your productivity and ready to act 24 hours a day, 365 days a year to keep your Sandvik equipment running.

Around-the-clock service, qualified engineers and genuine components and parts on demand come together to minimize your unplanned downtime. My Sandvik customer portal and customer support center delivers you 24/7 support, no matter where you are. You can access your fleet information, request quotations, place orders and much more, any time.



SANDVIK ROCK TOOLS

When using a selection of rock tools, you need to know that they are reliable. Sandvik is experienced in both using and supplying high quality rock tools, and offer an extensive range to cover all of your needs and requirements.

SANDVIK DTH DRILLING TOOLS

For efficient down-the-hole (DTH) drilling, Sandvik offers high performance drilling tools to increase your productivity and reduce your total operation cost.



SANDVIK ROTARY DRILLING TOOLS

Sandvik offers a wide range of rotary drilling tools needed to support our customers entire process, offering a complete drill string for rotary applications, Sandvik has the product to meet your specific demands.

ROCK TOOLS SERVICES

In addition to supplying your operation with the premium brand of rock tools, our range of added services and digital solutions support your drilling operations, everyday – all year round. And we can also take full responsibility for the supply and life cycle management of your tools with our Rock Tools Contract Services.



CARBIDE RECYCLING

The global shortage of raw materials inspired the Sandvik scrap recycling program, an initiative that addresses today's increasing environmental concerns while also benefiting customers' bottom line.





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