

Success Stories to Spark Your Water Well, Geothermal, and Cathodic Protection Drilling Business

# DYNAMIC DRILLER

SPRING 2021

**DRILLMAX**<sup>®</sup>

## DM250 Water Well Rig

DRILLMAX<sup>®</sup> DM250 owners praise the compact rig's power and versatility for completing tight residential water well and geothermal jobs faster and easier with minimal maintenance and without tearing up yards and landscaping. As one of the only small truck options with 22-foot stroke under class A/B CDL, the rig options now include a rod carousel, centralizer tray, and on-board grout mixer.

*Tucked in tight to a new residence, the DM250 quickly completes a geothermal well installation.*

# Profit Boosting Water Wells

With an affinity for big machines and a legacy of work in oil fields, Lance Gleich and brother Clayton began **LG DRILLING** six years ago. The past couple of years brought rapid growth — from one rig to three, and from two employees to six.

"We've experienced success thanks to reliable employees," Lance said. "The market is growing quickly near Interstate 25 and 80 where we're located. Our competition is older and unwilling to put in 12-16 hour days, so that helps."

With business booming they were ready to replace their 70-year-old rig. Having run DRILLMAX® rigs in the past, driller Wade Weaver suggested if they were going to spend the money they should check them out. Drawn to the DRILLMAX® DM450 for its simplicity, they've since discovered numerous other benefits.

## SUPERIOR SAFETY

"It's safer with lots of hands-free capabilities so not spinning pipe by hand," Wade said. "You're pulling levers versus having hands on parts. It's quieter and virtually maintenance free."

Clayton sees this as a benefit to the operator.

"We're not beating guys up and not beating equipment up thanks to the hydraulics and fewer moving parts," Clayton said. "It requires less physical labor so we're not as worn out and tired at the end of the day. It's much safer."

## INCREASED PRODUCTION AND PROFIT

The rig's ease and efficiency also benefit their production rate.

"The tophead drive has enabled us to cut out a full day off of well installation," Clayton said. "It's really efficient."

The business boost is quickly offsetting the cost of a new rig.

"Overall we've had a profit jump. We took on a payment, but our increased production saves 52 days a year, which means we can drill another five to six holes per year," Lance said.

## ENGINEERED IMPROVEMENTS

Wade sees improvements in the new DRILLMAX® compared to the one he'd run previously completing 10 to 14-inch holes 500-feet deep for cathodic protection, doing a lot of mud rotary and air percussion.



"I like this rig because they improved a lot of things, beefed things up — sandline, winch line, top of derrick, motor for winch — just improved a lot of little things," Wade said. "The table design, improved pulley system, improved rod loader — overall it's a pretty handy rig."

## PERFORMANCE CONFIDENCE

They feel professional and confident to quickly complete the work.

"We can pull up to a job site and be drilling in 20-25 minutes versus an hour, hour and half with the older rig," Lance said.

Clayton believes the rig will drill through anything in Wyoming.

"There's no downtime between drilling, chasing, grouting. With the other rig it's 20 minutes to set up for different aspects," Clayton said.

And now Wade feels confident taking on more challenging work.

"We can do more mountain work because we can run air percussion," Wade said. "The top head is drill bit friendly. With the older rigs we couldn't run certain style bits without tearing them up, but we can use them with this rig."

## CUSTOMER SERVICE

Ultimately, the customer service has impressed them the most.

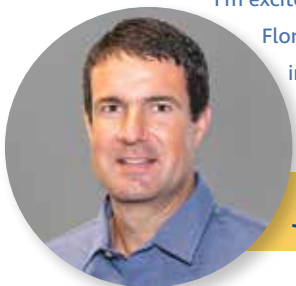
"With our old rig we couldn't just call in and ask what part number I need," Clayton said. "DRILLMAX® even has a book that lists parts. They have everything."



## Call Donnie or Dillon at DRILLMAX®

**DONNIE WOOD**, based at the Southeast Service Center in Ocala, Florida, puts his more than 20-years of experience to work helping new drillers with their setup and training. He leverages his mechanical skills, desire to help others, and easy-going communication style to consistently put customers' needs first.

"I'm excited in 2021 about the ability to provide rig service in Florida, Kansas, and now Pennsylvania. No one else in the industry offers this level of service support," he said.



352-854-1566

DEPENDABLE CUSTOMER SERVICE

**DILLON SICKLER**, based at the East Coast Service Center in Oxford, Pennsylvania, spent more than a decade in the Schramm organization supporting mud rotary and air rotary rigs around the world. He enjoys spending face-to-face time with water well rig owners evaluating their needs and solving problems.

"The new DRILLMAX® options pair well with existing rig offerings to improve reliability and ease of drilling. Our DRILLMAX® engineers are constantly working to release new innovative drilling products. This is a great time to join the DRILLMAX® team," Dillon said.



484-467-1587

# More Family Time

TX

Engineer Joel Christy provides on-site training to Rhoads Farms' drilling crew.

The four-generation **RHOADS FARMS** business includes farms, ranches, 450 wells, and an insurance company. Twelve years ago Mark Rhoads added well drilling to their portfolio.

"I grew up with a driller who drilled all our wells and set pumps. When he retired, he offered the business to me and I took him up on it," Mark said. "Most days I'm glad I did."

Focused on drilling house and irrigation wells within an hour and a half radius of Lubbock, Texas, typical wells are 21-inch holes, 450-feet deep through lots of clay, sand, and gravel.

"Ninety-nine percent of the well drilling is serving other customers," Mark said. "I haven't even been back on our own stuff in nearly a year."

Getting weary of repairing their aging rig, Mark searched for a new water well drilling rig.

"I talked to other manufacturers, but I got a better vibe from DRILLMAX<sup>®</sup>," Mark said. "I felt like their service was way better."

He choose the DM450 in large part because it was the biggest DRILLMAX<sup>®</sup> available.

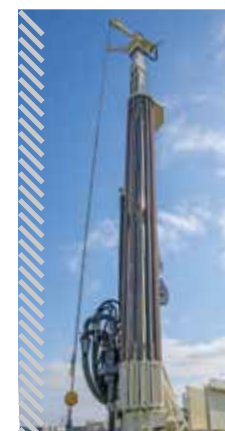
"It's fast and efficient. We get paid by the foot, so we need to make a hole fast as you can, and the DRILLMAX<sup>®</sup> DM450 does that," Mark said.

The 2-speed head and winch line make tripping in and out fast. As a top head drive rig, they can always spin in and out of the hole should they get stuck. When combined with the 40-foot mast – one of its kind – for setting 40-foot casing, they can get jobs done more efficiently.

"I'm able to complete jobs faster and do more work per week, which means more money and keeping customers happy," Mark said. "It also means more time with my kids and not working weekends trying to prepare for the next week."

While the heat and AC on the rig means a more comfortable commute in the "smooth and efficient" rig, the technical support from Joel Christy, engineer, and Donnie Wood, general manager, permeates Mark's praise of DRILLMAX<sup>®</sup>.

"Service is a big deal in the drilling world. I can call and someone picks up the phone," Mark said. "Joel Christy is the GOAT of DRILLMAX<sup>®</sup>. We found a neglected mutt on a job site and now have a drilling dog named Joel. It's small and a firecracker. We call it JC for short."



## Engineered Advantages of DM450

From the *tophead offering both torque and speed to the impressive power to weight ratio*, drillers have taken notice of the thoughtfully engineered solutions on the the latest DM450.

- *rollers on top head carriage for smooth transitions and easy adjustments*
- *sturdy drill mast for straighter holes*
- *powerful automatic truck chassis for fast and easy mobilization*
- *effective rod box and single rod loader for fast tripping in and out of the hole OR rod carousel with ability to back load*
- *durability and reliability to stand up to tough sites and numerous borings*
- *assorted mud pump options to suit multiple applications and geographic conditions*
- *manual hydraulic controls provide power, precision, and reduced maintenance*
- *easy maintenance and troubleshooting*



## Additional DM450 Options for Easier Jobs

### Separate Auxiliary Hydraulic Circuit

Eliminates drilling functions and fluid circulation battling for hydraulic pressure and flow  
Hook up a mud cleaner or grout mixer, you're ready to go.

### Factory-mounted Mudlayer 250 Mud Cleaning System

### Rod Carousel and Rod Box

Carry 240-feet of 3.5-inch rods with additional 300 feet in box, using winch and jib to back feed carousel. Head shifts left or right before it reaches the top.



[drillmaxrigs.com/DM450](http://drillmaxrigs.com/DM450)



[drillmaxrigs.com/mud](http://drillmaxrigs.com/mud)



**WATCH**  
NEW mud  
cleaning system



## Legacy Owner Chooses New DM250 for Next 125

In business for more than 125 years, **PARTRIDGE WELL DRILLING COMPANY INC** is in it for the long haul, serving Northeast Florida completing residential, monitoring, and municipal wells. Giving customers the best product possible and keeping them pleased rests on a fleet of six to eight rigs running daily. For six generations of Partridge family members, they've come to depend on DRILLMAX®. So when time came to upgrade a 2004 model, they didn't look far.

"That rig did 90 percent of our work, so we wanted to keep the same footprint," Lance Partridge, partner, said. "We briefly considered others, but they couldn't compare. They didn't have the features and muscle that the DM250 has."

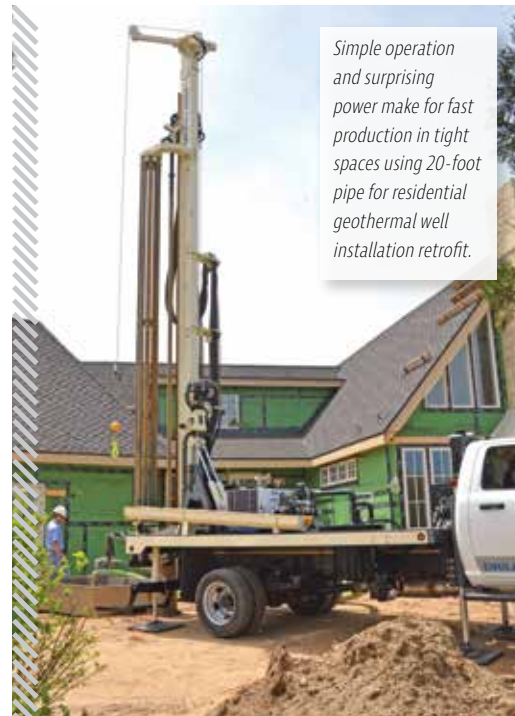
With the new DM250 they found the footprint they sought, but a much-improved drill rig. "The new DM250 is similar but much different in all the best possible ways. You can definitely see the improvement just by looking at it – from fit, finish, and design details – let alone running it. It's faster and stronger than the previous model," Partridge said.

For Partridge, the impressive tophead speed is complimented by a host of features for easier operation and maintenance. The control panel set up and helper controls on the passenger side for the rod loader makes the rig user friendly. Smoother rollers on the mast require less maintenance and repair. The plumbing and valves on the mud pump make it easier to operate while also lasting longer without as much maintenance.

"The centrifugal pump means we can drill out of a tub rather than in a pit like we used to. This saves time, money, and energy. It keeps the site cleaner and we don't have to haul a tractor to dig the pit," Partridge said. "It's increased production efficiency — faster, cleaner, safer."

With their oldest DRILLMAX® rig approaching 21 years old, Partridge knows he can rely on excellent customer service when they need parts or repairs.

"There's no problem getting parts. Simply pick-up the phone to call and get parts immediately," Partridge said. "DRILLMAX® makes a good-quality product that lasts a long, long time."



## Veteran Drillers Praise DM250 Engineering

Drillers notice the attention to detail DRILLMAX® engineers placed on making their jobs easier. From *simple operation and surprising power* to *fast production with 22-foot stroke*, there is loads of added value.

- costs cut by efficient mobilization under class A/B CDL
- power of a large rig contained in a small footprint
- production provided by head speed, rod loader, and helper side controls OR rod carousel with ability to back load
- durable, mechanical controls make training new drillers easier
- production consistency possible by array of mud pump options
- physical comfort created by wide driller's platform
- easy adjustment and longer life of rollers on top head carriage
- simple maintenance via deck access panel enabling work from above the rig



### Latest DM250 Options Make Jobs Easier

**On-board Grout Mixer**  
Eliminates drilling functions and fluid circulation battling for hydraulic pressure and flow.

**Centralizer Tray**  
Transports stabilizer on rig in user-friendly location.

**Rod Carousel**  
Doubling as a drill rod carrier during transport, the carousel carries eight, 3-inch rods. Optional small rod box carries five additional rods.



[drillmaxrigs.com/DM250](http://drillmaxrigs.com/DM250)

[drillmaxrigs.com/CAROUSEL](http://drillmaxrigs.com/CAROUSEL)



# Best Business Investment



*The ability of the DM250 to access tight residential lots has the competition calling for help on jobs.*

Nate Hommel started Always Pure in New Jersey during 2013. Building revenue doing commercial, residential, and agricultural 4 to 6-inch wells, mud rotary drilling 100 to 250-feet deep, he bought out Clearwater Well in 2016. In merging the 40-year-old business into **ALWAYS PURE CLEARWATER WELL**, he acquired an aging rig.

"The rig kept breaking down and wouldn't deliver workload doing up to 12 wells per week," Hommel said.

They considered one manufacturer's rig but ran into high prices and difficulty getting detailed information.

"They wanted \$200,000 more and we couldn't get specifications or technical information," Hommel said. "If you're buying a machine that expensive, you want to know everything about it."

They didn't even consider another manufacturer's rig, preferring mechanical controls versus risky computer or upgrade problems.

"We do a lot of residential work close to the Jersey Shore. We needed to get close in tight to homes, expensive landscaping, and fences without damage," Hommel said. "We had a big, heavy drill rig, so we looked at smaller machines with the same power but lighter weight — so we didn't have to worry about pavers or sod — but would know we had power to handle hard drilling to 200 feet."

Hommel found the price, information, and combination of small size and big power he was seeking in the DRILLMAX® DM250.

**"It's a little package that gets the job done. I've run at least four other manufacturer's bigger machines and they have nothing on the DRILLMAX® DM250," he said.**

Now he's accepting work no matter how far down the road.

"We used to not go further than an hour away, but now we can fly down the highway," Hommel said. "It drives like a regular truck."

The rig production speed and power in such a small package match the description Donnie Wood, general manager, provided.

"When we first got the rig, I tested the speed. I did one, 80-foot well. From the time the bit hit the ground to completing the well took less than 20 minutes," Hommel said. "There are some brutal formations where we drill and our older rig would take 45-50 minutes to chew through. In hard formations or where water is down far, the air compressor helps develop the well faster. It doesn't matter what formation we're in, it just chews through it."

The compact size has the competition subbing work to him.

"Competitors call us and ask whether we can stuff into some places, drill, and get out," Hommel said. "It's faster than their rigs and can get in with less damage than other people."

The speed of the DM250 equates to more production in less time doing double-cased wells required by the salt water in the area. Beginning a 240-foot well in hard formations at 10 a.m., Hommel completed the well by 3 p.m. taking time to do the job right. On a job working across the street from another drilling company, he confirmed just how much he was outpacing the competition.

"We drilled 40-feet, placed outer casing, cemented and were done by 11 a.m.," Hommel said. "We came back the next day at 8:30 a.m.

and drilled well down, developed, and grouted. Our team of three left at 2 p.m. while the team of five across the street were still working."

Stacking irrigation well production, Hommel recently completed three wells returning home by 2 p.m. This gives him confidence to stack even more residential wells.

"Last year we sold 15 wells in a development and it took us three to four days of drilling. This year I sold five in the same development and we're going to try to do them all in one day," Hommel said. "They're not deep, but we completed three irrigation wells by 2 p.m., so we believe it's possible."

The increased production and reliability means Hommel, as owner, can take a step back and sell more.

**"It allows us to make more money and be more aggressive with selling," Hommel said. "A driller can quickly learn and run it, so I can sell more work and keep him drilling."**

And when combined with payroll savings from faster production and fuel savings when mobilizing, Hommel believes the rig pays for itself.

"When I think about the weekly pay load of carting the old rig around, the savings from fuel and my time combine to half the payment," Hommel said.

So the payment doesn't make him sweat

**"It's the best investment I've ever made in my business," Hommel said. "All the guys can drive it 70 mph down the highway. The helpers can set it up — where before I didn't have that option — allowing guys to do more things outside their level."**

Hommel is already planning to trade this DM250 in on a new one seven years from now — just before he pays it off.

"If it's this good now, in seven years just think how much better they are going to be," Hommel said.

Reflecting on everything he's overcome building his business, including the rundown rigs he's used, humbles Hommel.

**"I started my business eight years ago from nothing. So now, to use a machine like this, it's a great feeling," Hommel said. "It gives you all the power of a big rig, just in a small package."**

# Three-generation Company Thrives After Rig Theft

Capabilities of DM250 trim hours off each job, permitting the crew to complete more jobs which ultimately reaps more profit.



After cement casing a well July 3, 2020, Greg Crumb left the drill rig overnight while the cement dried — just as he'd done for 30 years. Except this time — at 4 a.m., July 4 — someone stole his rig.

"We did all the paperwork with the cops and immediately started searching online for a rig," Crumb said. "I contacted Donnie on Wednesday, went and looked at the rig on Saturday, and two weeks later we had it."

While they were in a hurry for a rig, they did look at another manufacturer's rig but found the DRILLMAX® DM250 similar to their stolen rig — built by his grandfather — and lower in price.

"Availability and proximity factored into our decision," Crumb said. "We took into consideration the ease of getting parts and service so downtime is a minimum."

Located in Clewiston, Florida, the three-generation **CRUMB'S WELL DRILLING** is only a few hours away from the Geoprobe®/DRILLMAX® Southeast Service Center in Ocala, Florida.

"My Grandfather started the company in 1970. My father took over, and I'm in line to take over in a few years," Crumb said. "We expanded into service when my father took over and focused more on the smaller wells rather than the big wells my grandfather took on."

Crumb primarily focuses on 2 to 4-inch residential wells. While they appreciated the similarities the DM250 had with their stolen rig, Crumb has also noticed the differences.

"It's way faster than our other rig. I ran the other one since 2006. It was the only thing I'd run. So the speed surprised me more than anything," Crumb said. "We can get other things done. We're typically done installing the well by 2 p.m., so we have the rest of the day to do other jobs."

The speed makes it more cost effective for the family business.

"The DM250 shortens drill time by a couple hours per day at minimum, so we can get more jobs done in the afternoon, so we're making more money," Crumb said.

He quickly rattles off features like the winch system, centrifugal pump, and the sleek design with the pumps underneath when he describes the distinctions. The compact size also stands out against the competition.

"We can fit into yards the other guys can't," Crumb said. "We can't drill as large a well, but as busy as we are, we don't need to do the large ones. We're five months behind, so we work the hell out of it six days a week."

Recently, Crumb completed a 6-inch well to 300 feet providing water for the spray tanks at an orange grove.

"We'd never attempted that size well with our other rig," Crumb said. "We set 160-feet of 6-inch casing, sent 4-inch screen down 300 feet, in two days."

The backlog of work and versatility of the DRILLMAX® DM250 make him long to add another DM250 to his fleet.

"Wish we had another one. If only I had an operator," Crumb said. "We can punch a 2-inch well in two hours, 4-inch well in five or six hours, or jump up to a 6-inch well in about as much time. I'm very happy with the rig."

**FREE**

**DRILLMAX** Heavy-Duty & Commercial Rig Manufacturer

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Drilling Rigs

POST AND SELL YOUR UNDERUTILIZED DRILLING EQUIPMENT TO FREE UP CASH.

Model	Year	For Sale By	Updated
Model: CRUMBO CT 200	Year: 2016	For Sale By: DRILLMAX	Updated: 2023-07-01
Model: DRILLMAX DM250	Year: 2016	For Sale By: DRILLMAX	Updated: 2023-07-01
Model: DRILLMAX DM250	Year: 2017	For Sale By: DRILLMAX	Updated: 2023-07-01

**Used Rig Posting** [drillmaxrigs.com/USED](https://drillmaxrigs.com/USED)

# Dynamite in a Small Package

For more than 100 years, the small family-owned **KELLY WELL DRILLING LLC** has served western Kentucky. Having never hired a driller outside the family, the three-generation company completes primarily mud-rotary doing some irrigation wells for center pivot but mainly residential wells.

In the market for a mid-range rig, son-in-law John Bowman, owner/operator, took notice of the DM250 at the South Atlantic Jubilee. Discussions and demonstrations with Donnie Wood led them to purchase the rig capable of drilling deeper and larger diameter wells in their unconsolidated geography.

"Having mainly run mechanical rigs, these hydraulics are smoother. It's easier to learn," Bowman said. "I put my daughter on it this summer. The controls are simple. The helper can load the rod, getting you ready so the driller can concentrate on what he has to do."

The simplicity and ease has been a "game changer."

"None of us are getting any younger. It's like a video game to the high school kids helping us in the summer," Bowman said. "They can be working on a rod and feel more important."

The similarity of the controls to those on the larger DM450 has his wheels turning.

"It's a guy thing – you're gonna want a bigger one – so we're already looking at the DM450," Bowman said.

The ability to access jobs, even when there's been lots of rain, without needing a CDL means they can send any guy to a job – even the helper. Being on the Dodge 5500 chassis also makes for easier mobilization between jobs. But the speed of the rig stands out as the greatest advantage to Bowman.

"We service lots of chicken barns doing multiple wells on a site. If it's a good, easy site, we can do one well per day and be ready to go the next morning. We did five wells in one week, it's just that much faster and simpler," Bowman said. "The old rig would take six days or more and we would need a couple of good drillers to make it happen."

The faster turn around volume ultimately means more money, but also more time away from the job.



Easy mobilization and rig set up at a limited access residential job site. This DM250 is equipped with the single rod loader.

"We start at 10 a.m., done by 2 p.m., and back home – that's very nice," Bowman said. "It's dynamite in a small package."



**Request a Demo**

## Industries Using DRILLMAX® Drill Rigs

Largely known for their work in the water well industry, the DRILLMAX® line of compact, powerful top head drive rigs can be found in an assortment of industries across the United States.

- water well
- geothermal
- cathodic protection
- electrode ground beds
- dewatering
- mining



[drillmaxrigs.com/APPLICATIONS](http://drillmaxrigs.com/APPLICATIONS)

“.....

I'm looking to expand my business and exploring the possibilities. The drill rigs are very well built, very robust, and versatile. I think they have a good thing going here.

— Rian Humphreys,  
HI Drilling, California  
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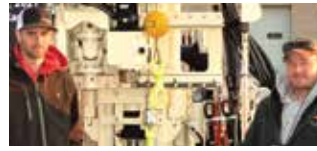
APRIL 22, 2021 - SALINA, KANSAS  
**Geoprobe®**  
**OPEN HOUSE**  
★ **DRILLMAX®** ★  
**INDUSTRY LEADING FIELD EVENT**

We were honored to host numerous new guests and returning members of the DRILLMAX® family during our sixth Open House. The day filled with field demonstrations debuted NEW features on the industry favorites DM250 and DM450 as well as NEW tooling offerings for geothermal, water well, cathodic protection, and dewatering industries. Guests left excited about the prospect of what they witnessed making their jobs faster, easier, and safer. If you missed the event, give us a call to learn more.

*Find out more about the NEW products unveiled at Open House: [drillmaxrigs.com/OH21](http://drillmaxrigs.com/OH21)*







DM450



# Drilling Rather Than Repairing

The second-generation **WILLEY & COMPANY** got their start doing septic systems and built a reputation for doing things quickly.

"Many times people will call a company and won't get a return call," Mike Willey, owner, said. "We make sure to return calls in one day and most times get the job done in one day."

When Mike took over the business in 2005, he immediately got licensed as a well driller. In 2007, they bought out the company they were subcontracting wells out to and jumped into well drilling in order to take care of their customers – 95 percent of whom are new construction. Now the company is unique in their Delaware market offering services for both septic systems and water wells.

However, the equipment they acquired from the purchase of the well drilling company had aged enough to no longer be efficient. So they spent six months researching which rig to purchase.

"This was a really large expense to us. We were used to the cost of excavators and loaders, but we knew we were spending more money on repairs than what we would on a new rig," Mike said.

The DM250 rose to the top of their list thanks to the small size with 20-foot rod capabilities while still being under class A/B CDL.

"The fact that it could do same size wells but on a smaller truck means we're able to get in and out of tight spots. Most people on our team can drive it and we didn't have to sacrifice on rod length. DRILLMAX® is one of the only options we found that offered all that," Mike said.

After spending so much time servicing their aging rigs, the pleasant surprise to them has been the lack of problems with the DM250.

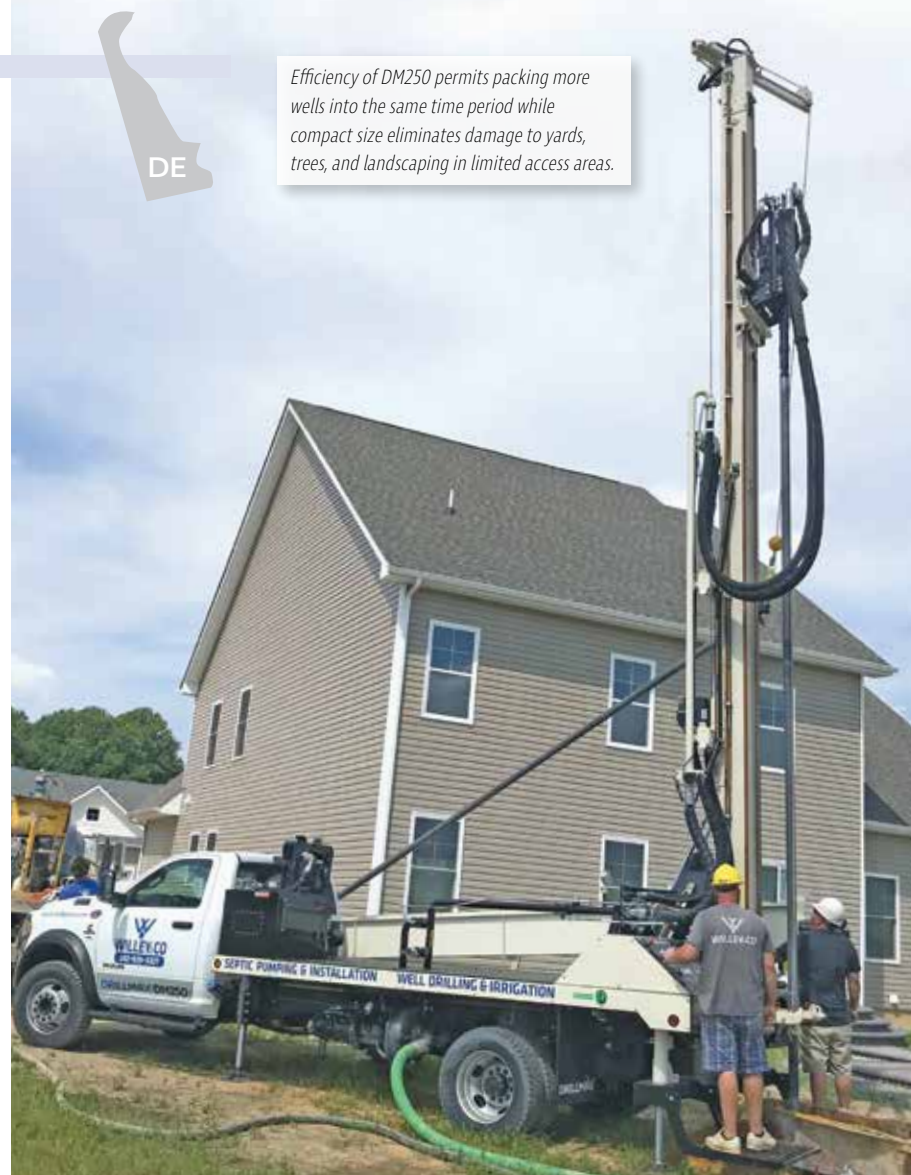
"In the well drilling business, every day is a problem but the rig hasn't been," Mike said. "There is a learning curve going from table to top head drive, but we were up and running in a week with the help of training with Donnie."

Not having to do weekly repairs on a rig has been a relief.

"Concentrating on working and meeting customer needs is much better than worrying about fixing something," Mike said.

As owner, the size and speed top Mike's list of DM250 advantages.

**"We can get into much tighter locations without damaging yards. We're not getting stuck or tearing up**



Efficiency of DM250 permits packing more wells into the same time period while compact size eliminates damage to yards, trees, and landscaping in limited access areas.

yards," Mike said. "And with the top head drive, we know we can get to 60-feet down. We're off the job much quicker, so less labor and on to the next job."

They now can drill more wells over the same period of time.

He also acknowledges the advertising advantage a good looking, new rig in the fleet brings to the business.

"It makes a much better appearance than what we were dragging down the road before," Mike said. "It's an undervalued benefit to have something different and new."

This contributes to his belief they got more than expected.

"I'm really happy with the purchase," Mike said. "Originally I didn't want to purchase new, but the guys talked me into it. I'm really glad they did."

## COMPACT SIZE and EASY MOBILITY

Compact size and easy mobility mean getting to and into jobs fast and moving on to the next — whether off-road or a limited-access residential area — without worrying about having a CDL. Drillers enjoy the creature comforts of the factory 4X4 chassis including air conditioning, cruise control, and bluetooth while minimizing fuel costs achieving 15 mpg on average.





## NEW DRILLMAX® Drill Pipe:

**More than 15% Lighter. More than 15% Stronger. More than 30% More Flow Capacity.**

Weighing in at 30-lbs less than conventional drill pipe yet 15% stronger means the 20-foot DRILLMAX® drill pipe is easier on you and the rig, especially when drilling deeper holes.

"Typically you have to choose between light weight and high strength, but we were able to do both. Lighter weight results in less wear on the machine, while increased strength gives you confidence in your tooling performance," Kyle Riedel, tools engineer lead, said.

A company drilling 500-foot geothermal holes uses the tophead to pull the first three of the total 25 rods because the winch isn't strong enough. With the NEW DRILLMAX® drill pipe, they can use the winch to pull the whole string, ultimately saving wear and tear on their rig.

3.0 X 2-3/8 Mayhew Regular  
in 20-foot length

Higher hardness tool joints facilitate longer wear life and result in a more durable pipe. The 1.75-inch through hole provides **more than 30% more flow capacity for efficient hole cleanout** when compared to a conventional 3-inch drill pipe with a 1.5-inch through hole.

"The same through hole but less weight means carrying more pipe on the machine without negative impacts to drilling process," said Dillon Sickler, regional rig sales and service specialist.

Designed to work with the DM250 equipped with rod carousel, notches on the end of the pipe allow the rods to rest in alignment on the DRILLMAX® carousel for more efficient drilling.

	Legacy 3.0	DRILLMAX® 3.0
Tool Joint	Mayhew Regular	DRILLMAX® Mayhew Regular
Tool Joint OD	3 inches	3 inches
Tool Joint ID	1.5 inches	1.75 inches
Weight/20-feet	178 lbs	148 lbs

## Rig & Tooling System Designed for Success

You operate in an ever-changing business climate, and we're dedicated to helping you thrive. When drill rigs and tooling are designed, built, and supported as one, the end result is a highly refined system making the driller's job efficient and the owner's profits escalate.

DRILLMAX® drill rig engineers work at arm's length from our drill tooling engineers, sharing office and shop space — intentionally. The development of DRILLMAX® drill rigs and drilling tools is refined to the highest level by the presence of both. This synergy benefits you — the end user.

"It takes both a drill rig and a tool to make a hole. We can offer a better system and react to driller feedback on both sides of the system. Our engineers research the need for a specific tool or drill rig feature, then through ongoing testing and development — by our team and yours — we continually make improvements," Kyle Riedel, tools engineer lead, said. "When you purchase products from DRILLMAX® you aren't just buying a tool or a drill rig. You're investing in continued innovation, enabling stronger, easier, more versatile tools and drill rigs for the future."

Choose from a wide assortment of tooling options designed and manufactured by DRILLMAX® to achieve reliable and consistent project results. We invest in state-of-the-art manufacturing processes to produce durable drilling tools with same-day shipping available on most parts.

Nobody can say what the next generation of tools or drill rigs will look like, but with the DRILLMAX® brand on them, they'll make your job faster, easier, and safer.

2-3/8 Mayhew Regular, 2-3/8 IF, Bit Subs Available

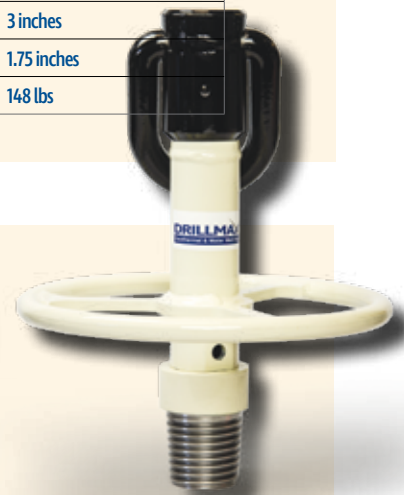


## NEW DRILLMAX® Adapter Subs

DRILLMAX® manufactured adapter subs ensure consistent, high-quality parts with the convenience of one-stop shopping.

- lengths suited to machine and application
- available on the shelf

"I'm excited we offer the full system from drill rig to tooling," said David Sim, East Coast Service Center manager. "There aren't many OEM's who offer tooling and understand the importance of the working relationship between the rig and tooling system."



## NEW Spring Assisted Swivel Hoist Plug

Bears weight of rod string, which makes removing drill rods from the tool string more efficient and safe.

- Designed, tested, and supported by DRILLMAX®
- Makes it easier to make and break threads while tripping rods
- Reduces operator fatigue
- Increases operational efficiency of rig
- Hinge keeps lift loop aligned to the winch line
- 12,000 lb in-line working load limit
- Available in multiple rod sizes

[drillmaxrigs.com/HOIST](http://drillmaxrigs.com/HOIST)



**WATCH**  
how hoist  
plug makes  
tripping rods  
easier

# NEW Rig Options Make

DM250 outfitted with NEW carousel option, NEW centralizer tray option, 4X3 centrifugal pump, 125 CFM compressor, and NEW on-board grout mixer.

Drillers seeking efficiency for water well or geothermal jobs choose the **DRILLMAX® DM250** for its top head rotation speed combined with 22-foot stroke all under Class A/B CDL requirements.

NEW in 2021 are the optional carousel carrying eight, 3-inch mayhew regular rods. Another NEW option is an on-board grout mixer and a centralizer tray.

These new options amplify production allowing driller to focus on making the hole while the helper works on other job site duties.

**ON-BOARD 40-GALLON GROUT MIXER**  
runs off of rig hydraulics, saving fuel compared to running an extra engine

**CENTRALIZER TRAY**  
simplifies storage on rig and provides user-friendly access

**SMALL ROD BOX**  
transports an additional 100-feet of 3-inch drill pipe to back feed into carousel instead of adding a centralizer tray (not pictured)

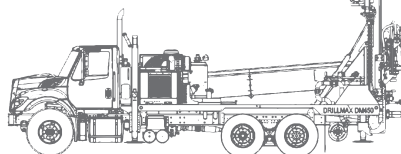
**ROD CAROUSEL**  
carries 160-feet of 3-inch drill pipe for a simple, easy way to go in and out of the hole; grooves along carousel provide visual indicator when aligning rotary head over rods



**WATCH** NEW rig options  [drillmaxrigs.com/DM250](http://drillmaxrigs.com/DM250)

## Engineering Team Defines DRILLMAX® Difference

Bringing their individual specialties to work together as a team, our DRILLMAX® engineers collaborate on chassis integration, rig controls, rotary head, drill mast, electrical, and accessory integration. Not satisfied sitting behind a desk discussing designs, our engineers are in the field testing components and putting their own drilling experience to work field testing rigs. They get dirty ensuring their designs make your job faster, easier, and safer.



### Have a Rig Special Request?

Need a new rig but don't find a feature you're seeking, **GIVE US A CALL.** Our DRILLMAX® engineers look forward to collaborating with you. Our engineers continually work to make your rigs **FASTER, EASIER,** and **SAFER.**



# Job Faster, Easier, Safer

Owners of the **DRILLMAX® DM450** choose its speed and efficiency to tackle tough water well, geothermal, and cathodic protection jobs while its simple operation makes training new operators easy.

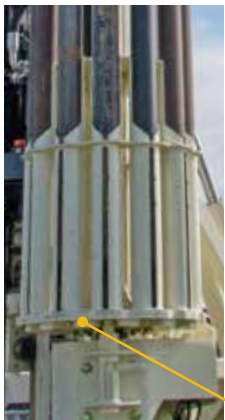
NEW in 2021 are the optional carousel carrying 12, 3.5-inch rods and rod box for an additional 15 rods. Also NEW is an on-board mud cleaning system or on-board grout mixer.

These new options permit the driller to easily trip in and out while the helper focuses on other site tasks, ultimately increasing production rates.

DM450 outfitted with  
NEW carousel option  
and NEW on-board mud  
cleaning system



**ON-BOARD MUD CLEANING SYSTEM**  
uses separate hydraulic circuit eliminating competition among functions, easily connects to pump for quick set up



**ON-BOARD 50-GALLON GROUT MIXER**  
runs off of rig hydraulics, saving fuel compared to running an extra engine (not pictured)

**ROD BOX**  
transports an additional 300-feet of 3.5-inch drill pipe to back feed into carousel using winch and jib system

**ROD CAROUSEL**  
carries 240-feet of 3.5-inch drill pipe; grooves along carousel provide visual indicator when aligning head over rods; head shifts left and right before it reaches top

**WATCH** NEW rig options [drillmaxrigs.com/DM450](http://drillmaxrigs.com/DM450)

## Production System Distinguishes DRILLMAX® Rigs

At DRILLMAX® we strive to produce the best possible drilling equipment. So beginning in 2018, DRILLMAX® rig production shifted to an industry-leading manufacturing facility in Salina, Kansas. Organized into teams, the production system leverages individual skills and specialized manufacturing tools. Equipping a talented team with state-of-the-art manufacturing tools and processes produces consistent high-quality DRILLMAX® rigs.

"This combination of skilled people and high-end manufacturing tools allows us to complete DRILLMAX® rigs on time and make service support easier," Jerry Krone, DRILLMAX® production manager, said.

Drillers walk away from touring our manufacturing facility confident their DRILLMAX® rig is distinctly different. Call us to schedule a time to visit our DRILLMAX® manufacturing facility and see for yourself how our production system sets your rig apart.



FABRICATION



MACHINING



ELECTRICAL



PAINT



ASSEMBLY



TESTING



**Request a Facility Tour** **352-854-1566**

# Three Service Centers Offer Customers Expertise... Tools... Inventory...

Members of our service teams have multiple decades of experience to handle service and repair on most major brands of drill rigs and pump hoists, such as:

- top head and mud pump rebuilds
- air compressor service and hydraulic repairs
- rig remounts and refurbishments



Southeast Service Center



Factory Service Center

With the latest tools and diagnostic equipment, our talented team is here to help keep you in the field working. Our teams also have fabrication and welding capabilities in the event a specialty part or more in-depth repair is required.



Stocking common repair parts for mud rotary and air rotary rigs expedites your service, whether it's an emergency job site repair or a single day in the service center. Examples of parts available include:

- hydraulic hoses
- mud pump and tophead repair parts
- filters



Mud Pump Parts

## Same Day Parts Shipping

Most replacement and critical parts are kept on the shelves at all times. Call before 2 p.m. local time, we'll ship most parts same day.

## Your DRILLMAX® Service Point Men

**RECENT RIGS** —  
built **AFTER**  
January 2018



Jason Lindenmuth,  
service technician  
785-825-1566

Jason's location in our Factory Service Center provides direct access to DRILLMAX® engineers who, when needed, will work alongside him to find service solutions.

**LEGACY RIGS** —  
built **BEFORE**  
January 2018



Todd Ewing,  
service technician  
352-854-1566

With the majority of our legacy DRILLMAX® rigs built prior to January 2018 running in the Southeast, being based in our Southeast Service Center means Todd streamlines quick solutions, stocks parts, and organizes rig repairs in the shop or occasional trips to customer locations.



## NEW Customer Portal

# Centerpoint connected

Our NEW customer portal, **Centerpoint Connected**, places information at your fingertips with access to your machine and order records. Using the secure portal not only saves you time, but you'll also have the ability to add your own service notes and update contact information. Simplify your day-in, day-out tasks with this tool, providing you details to curb operation costs.

Signing up for portal access puts you on the leading edge of this new tool so you're able to take advantage of additional features added in the future. Simply complete the form at [drillmaxrigs.com/CP](http://drillmaxrigs.com/CP) to receive your temporary password and account access. You'll then be able to create your own password.

Just one more way we're working to provide top service to our customers.

### ADVANTAGES OF SIGNING UP FOR CENTERPOINT CONNECTED:

- Find information and facts — quickly and easily — related to your:
  - Machine records
  - Service notes
  - Tooling/service orders
- Store your own machine service records
- Be the first to know when new Centerpoint Connected features are added

Sign Up for Customer Portal  [drillmaxrigs.com/CP](http://drillmaxrigs.com/CP)



## NEW Service Location — East Coast Service Center



The East Coast Service Center team in front of a drill rig refurbish project.

Providing top rig service is one of nine objectives guiding Geoprobe®/DRILLMAX®, including seeking ways to make our service technicians and tools more accessible. To meet this goal, customers along the east coast now have a new location for rig service in Oxford, Pennsylvania.

The team of nine service technicians brings extensive experience working on and rebuilding water well and air rotary rigs.

"We look forward to helping more drilling companies keep their rigs running in the field," David Sim, East Coast Service Center manager, said.

This goal of being an asset to customers, another company objective, creates the common bond between headquarters in Kansas and the East Coast Service Center in Pennsylvania.

"The importance of providing the best possible service to customers runs through the company culture," said Dillon Sickler, regional rig sales and service specialist. "I look forward to serving a larger percentage of the water well drilling industry's needs."

We're excited to provide this new service location for our customers. Give us a call to schedule your rig repair or refurbish.

**East Coast Service Center**  **610-467-1750**

## Just Like New

Excerpt from "Refurbishing the Drill Rig" by Mike Price, Water Well Journal

Mark Ortman discussed with Dillon Sickler, East Coast Service Center (ECSC), what to do with his company's 2005 Schramm T450M mud rotary rig with just under 15,000 hours on it. They ultimately began a rig refurbish in September 2020.

"They outdid our expectations," said Ortman, co-owner of **ORTMAN DRILLING & WATER SERVICES**, Indiana. "And they have great customer support."

Standard practice had Sickler with the customer for a week once the refurb was completed to ensure the rig is operating smoothly in the field.

"It's just like a new rig from an OEM and doing a startup," Sickler said. "With 400 to 600 hoses on a rig, there's going to be a leak somewhere. We just want to make sure everything goes smoothly. It's also a good way to get input back to engineering here. They might be fighting a battle on something that you could help with."

With the rig back to factory specification, Ortman's team quickly noticed how the rig felt tighter. The ECSC stiffened the rig frame where the cylinders that raise the mast arm attach. In addition, they made it so the rotary table hydraulically opens to remove and install slips rather than having to manually open the table.



ECSC team rebuilds Schramm T450M

"You get a 15-year-old rig with 15,000 hours on it, and everything starts to get sloppy on you — even when you stay up on your maintenance," Ortman says. "They knew exactly where some issues had been problems the last 10 to 15 years; they resolved a lot of those issues too during the refurb. While they had stuff torn apart, they stiffened it up where it needed to be."

Ortman, who believes Schramm builds one of the toughest rig frames in the industry, says the refurbished rig is essentially a new rig.

"We got 15 years out of it the first time," he said. "You might not get 15 more years, but you should probably get 10 to 12 years."

## NOW OPEN: Three Service Locations to Meet Your Needs

Depend on our experienced service technicians to service, repair, and restore your drilling rigs — no matter the make or model.

Our service crew is supported by our team of engineers to find the solution to your problem, not just a temporary fix. With multiple service center locations, choose the one most convenient for you, knowing you can call and talk to a live person with the expertise, tools, and inventory to help you with your needs.



*I dropped it off Wednesday morning and they called at 11:30 a.m. that same day. They saved me time and money with travel and food costs not having to stay an extra night in the hotel.*

— Jeff Grant, Owner, JG Drilling, South Carolina



### EAST COAST SERVICE CENTER

468 Limestone Road  
Oxford, Pennsylvania 19363  
610-467-1750

- 30 minutes off of I-95
- an hour west of Philadelphia
- two hours southwest of Newark, New Jersey

### FACTORY SERVICE CENTER

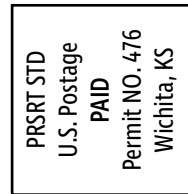
1835 Wall Street  
Salina, Kansas 67401  
785-825-1842

- one mile west of I-135
- an hour and a half north of Wichita
- two and a half hours west of Kansas City

### SOUTHEAST SERVICE SHOP

5801 SW 6th Place  
Ocala, Florida 34474  
352-854-1566

- one mile west of I-75
- an hour northwest of Orlando



Change Service Requested

**WATCH NEW VIDEOS** continually added to the website



[drillmaxrigs.com/VIDEOS](http://drillmaxrigs.com/VIDEOS)

## Innovations Revealed — Open House April 22, 2021

The reengineered DM450 now comes with the option of a rod carousel.



### MACHINES

- NEW DM450 Options
  - Rod Carousel and Rod Box
  - On-board Mud Cleaner
  - On-board Grouser
- NEW DM250 Options
  - Rod Carousel and Rod Box
  - Centralizer Tray
  - On-board Grouser

### TOOLS

- NEW Drill Pipe
- NEW Subadapters
- NEW Spring Assisted Swivel Hoist Plug

### SERVICE

- NEW Customer Portal —Centerpoint Connected
- NEW East Coast Service Center

**Learn More Inside!**

Stay up-to-date,  
Follow us on social media!



@drillmaxrigs

For more information on what you have read in this issue, contact us at:

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