

# MULTI-PURPOSE GEOTECHNICAL, WATER WELL & EXPLORATION RIGS

**CORING - ROTARY - CONTINUOUS FLIGHT AUGER - SPT**



ABOUT US



# WHO WE ARE

Founded in 2019 in Sharjah, UAE, **METADRILL** is your go-to for cutting-edge geotechnical drilling rigs. Designed to maximize daily production drilling, our solution not only facilitates easy self-maintenance but also ensures a hassle-free experience for users of any skill level. Gain the freedom to access any location with unprecedented flexibility, allowing you to tackle tasks with unparalleled efficiency and ease.

Our dedication to customer satisfaction extends to the uninterrupted availability of spare parts through our network of distributors. This ensures that you not only receive support promptly but also experience minimal downtime, maximizing the efficiency of your daily production.

Also our rigs are integrated with advanced remote monitoring and a state-of-the-art CCTV system, providing real-time insights and applications into your operations, enhancing security and empowering you to make informed decisions promptly.

Elevate your drilling experience with a solution that not only meets but exceeds your expectations, transforming the way you approach daily production drilling and ensuring your operations are at the forefront of technological advancement.

# OUR DRILLING RIGS

## MD1000N

### GEOTECHNICAL & WATER WELL



<b>Application:</b>	Surface Exploration
<b>Drill Rod Size:</b>	PO/ HQ/ NQ
<b>Max Depth:</b>	PQ 400 m ; HQ= 600 m; NQ=1000 m
<b>Prime Mover:</b>	256 HP
<b>Rotary Head:</b>	Torque: 825-5172 Nm
<b>Speed:</b>	110-1200 rpm
<b>Rod Handling:</b>	3 m rod handling
<b>Pull Up:</b>	12000 kgf
<b>Pull Down:</b>	8000 kgf
<b>Water Pump:</b>	Displacement of 165 lpm with 50 Bar
<b>SPT:</b>	Automatic SPT Hammer (Optional)

## MD600N

### GEOTECHNICAL & WATER WELL



<b>Application:</b>	Surface Exploration
<b>Drill Rod Size:</b>	PO/ HQ/ NQ
<b>Max Depth:</b>	PQ 250 m ; HQ= 400 m; NQ=600 m
<b>Prime Mover:</b>	143 HP
<b>Rotary Head:</b>	Torque: 309-4000 Nm
<b>Speed:</b>	86-1200 rpm
<b>Rod Handling:</b>	3 m rod handling
<b>Pull Up:</b>	7000 kgf
<b>Pull Down:</b>	3500 kgf
<b>Water Pump:</b>	Displacement of 165 lpm with 50 Bar
<b>SPT:</b>	Automatic SPT Hammer (Optional)

# OUR DRILLING RIGS

## MD150N

### GEOTECHNICAL RIG



<b>Application:</b>	Surface Exploration
<b>Drill Rod Size:</b>	PO/ HQ/ NQ
<b>Max Depth:</b>	PQ 80 m ; HQ= 100 m; NQ=150 m
<b>Prime Mover:</b>	120 HP
<b>Rotary Head:</b>	Torque: 531-2787 Nm
<b>Speed:</b>	125-798 rpm
<b>Rod Handling:</b>	1.5 m rod handling
<b>Pull Up:</b>	5000 kgf
<b>Pull Down:</b>	2500 kgf
<b>Water Pump:</b>	Displacement of 80 lpm with 30 Bar
<b>SPT:</b>	Automatic SPT Hammer

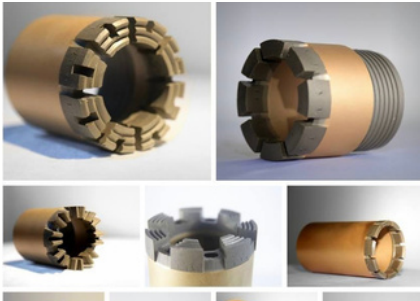
## MD75N

### GEOTECHNICAL RIG



<b>Application:</b>	Surface Exploration
<b>Drill Rod Size:</b>	PO/ HQ/ NQ
<b>Max Depth:</b>	PQ 30 m ; HQ= 45 m; NQ=75 m
<b>Prime Mover:</b>	84 HP
<b>Rotary Head:</b>	Torque: 2000 Nm
<b>Speed:</b>	0-100 rpm
<b>Rod Handling:</b>	1.5 m rod handling
<b>Pull Up:</b>	2500 kgf
<b>Pull Down:</b>	1500 kgf
<b>Water Pump:</b>	Displacement of 80 lpm with 30 Bar
<b>SPT:</b>	Automatic SPT Hammer

# OTHER PRODUCTS & SERVICES



## DRILLING TOOLS & ACCESSORIES

- Geotechnical Bits
- DTH- Down the Hole
- Top Hammer
- Rotary Drilling
- Drill Rods



## PARTS & EQUIPMENTS

- Mud Pumps
- Foot Clamps
- Breakout Assemblies
- Automatic SPT Hammer



## OTHER SERVICES

- Technical Solutions - Health & Safety
- Rig Audit
- Modification & Refurbishment
- Customization

# CUSTOMERS

## ADVANCED CONSTRUCTION TECHNOLOGY SERVICES KSA LLC (ACTS)

We want to highlight one of our most important customers. Based in Beirut, Lebanon, **Advanced Construction Technology Services (ACTS)** offers construction consultancy services specializing in the materials and geo-engineering fields. ACTS currently operates throughout the Middle East, Africa, and Southeast Asia and has offices in 9 different countries all around the world.

We are proud to share that ACTS has over **16 METADRILL** drilling rigs as part of its fleet. Under the guidance of our dedicated support and aftersales team, their daily production skyrocketed from 12 meters per 8-hour shift to 22 meters.

The noticeable boost in productivity reflects the success of our solutions and the exceptional support we offer to our clients.



<https://acts-int.com/>

# GLOBAL PRESENCE



## **METALLURGY & DRILLING FZE-UAE**

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