



Metalix Engineering

Your best partner for foundation Engineering.

- Manufacturer & Exporter of Piling Equipment & Hydraulic Rotary (Tools).
- Steel Structure Fabricator.

www.pilingmachineindia.com

Contact - 9874065259 / 9874665259

Email - pilingsolution@gmail.com
metalixengineering@gmail.com



Introduction

METALIX ENGINEERING: A professional manufacture of Augur, Bucket, Core Barrel and Drilling Tools possesses a leading position of manufacturer in INDIA. We manufacture AUGUR, BUCKET, TREAME PIPE, VERTICAL PUMP, and Other Piling Drilling Tools.

METALIX ENGINEERING a Producer of Drilling Tools for Piling & Foundation Equipment's.

METALIX ENGINEERING Design, Manufactures & Markets AUGURS, BUCKETS, CORE BARREL, & CASING.

From Small To Big Diameters i.e. 400mm to 3000mm Heavy Duty & Super Heavy Duty for application on Clay or Rock. Experience quality with understanding of our Clients need without forgetting to be competitive has determined our success.

METALIX ENGINEERING Specializes in manufacture of AUGURS, BUCKETS, CORE BARREL, CASING, VERTICAL PUMP, and Other Drilling Rig Parts & Components.



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Workshop Address—Satellite Industrial park Moynagore Behala Ashuti kolkata-141
Office Address—65/2 Satyen Roy Road behala Kol-34 Near James Long Sarani 11 pally park



Company Profile

Established in 2005, as a sole proprietorship firm in Kolkata, West Bengal, METALIX ENGINEERING has created of its own in the market. Owing to the vast industrial expertise, we have become highly proficient in our domain. We have come up as the most trusted manufacturer, exporter and supplier of dimensionally precise and functionally efficient range of drilling tools and other necessary equipment with customization facility available, we have been able to satisfy our clients.

METALIX ENGINEERING highly focuses on international co-operation and communication. Till present, our products have been exported to many different countries and regions such as NEPAL, BHUTAN, BANGLADESH, SRI LANKA etc



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Fabrication Shop

METALIX ENGINEERING is a leader in design, manufacturing and selling of AUGURS, BUCKETS, CORE BARREL, in India & Overseas.

METALIX ENGINEERING has been providing quality friction and all type of AUGURS, BUCKETS, CORE BARREL, and drilling tools in market. We are confident we would be a vital business partner to your construction drilling needs.

With our own fabrication unit Machine shop Hydraulic press unit and Rolling unit we provide our clients **Best Drilling Tools**.



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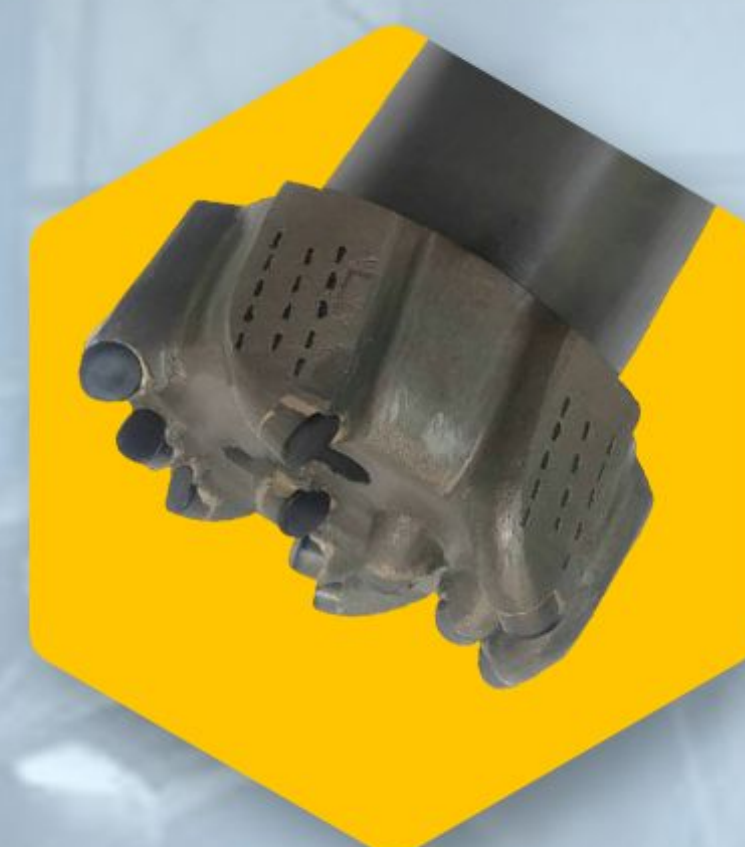
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Drilling Tools



As per our client's requirement,
all dia auger buckets are available.

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**Hydraulic
Press shop &
Fabrication
shop**



**We provide the best quality drilling tools as per
the requirements of our esteemed clients**

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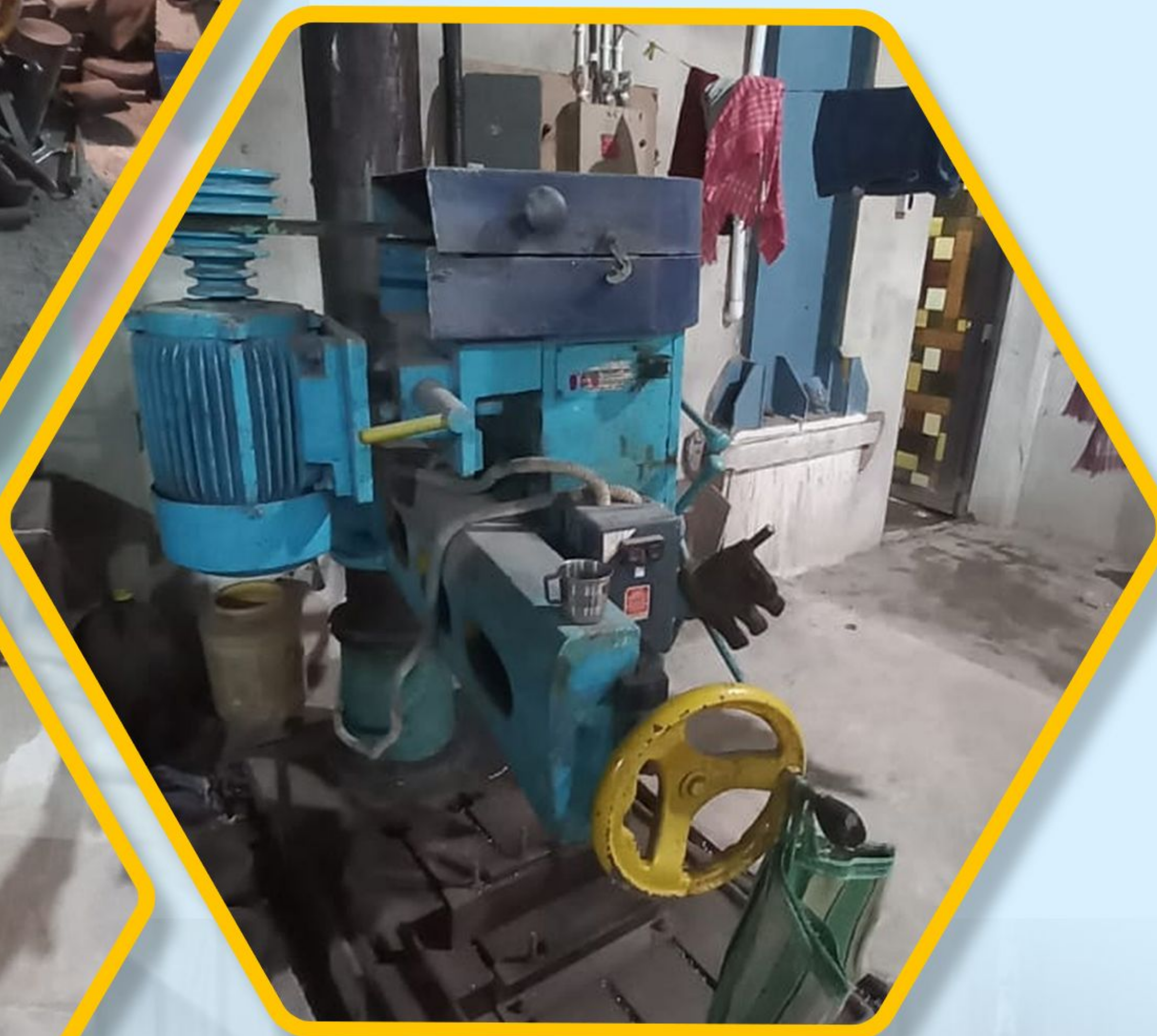
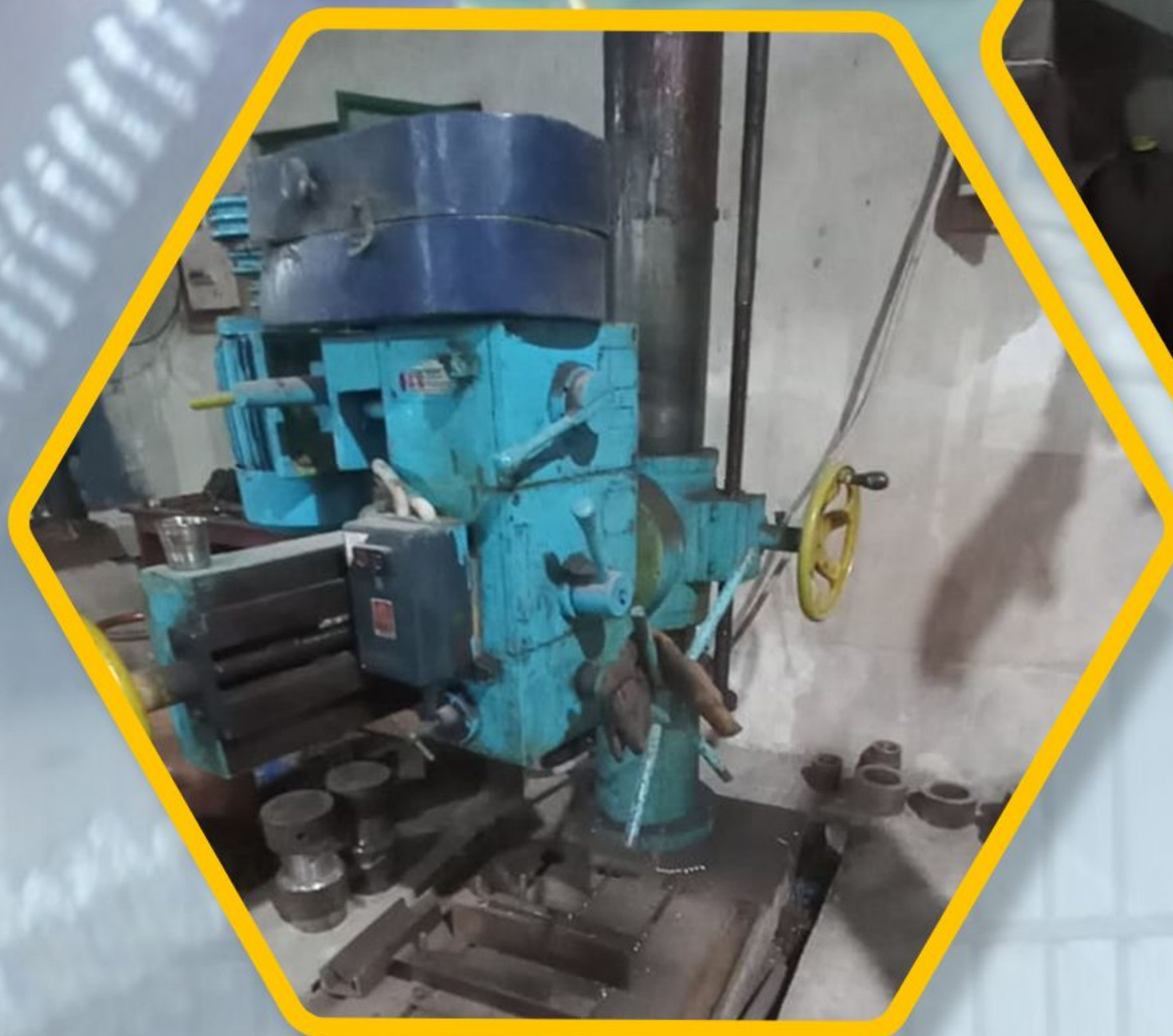
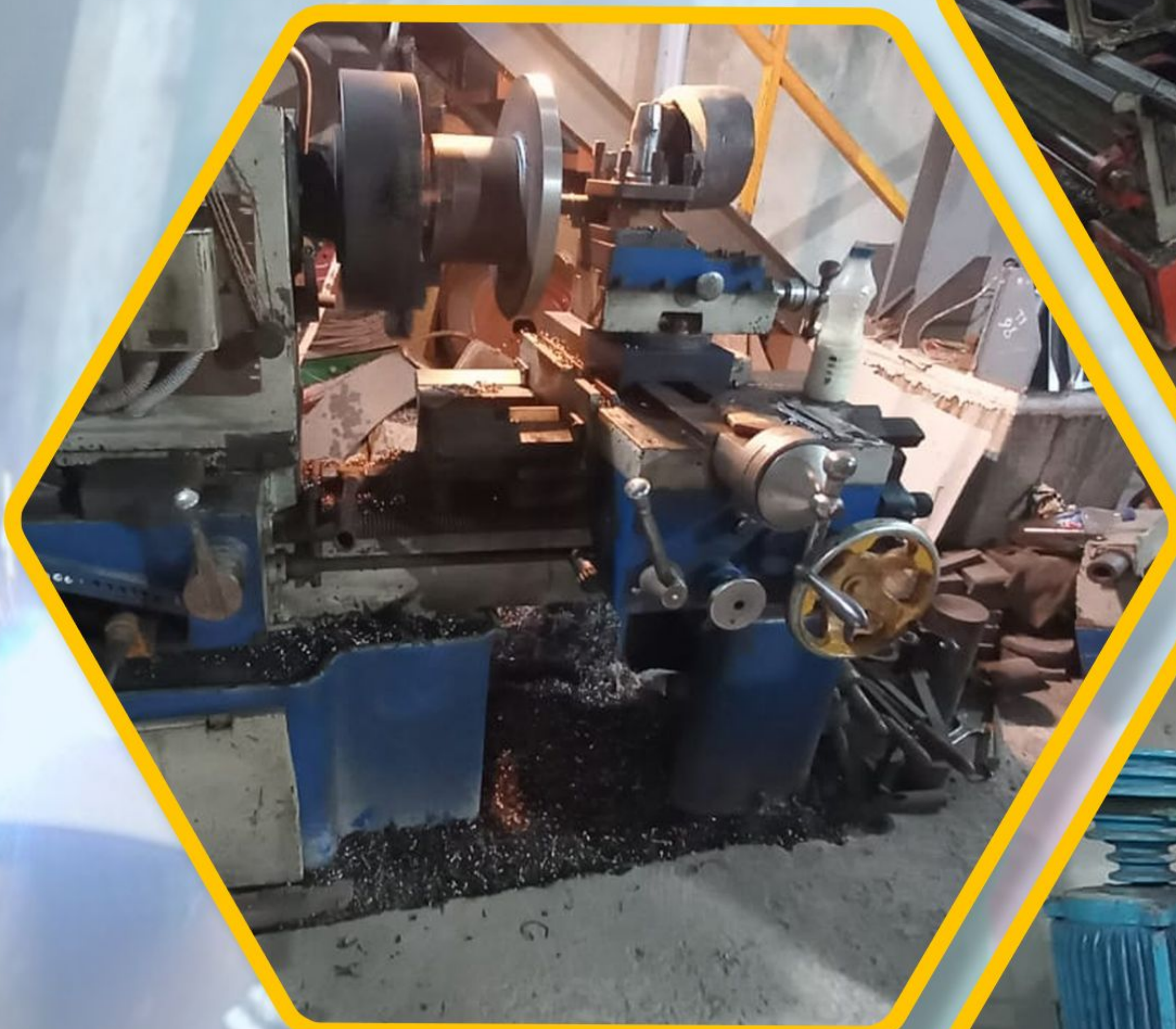
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Lathe Department & Machine Shop



With our in-house lathe and Machine shop unit
provide best quality tools to our clients.

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Work Shop



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Finished Materials



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Heavy Duty Tools (Bucket)

Specification of piling tools

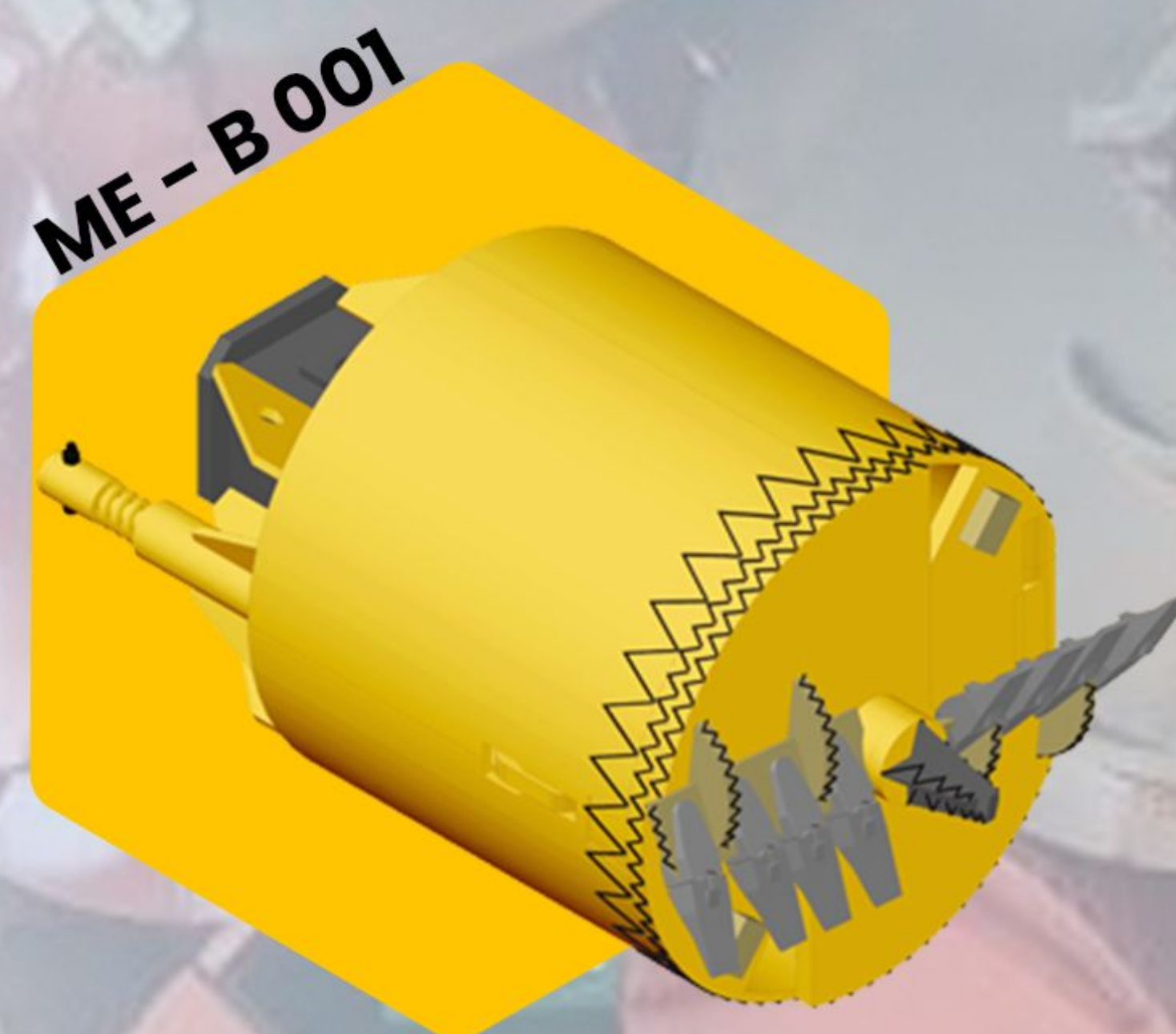
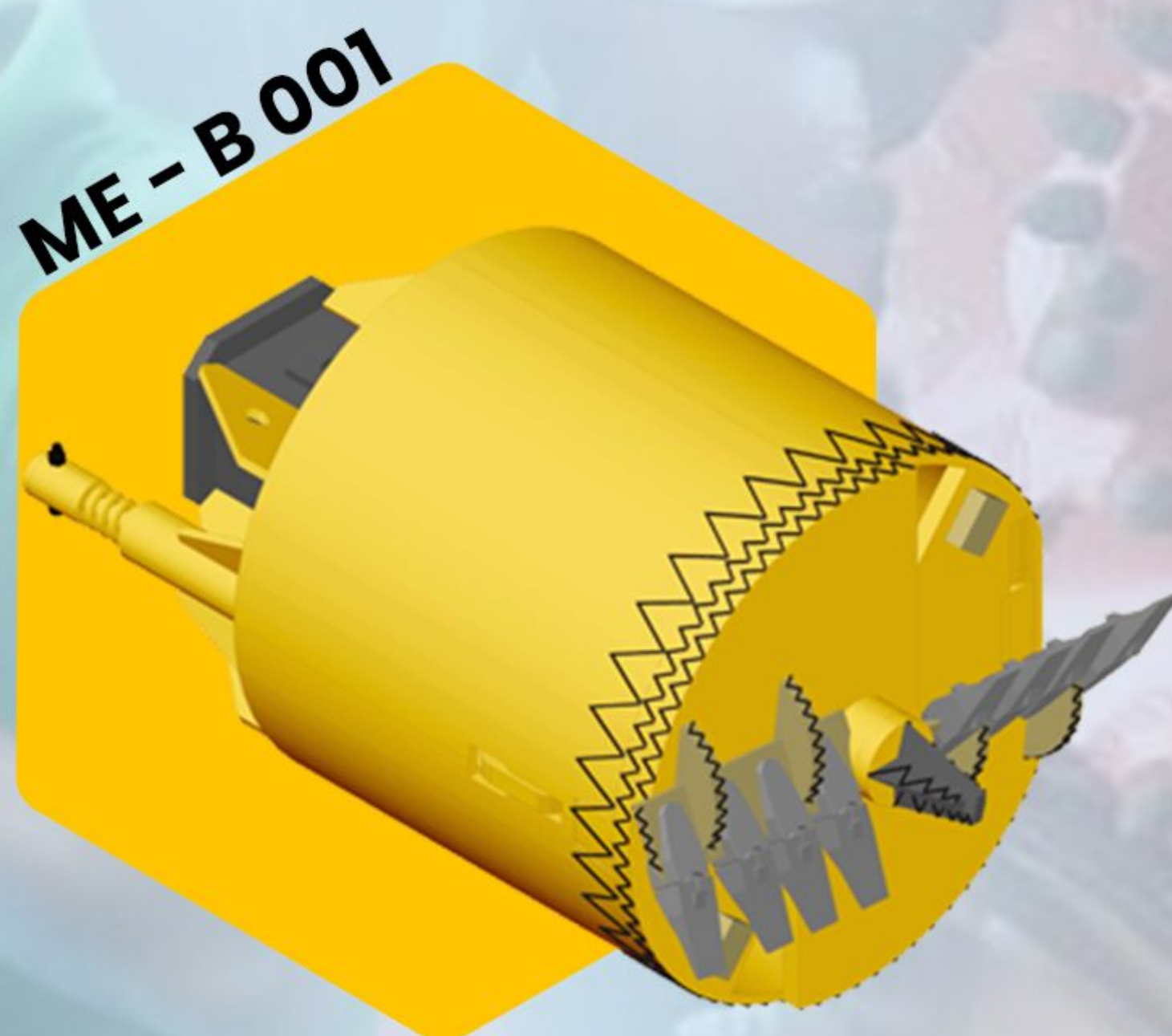
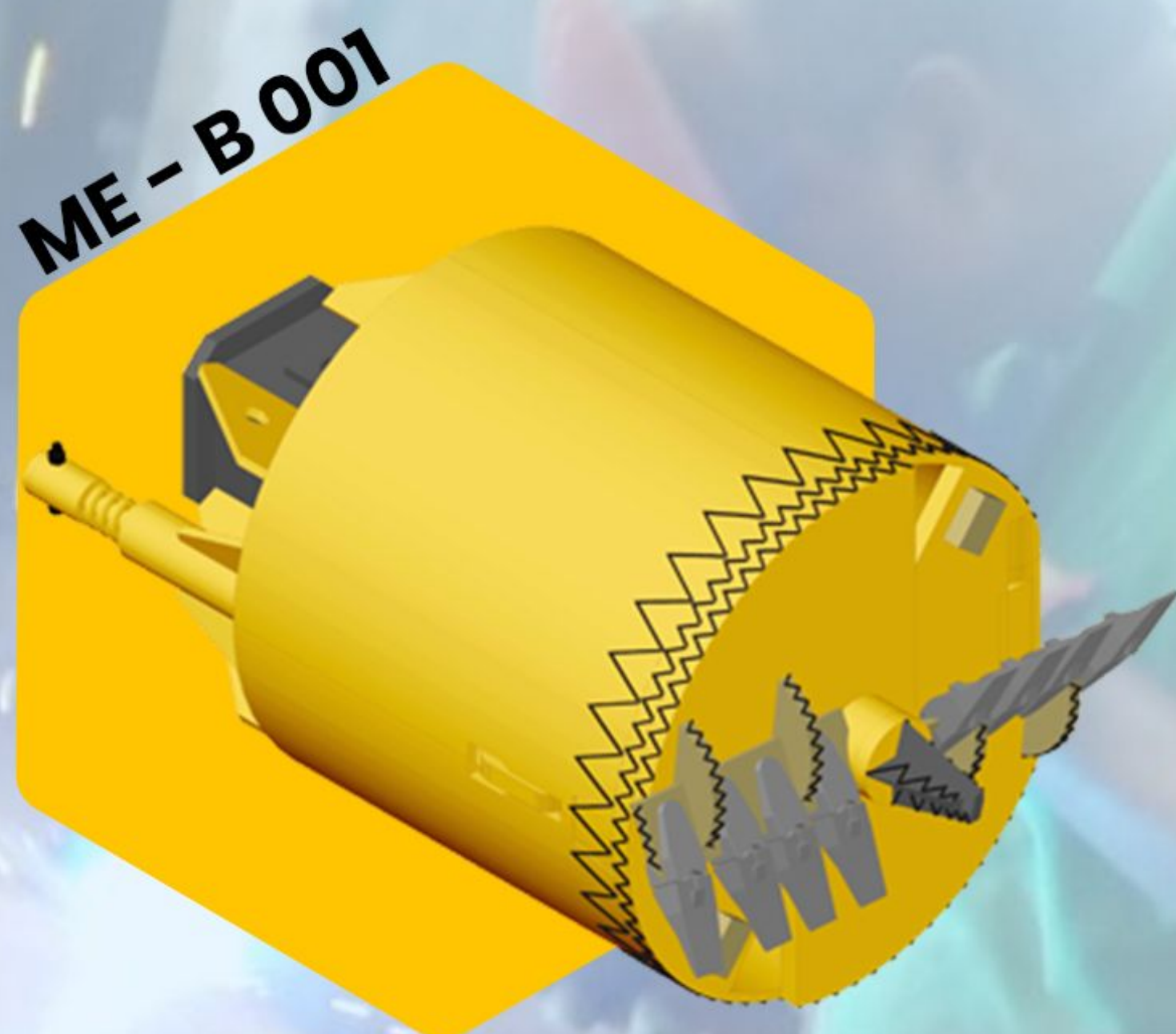
Rock Augur: - 800mm -1500mm Dia Rock Augur make of prime quality steel Plate Kelly Size (200x200) mm & with HEAVY DUTY 32mm Rock Bullet & Holder fitted.

Rock Bucket: - 500mm -750mm Dia Soil make of prime quality steel Plate Body Thickness 20mm and Door Thickness 40mm Kelly Size (200x200) mm & with HEAVY DUTY 25mm Rock Bullet & Holder fitted.

Rock Bucket: - 800mm -1500mm Dia Soil make of prime quality steel Plate Body Thickness 20mm and Door Thickness 40mm Kelly Size (200x200) mm & with HEAVY DUTY 32mm Rock Bullet & Holder fitted.

Soil Augur: - 500mm -1500mm Dia Soil Augur make of prime quality steel Plate Kelly Size (200x200) mm & with HEAVY DUTY T-25 Soil teeth & Holder fitted.

Soil Bucket: - 500mm -1500mm Dia Soil make of prime quality steel Plate Body Thickness 20mm and Door Thickness 40mm Kelly Size (200x200) mm & with HEAVY DUTY T-25 Soil teeth & Holder fitted.



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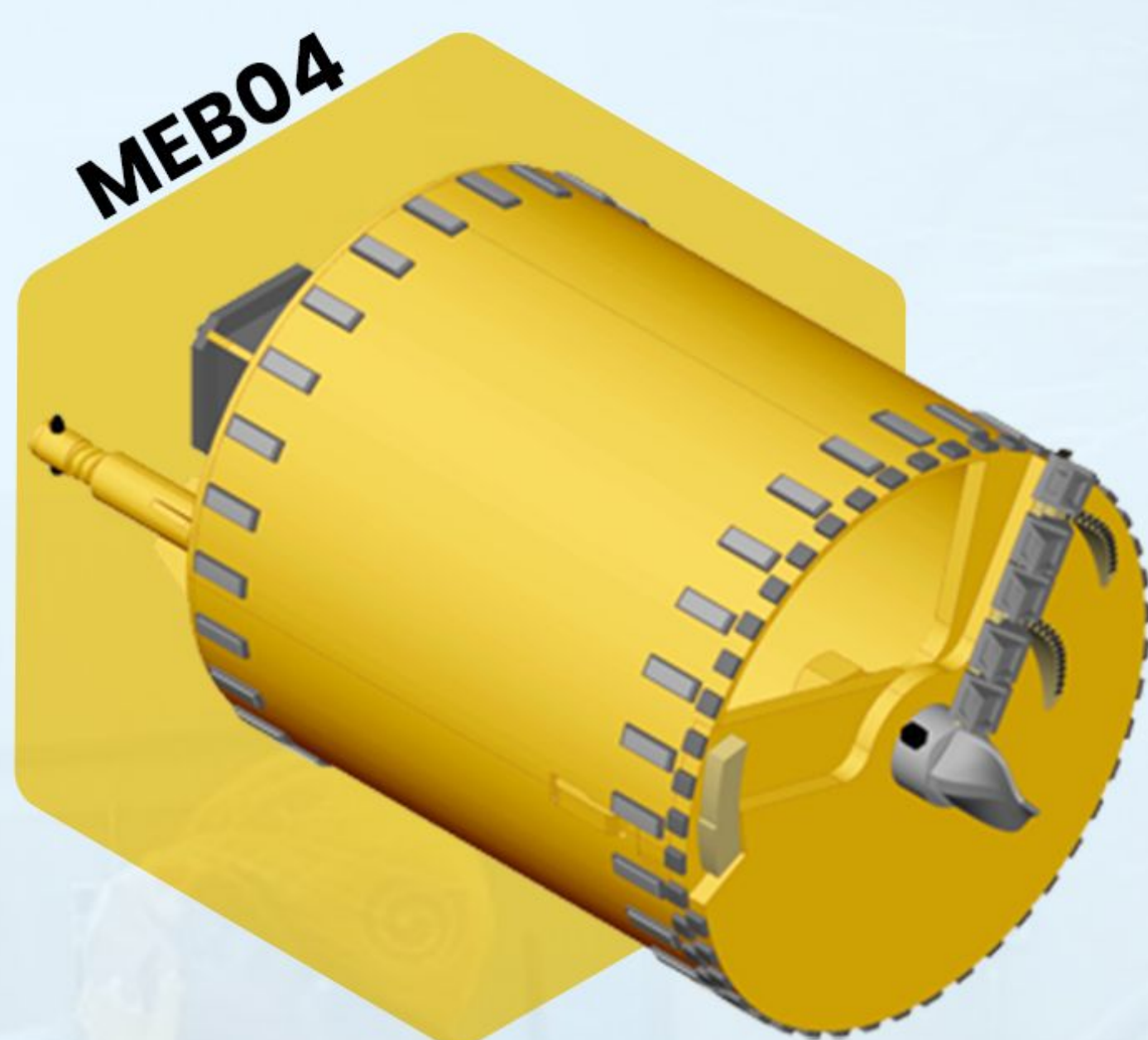
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Drilling Bucket Single Edge Super Heavy Duty

Specification of piling tools

As per requirement of our customers we provide best **Quality Piling Tool**



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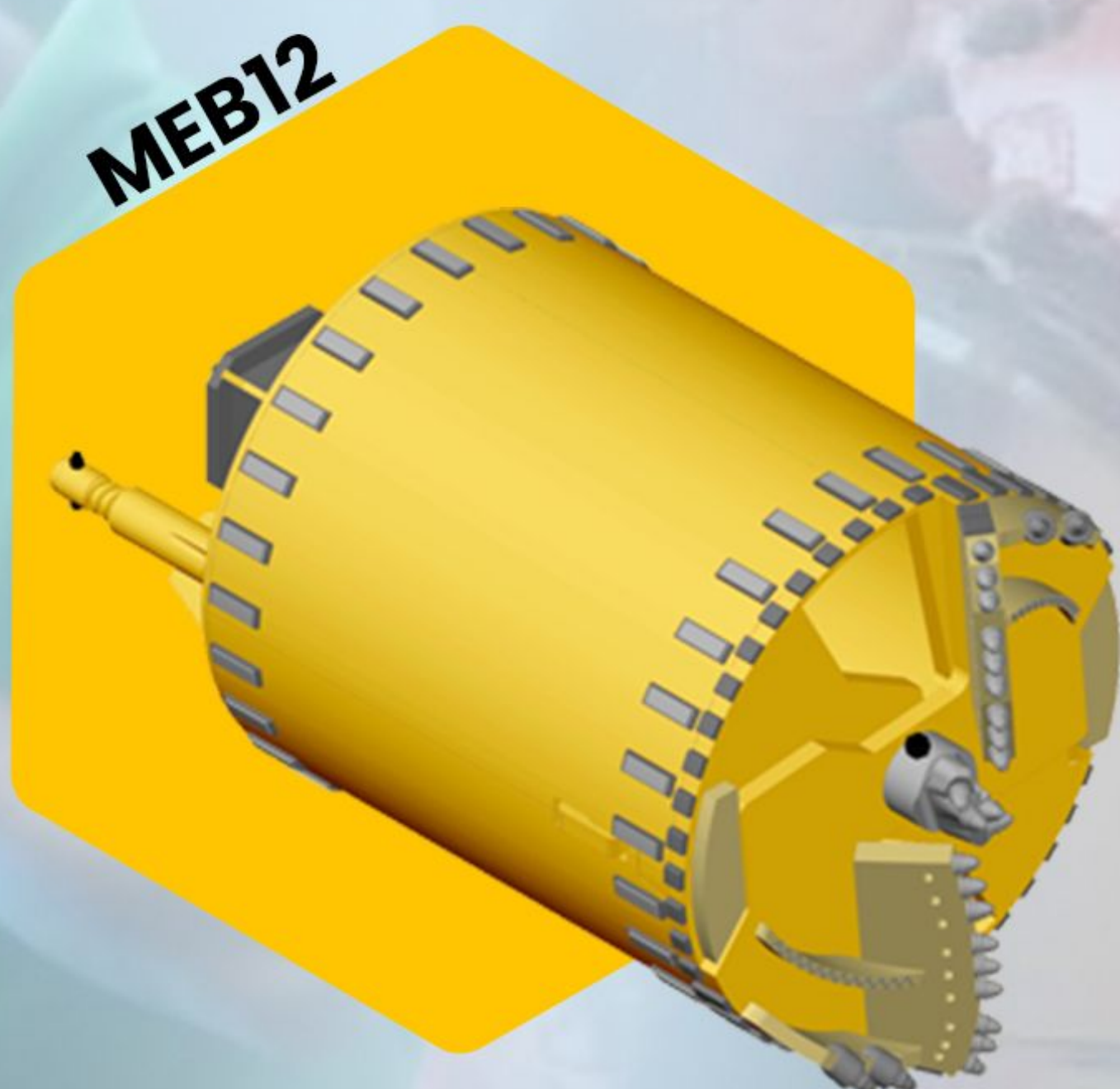
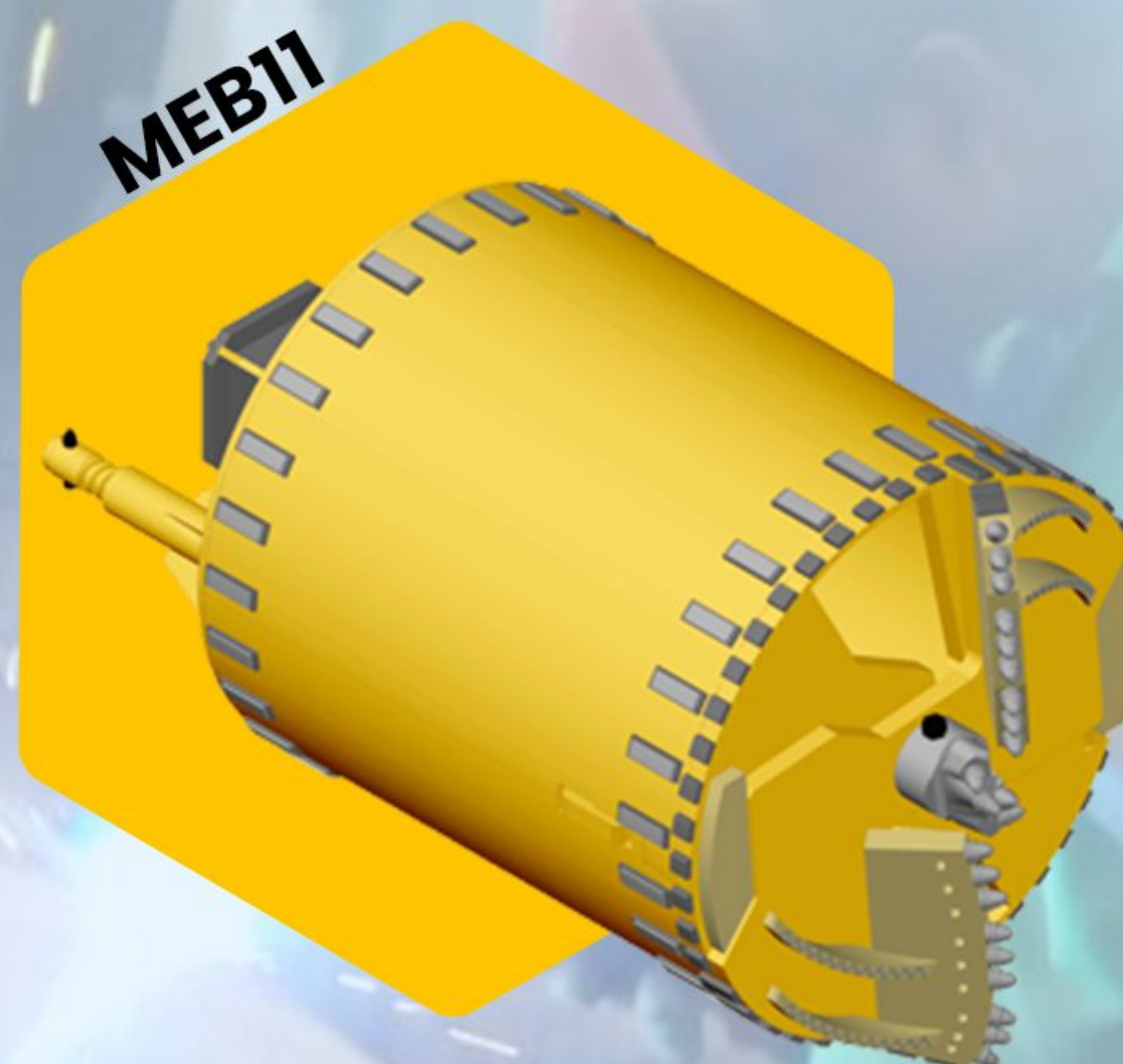
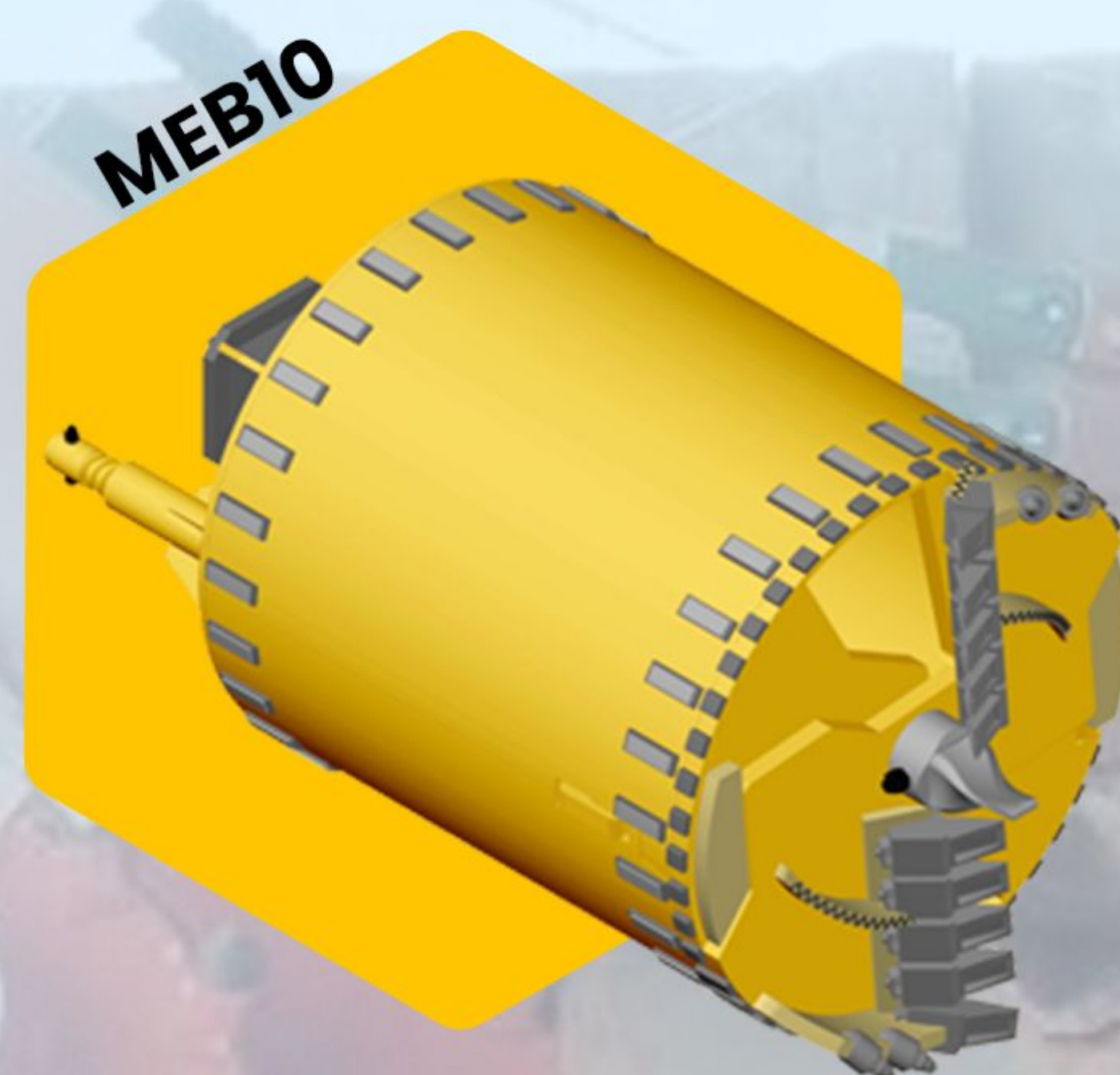
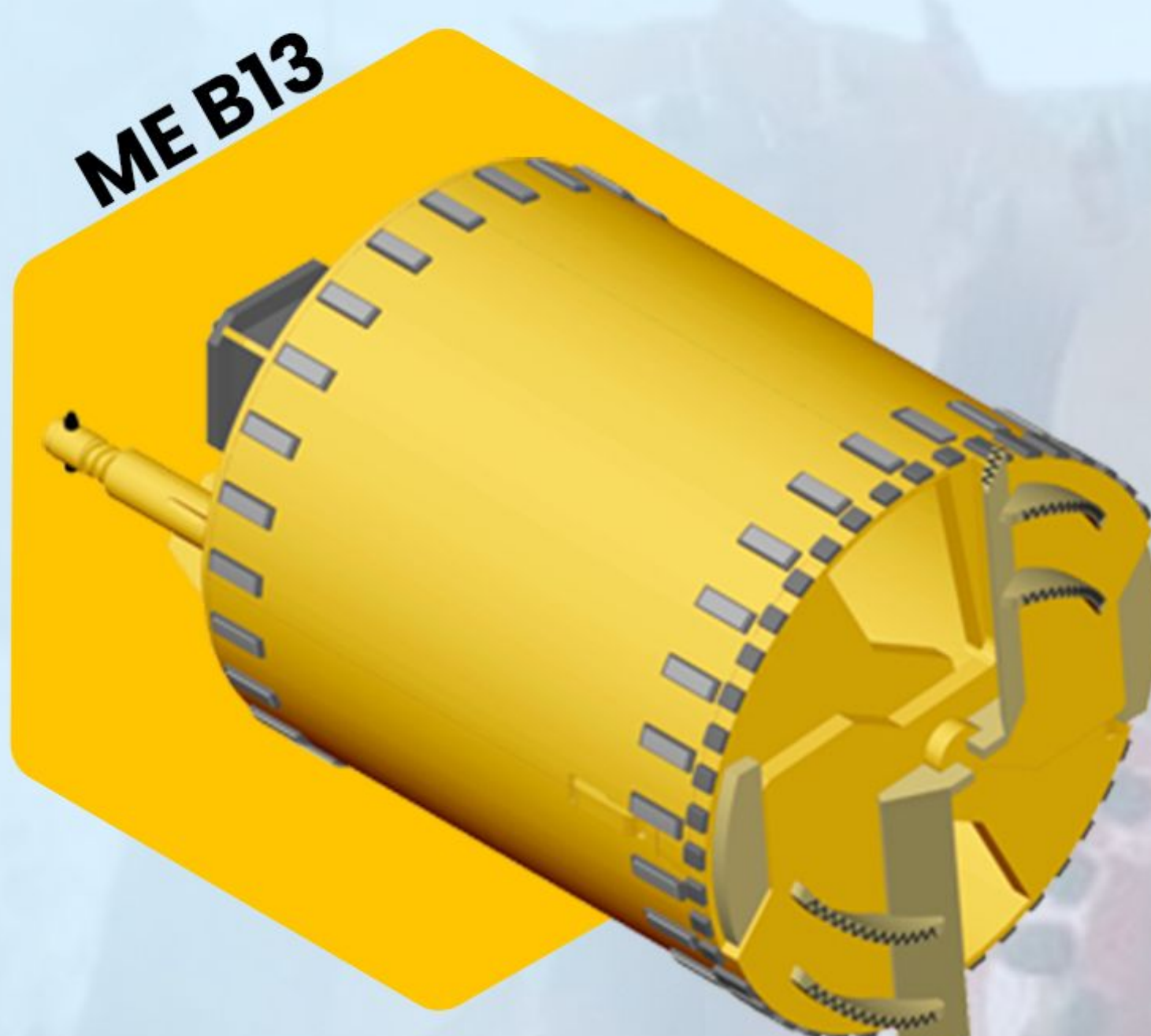
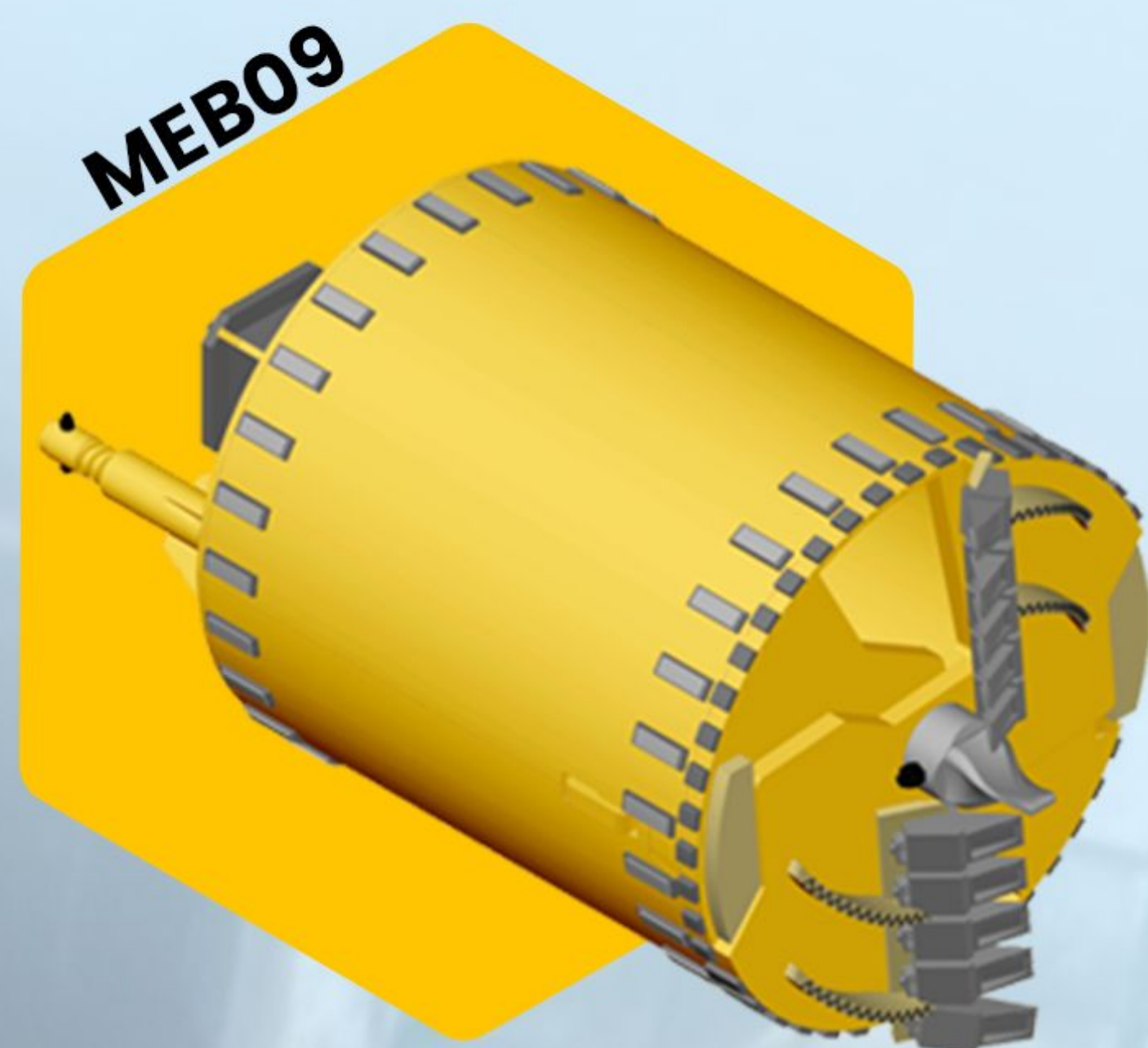
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Drilling Bucket Double Edge Super Heavy Duty Tools (AUGUR)

Specification of piling tools

Auger Bucket, core barrel, Vertical Pump, Treame pipe set, Bentonite tank, Soil Teeth holder, rock Bullet all types of tools and accessories are available.



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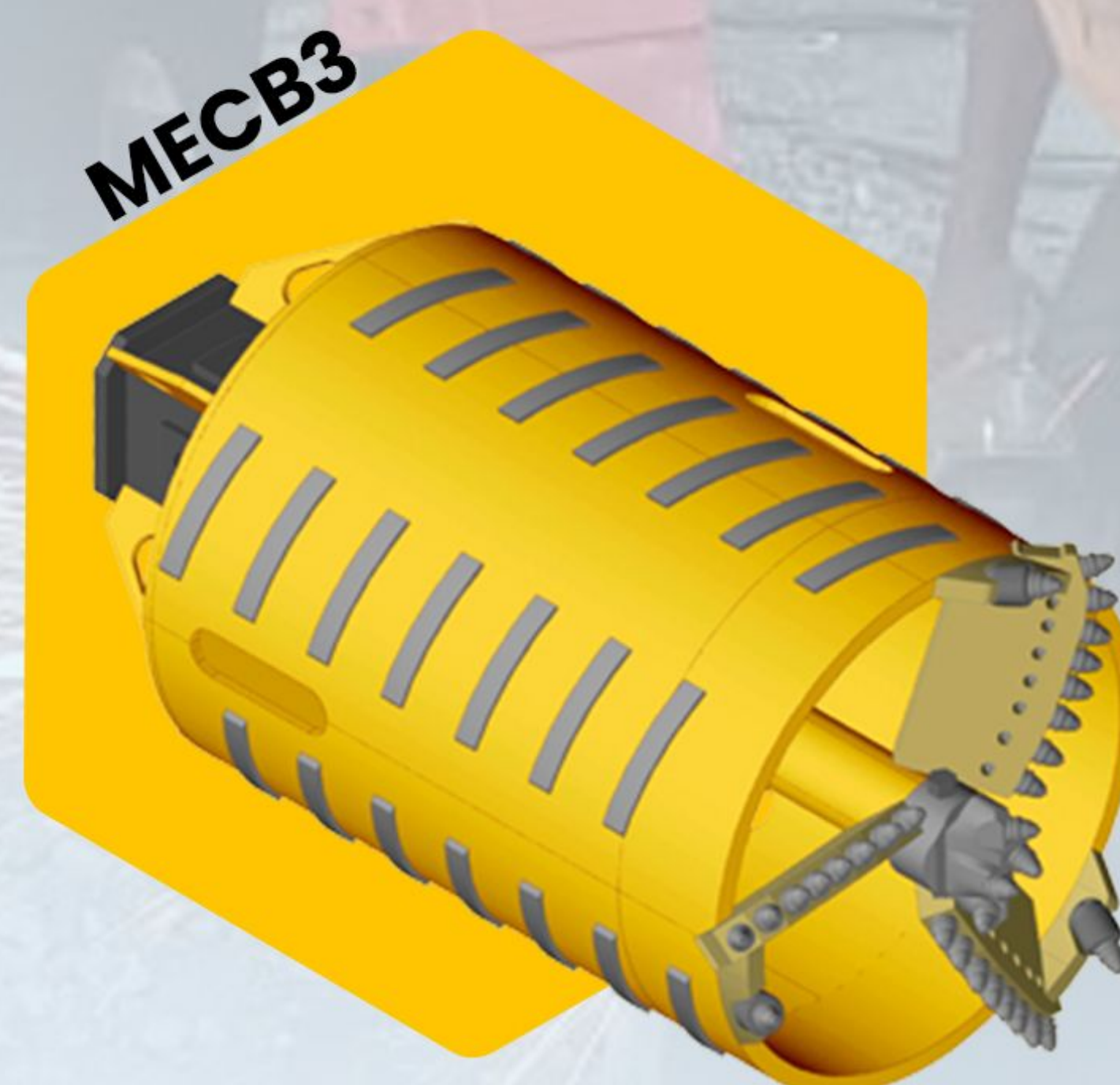
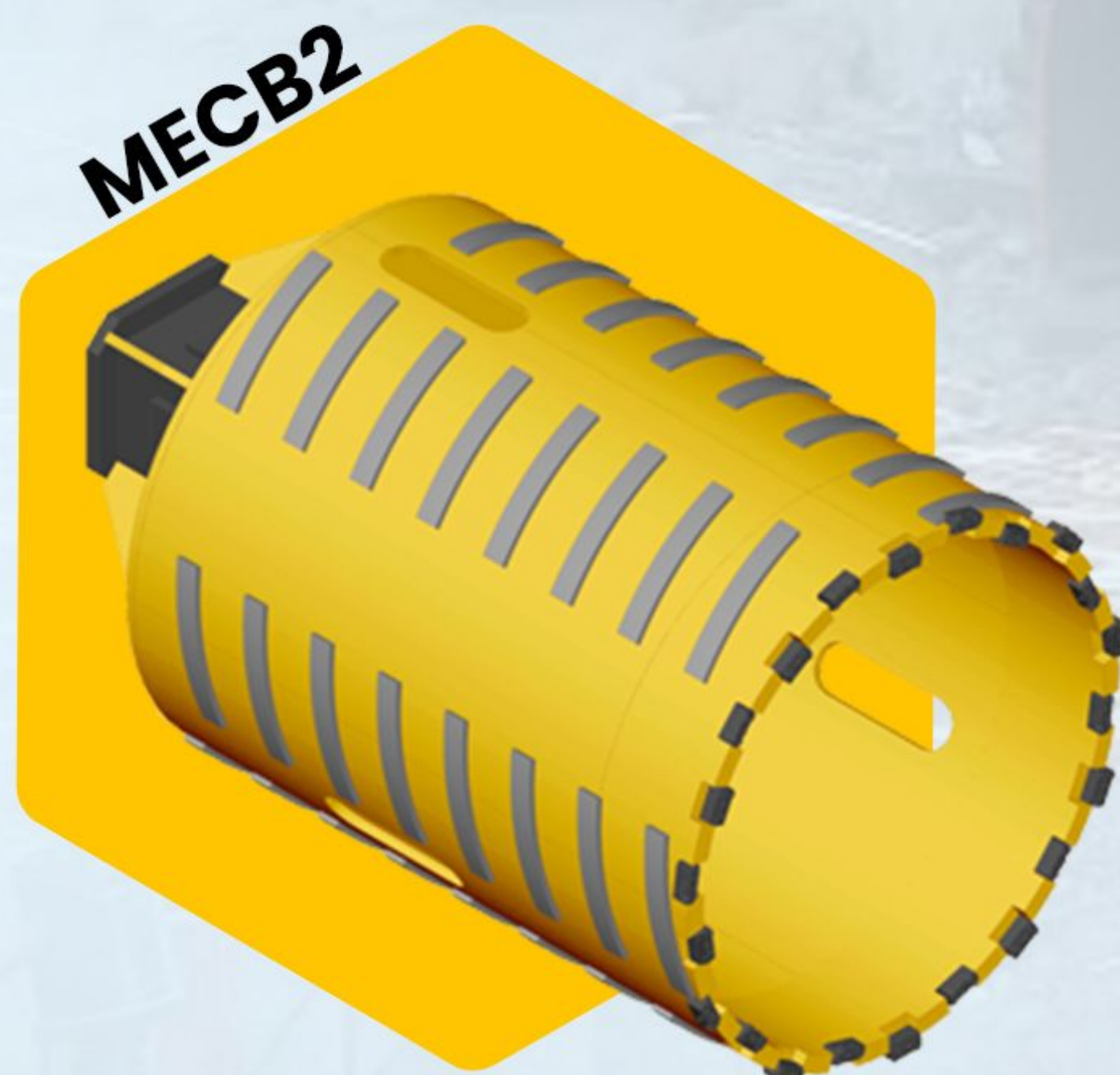
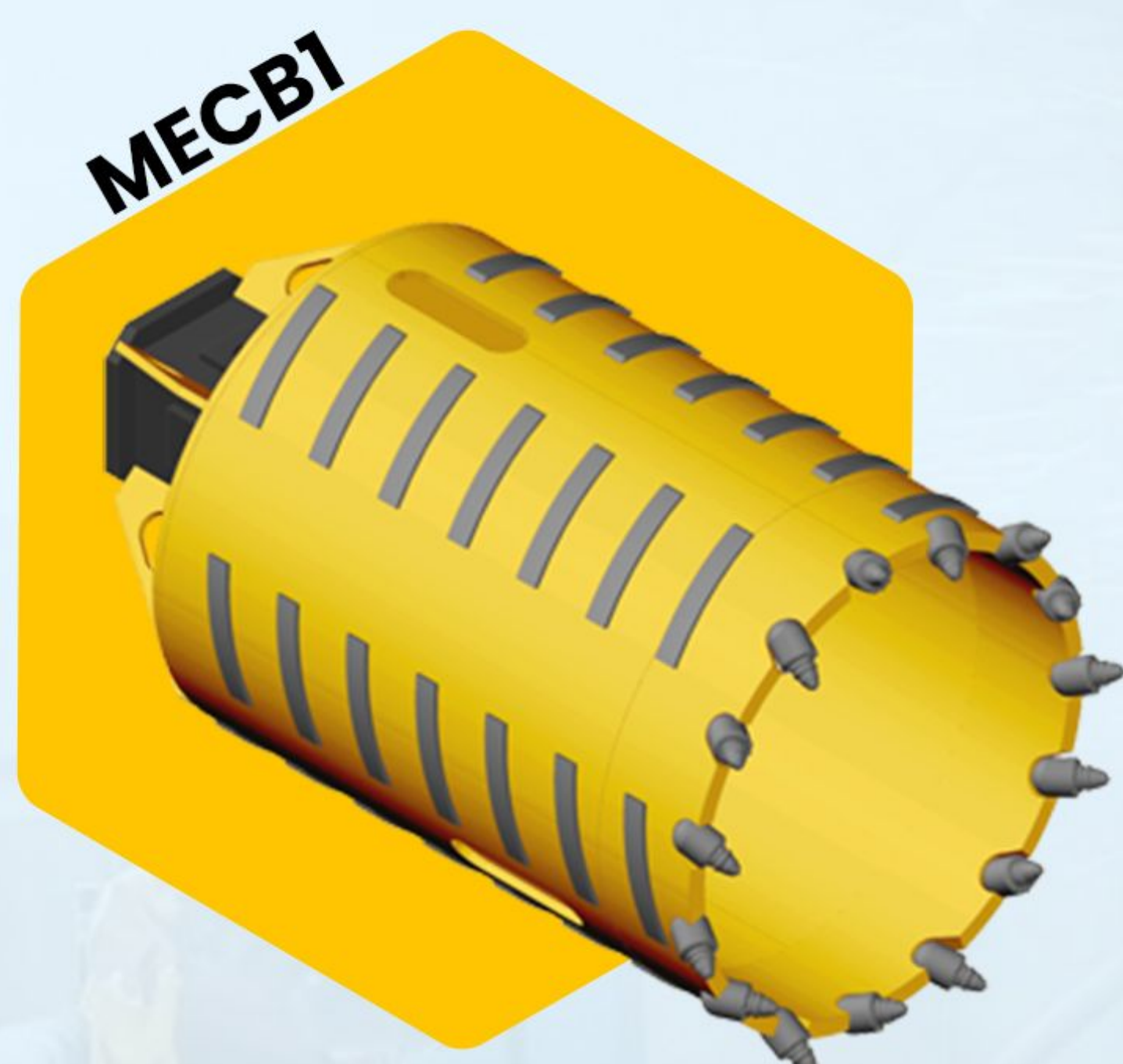
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Super Heavy Duty Tools Core Barrel

Specification of piling tools

Auger Bucket, core barrel, Vertical Pump, Treame pipe set, Bentonite tank, Soil Teeth holder, rock Bullet all types of tools and accessories are available.



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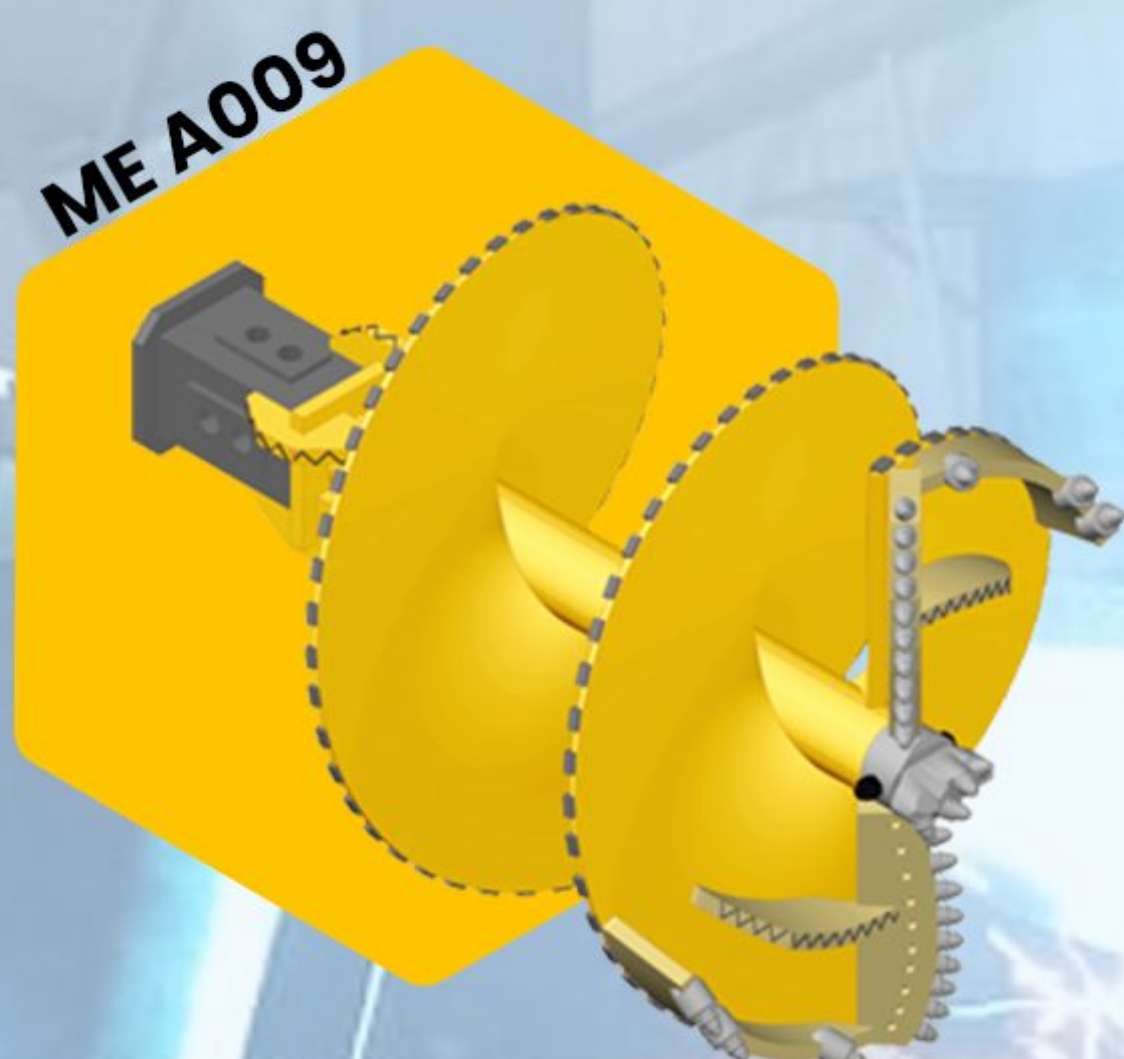
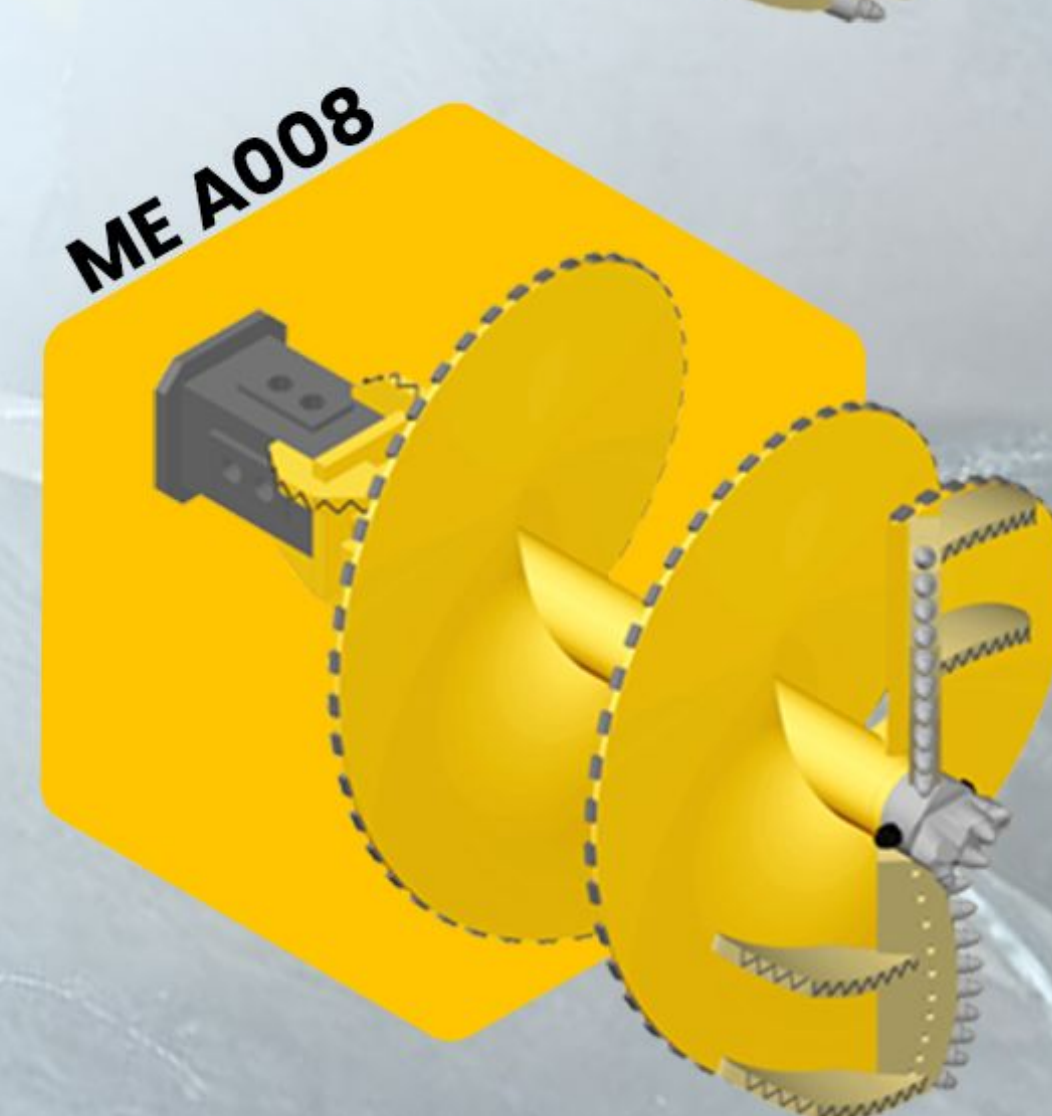
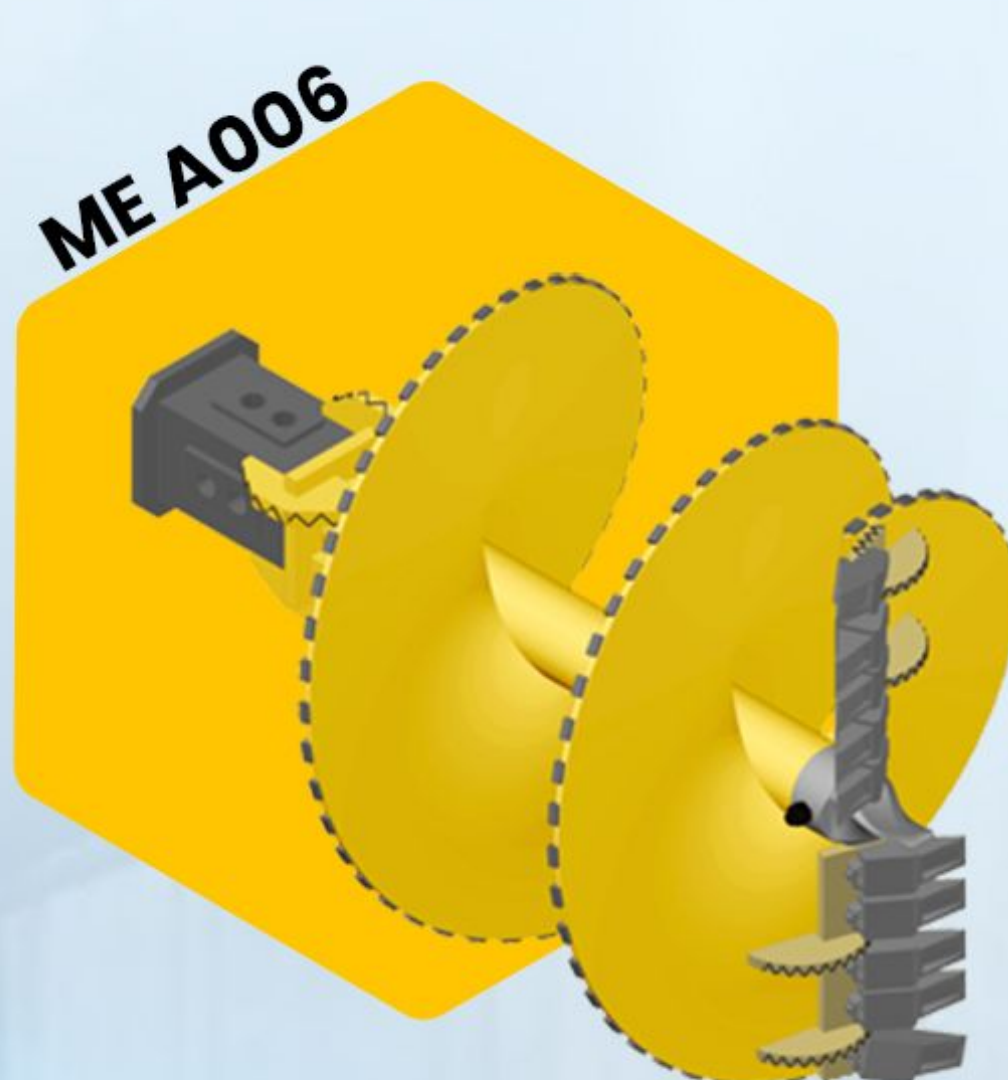
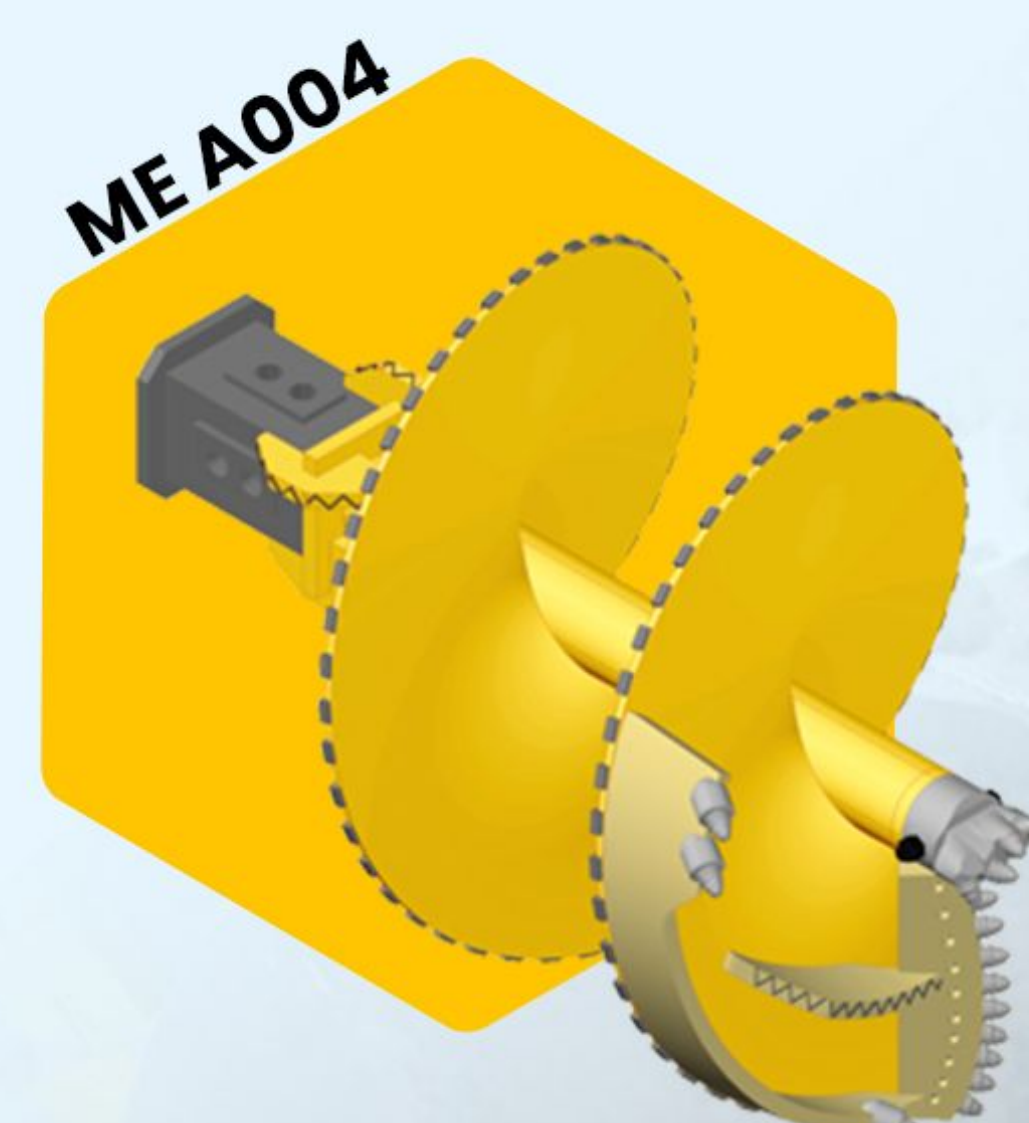
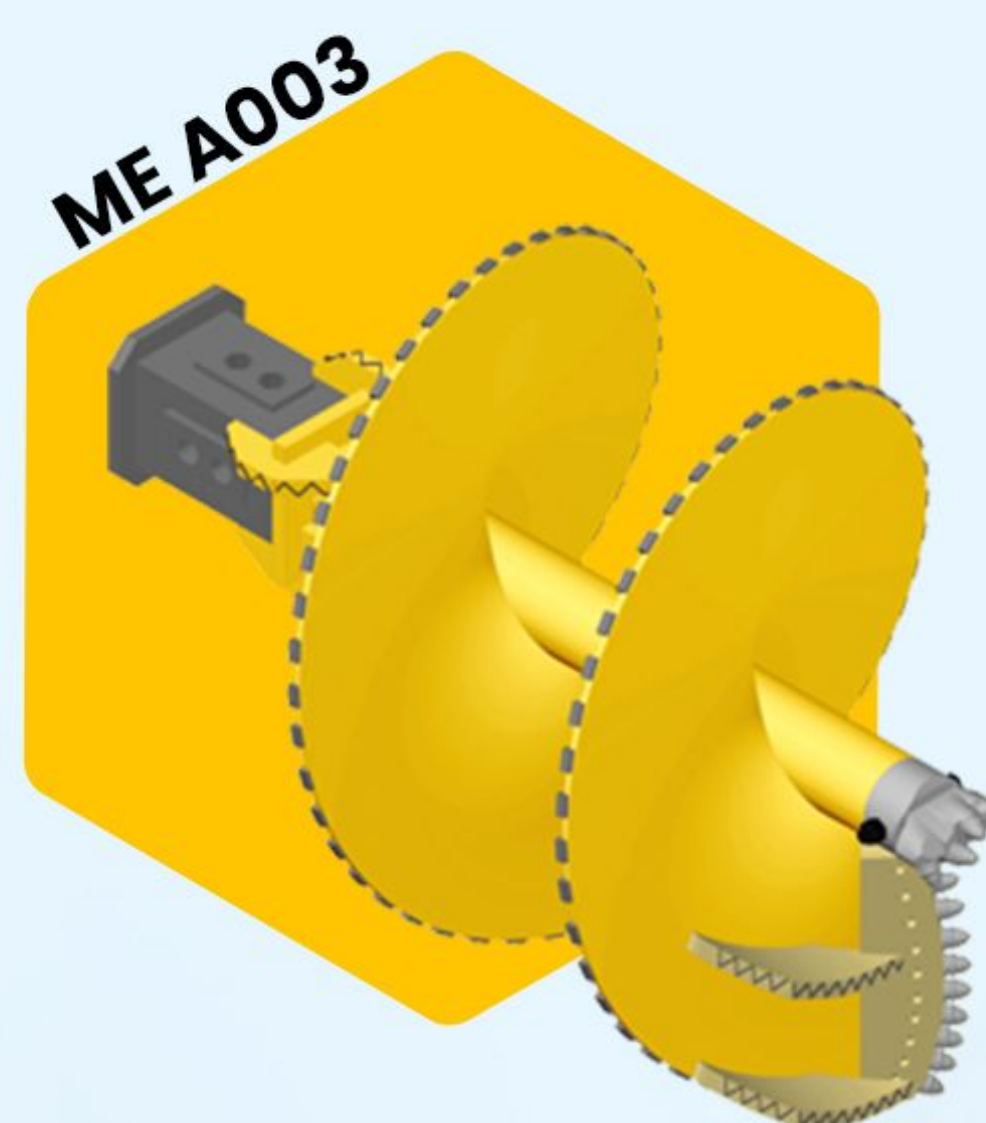
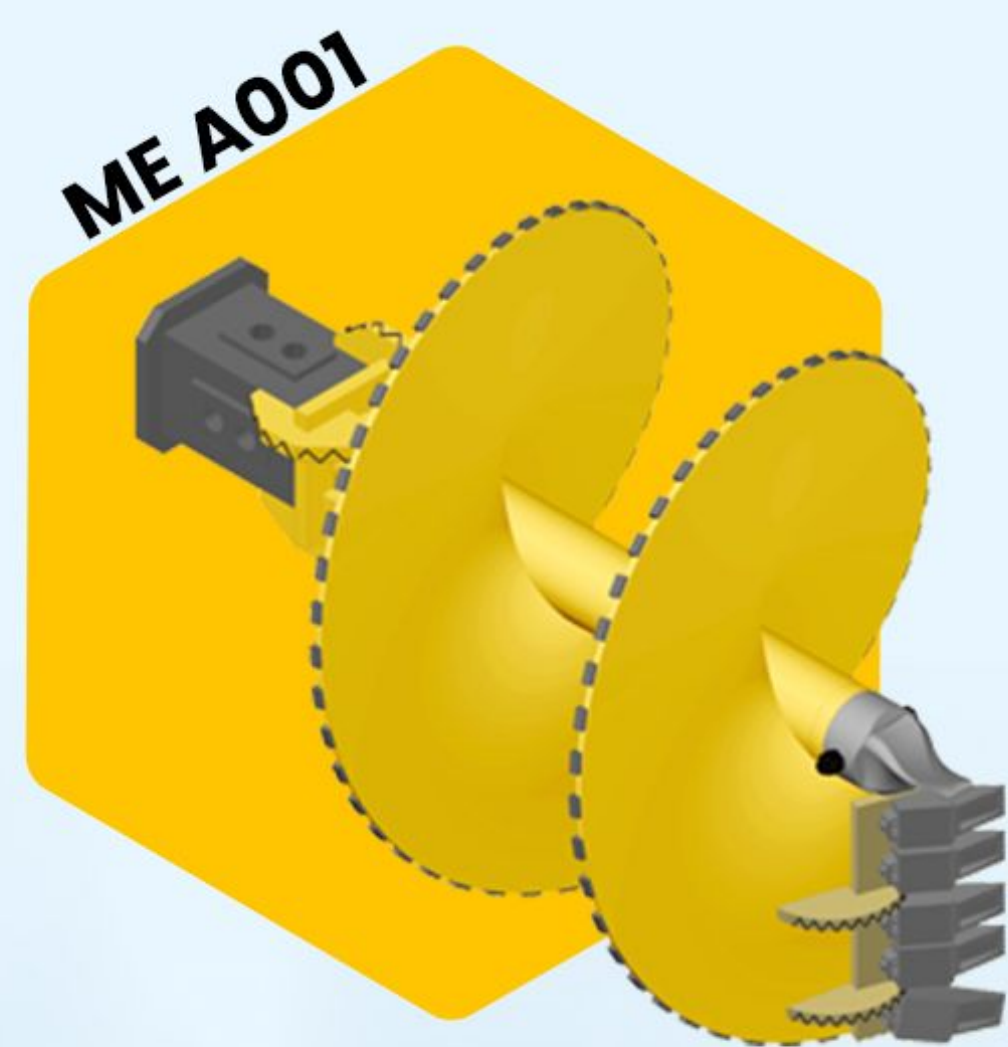
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Single Start Auger Super Heavy Duty Tools

Specification of piling tools

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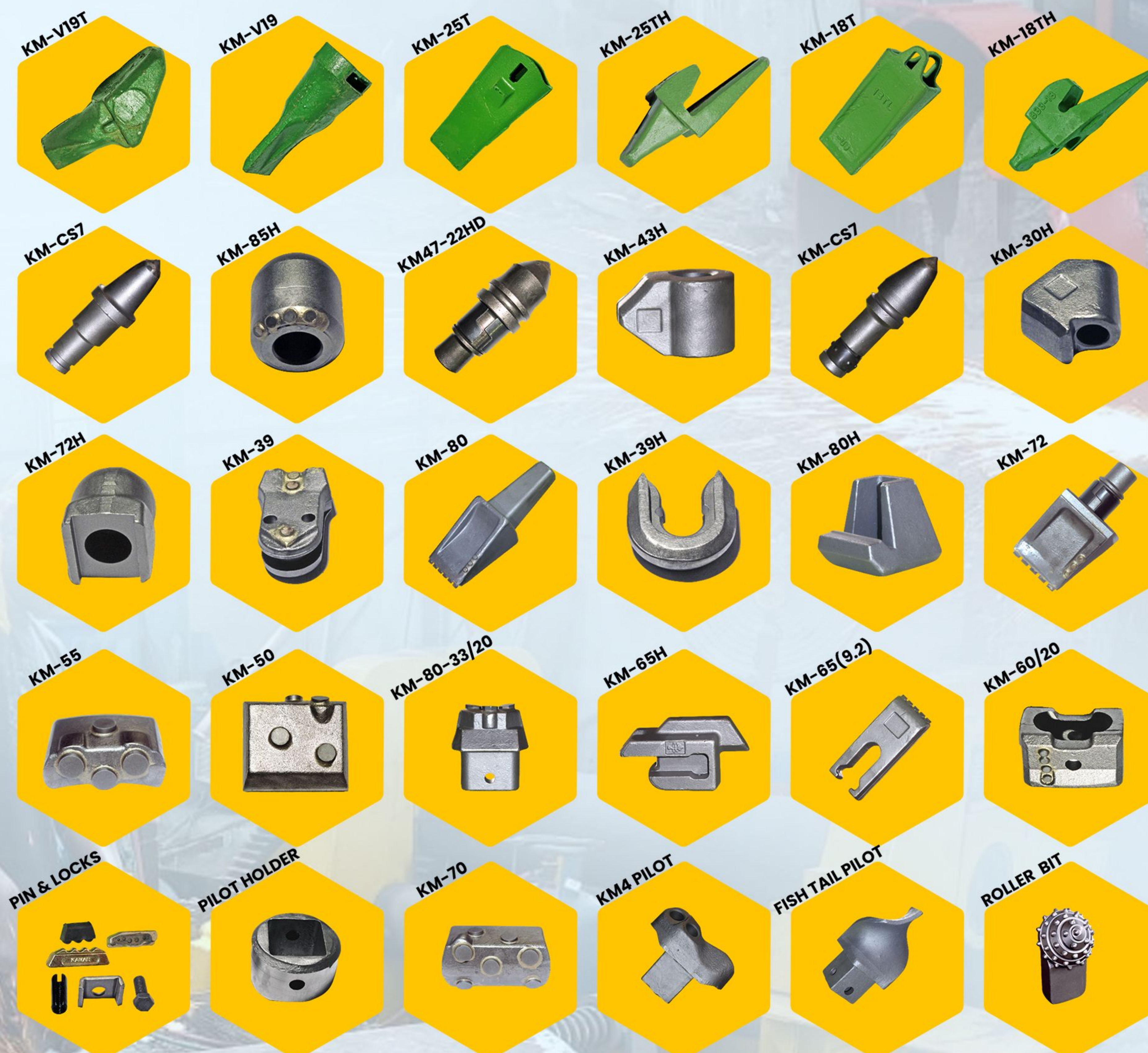
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Wear Parts

METALIX ENGINEERING is a professional manufacturer & exporter of road drilling tools, foundation drilling tools & rock drilling tools used for tunneling, trenching & drilling. Having a vast experience in the field, we have created a strong good will among our customers.

We manufacture a superior quality range of wear part, which are used for foundation drilling works, we offer these products in varied specifications. Our products having reliability, efficiency, and robustness and we manufacture these products using state of art technologies using latest machines. In addition, these products are available to fulfill the client's requirement.



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**Soil
Teeth**



**Rock
Bullet**

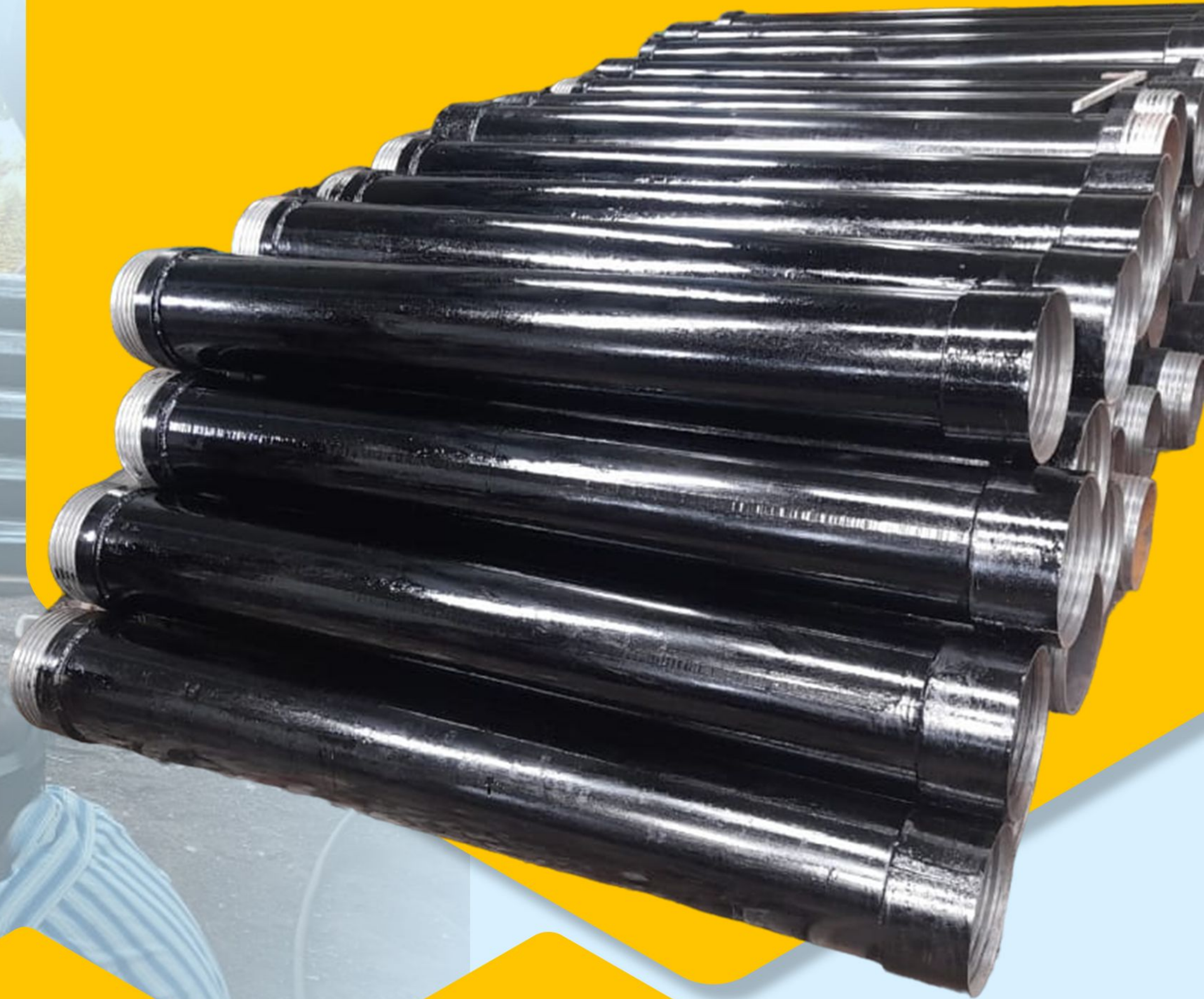




- **Metalix** augers are manufactured in various models to accomplish the requirements for every type of ground drilling conditions.
 - In order to increase the resistance of our augers, special compound steels are used on request.
 - The Kelly boxes can be manufactured custom sized and shaped for every kind of drilling rigs.
 - On request, every type of hard-facing & wear protection is available. We can also use special wear protection plates and sheets.
 - We prefer to use our own well-known branded carbide picks and teeth.
- For soil conditions, long attack, high penetration ability special excavation type teeth and tungsten carbide inserts protected teeth options are available as per the requirements.



Treame Pipe



From 6 Inches (150 mm Dia) to 12 Inches (300 mm Dia) Treame pipe sets are available with all accessories like:- Hopper/Funnel, Flashing Head, Lifting Head, Platform. All Treame Pipes are made of with prime quality ARW pipe and male-female socket fitted both end.

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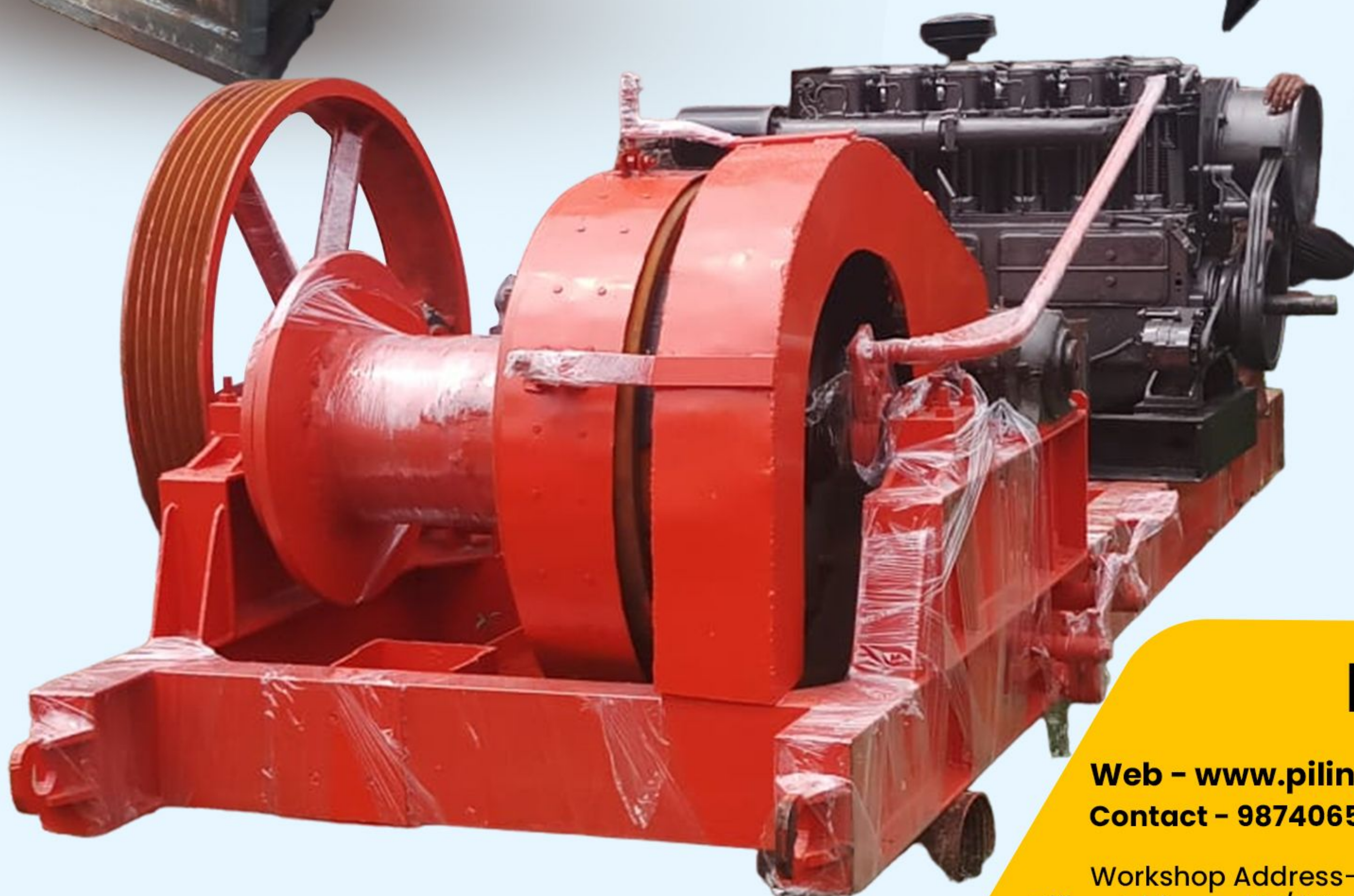
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Rotary Drilling Tools Augur Bucket



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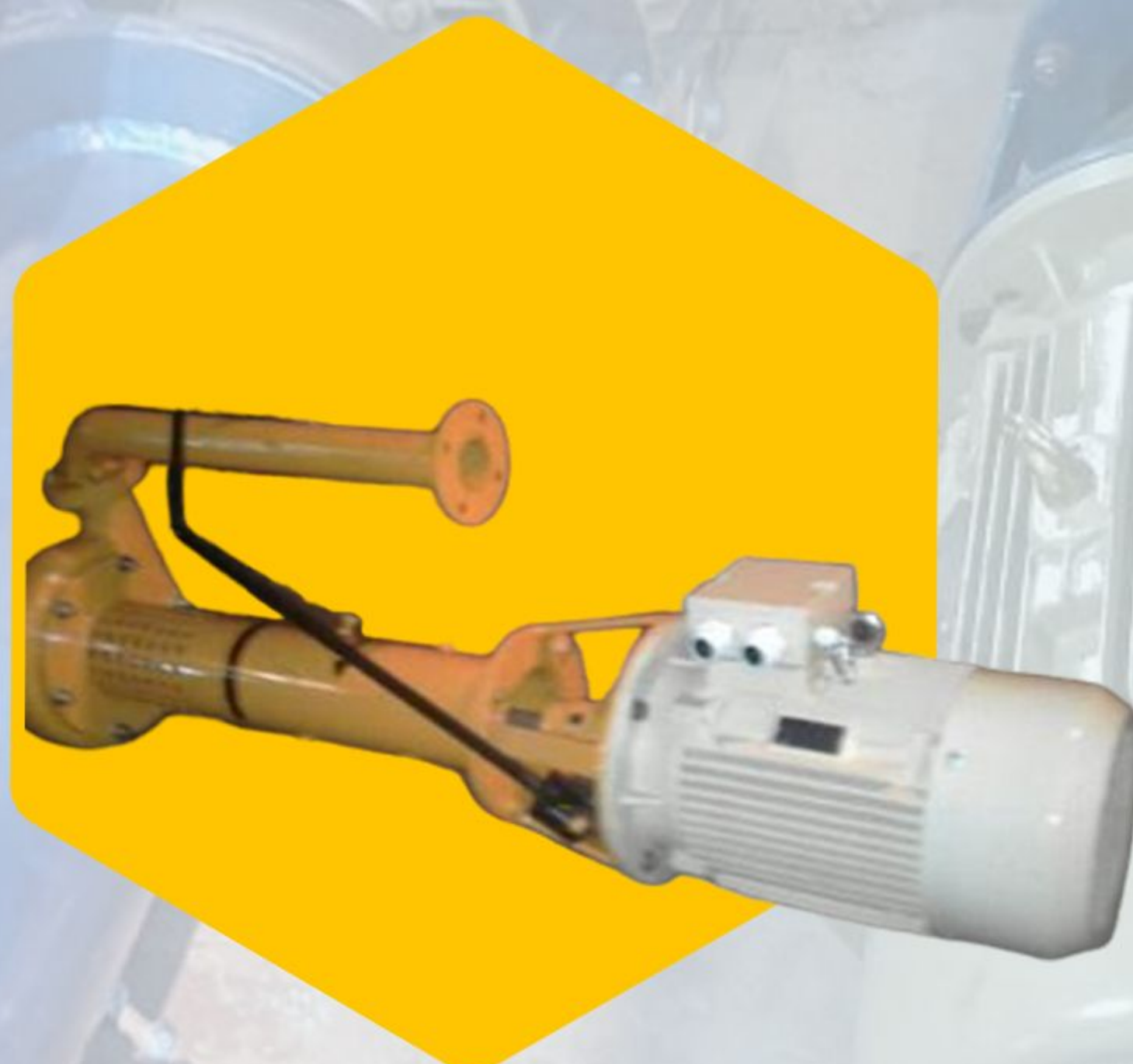


vertical pumps

METALIX ENGINEERING PUMPS are basically designed for construction Industry, for mixing and pumping of Bentonite Clay used in piling work. The Pump has vertical format design, top suction, Cantilever type of Bearing Housings, while the drive motor is located at the top. The design of the pump is such that it mixes as well as it pumps the Bentonite slurry, thus giving the effect of churning the Bentonite Slurry in the tank.

Technical Specification

CAPACITY (m3/hr.)	60-108
Head (mts)	15-27
Sp. Gr. Of Slurry	1.15
Pump Speed (RPM)	1400
Wear Parts	Hi-Chrome
Discharge Dia (mm)	75
Suction Dia (mm)	125
Mounting	Vertical
Absorbed Power (KW)	10
Motor Rating (KW)	11
RPM	1450
Frame Size	160 M
Working Pressure (Bar)	16



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