



BLUE DIAMOND

HEAVY EQUIPMENT & MACHINERY SPARE PARTS TRADING LLC



HEAVY EQUIPMENT
for heavy-duty jobs



About Us

Welcome to Blue Diamond Heavy Equipment and Spare Parts LLC, your trusted partner in the earth drilling industry. Based in the heart of the UAE Dubai, we specialize in providing high-quality heavy equipment attachments and drilling consumables tailored to meet the needs of foundation drilling contractors.



Our Products and Services

At Blue Diamond, we offer a comprehensive range of equipment and services, ensuring that your projects are completed with precision and efficiency. Our product lineup includes:

Heavy Equipment Attachments:

- » **Auger Drives:** Robust and reliable, suitable for various soil types and drilling conditions.
- » **Pile Drivers:** Designed for high performance and durability in demanding environments.
- » **Breakers:** Efficiently handle tough materials, reducing downtime and increasing productivity.
- » **Mast Base Attachments:** Essential for dewatering contractor to drill 6 meter well point drilling with cfa augers / tricone bit /dth.

Drilling Consumables:

- » **Augers:** Manufactured in our Al Quoz workshop, our augers are known for their durability and precision.
- » **Drilling Buckets:** Perfect for removing spoil and achieving clean boreholes.
- » **Core Barrels:** Ideal for cutting through rock and hard strata, providing clean and accurate cores.
- » **Casing:** Ensures the integrity of boreholes in unstable soil conditions.
- » **CFA Augers:** Continuous flight augers designed for a wide range of soil conditions and applications.





Our Workshop

Our state-of-the-art manufacturing workshop is equipped with the latest technology and staffed by an experienced team of professionals. We pride ourselves on producing high-quality tools that meet international standards. Our products come with comprehensive support on installation and a warranty period of 12 to 18 months, ensuring peace of mind for our clients.



Maintenance and Support

In addition to manufacturing, we offer maintenance services to keep your equipment in top condition. Regular maintenance not only extends the life of your tools but also enhances their performance, ensuring that your projects run smoothly.



Quality and Affordability

At Blue Diamond, we are committed to delivering high-quality tools at affordable prices. Our focus is on building long-term relationships with our clients by providing reliable products and exceptional service. We understand the demands of the drilling industry and strive to support our clients with the best possible solutions.



Our Commitment

We are dedicated to supporting drilling contractors by offering products that meet the highest standards of quality and performance. Whether you need attachments, consumables, or maintenance services, Blue Diamond Heavy Equipment and Spare Parts LLC is here to help you achieve your project goals efficiently and cost-effectively.



Get in Touch

For more information about our products and services, please contact us at or visit our website www.augerpillingtools-bd.com. Let Blue Diamond Heavy Equipment and Spare Parts LLC be your partner in success for all your drilling needs.



Auger Drive



**Warranty
For the
Entire Drive**

HOSES AND ADAPTORS

All Auger drives come standard with high quality hoses and adaptors (excludes larger units. QRC's not included).

NON-DISLODGE SHAFT

The Non-Dislodgement Shaft is a single piece drive shaft assembled top down and locked into the Earth Drill housing. This design guarantees that the shaft will never fall out, making for a safer work environment, not only for the operator but also any surrounding workers, a **MUST-HAVE FEATURE** for any safety conscious company.

FORGED HOOD EARS

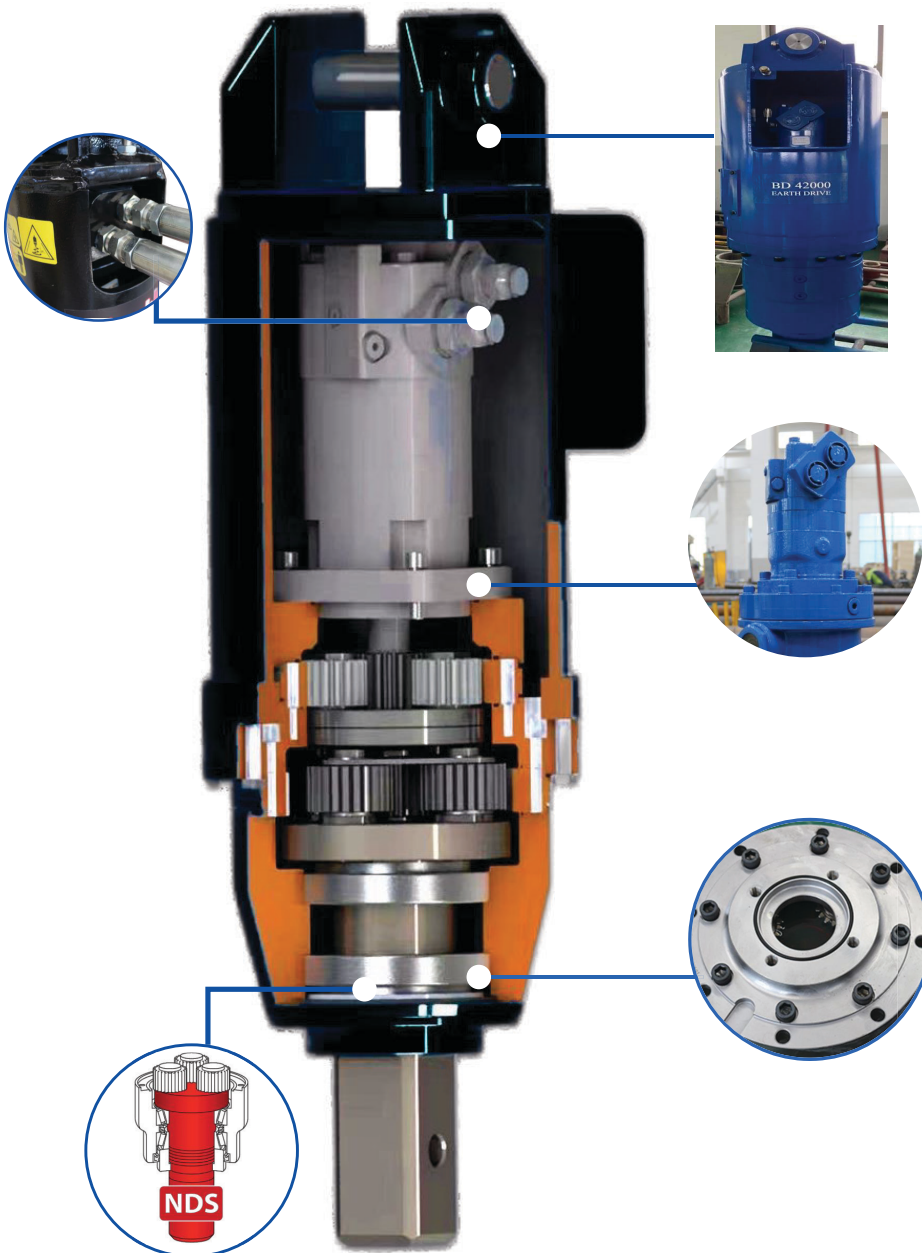
Standard with all Auger Drives in areas that we know will take a lot of strain. All hood pins are locked for extra safety making it impossible for the hood to detach from your hitch.

HIGH QUALITY HYDRAULIC MOTORS

EATON Motor provide stable and high torque power output. The failure rate is only 0.2%.

EPICYCLIC GEARBOX

Torque is amplified by using the unique planetary gearbox. This system allows the motors output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.





Warranty
Forthe
Entire Drive



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MODEL	BD4500	BD8000	BD25000	BD42000	BD65000
TORQUE (NM)	1,590-4,218	2,772-8048	16,790-24949	24,845-42,318	34,560-62,197
OIL PRESSURE (Bar)	80-240	80-240	160-250	180-310	240-350
OIL FLOW (lpm)	38-76	61-136	90-180	80-260	100-280
SPEED (rpm)	32-64	29-64	16-30	24-9	
UNIT HEIGHT(mm)	700	850	930	1210	1450
UNIT DIAMETER(mm)	244	269	290	406	406
UNIT WEIGHT(kg)	71	115	280	440	490
HITCH OPTION	SINGLE PIN DOUBLE PIN DP CRADLE	SINGLE PIN DOUBLE PIN DP CRADLE	SINGLE PIN DOUBLE PIN DP CRADLE	SINGLE PIN DOUBLE PIN DP CRADLE	SINGLE PIN DOUBLE PIN DP CRADLE
OUT PUT SHAFT	65 ROUND	75 SQUARE	75 SQUARE	110 SQUARE	110 SQUARE
AUGER RANGE	S4	S5	S5/S6	PA	PA
DRILLING DIAMTER (mm)	100-900	150-900	150-900	300-1500	300-2000
DEPTH	SOFT 4-M @100-600MM DIA	SOFT 12-M @100-200MM DIA	SOFT 6-M @100-600MM DIA	SOFT 12-M @300- 600MM DIA	SOFT 12-M @300-800MM DIA
	MEDIUM 3.4-M @100-600MM DIA	MEDIUM 6-M @150-400MM DIA	MEDIUM 4-M @150-600MM DIA	MEDIUM 8M @300- 600MM DIA	MEDIUM 8-M @300-800MM DIA
	HARD 2.4-M @100-600MM DIA	HARD 4-M @150-400MM DIA	HARD 4-M @150-600MM DIA	HARD 5-M @300- 600MM DIA	HARD 4-M @300-800MM DIA

ROCK AUGERS

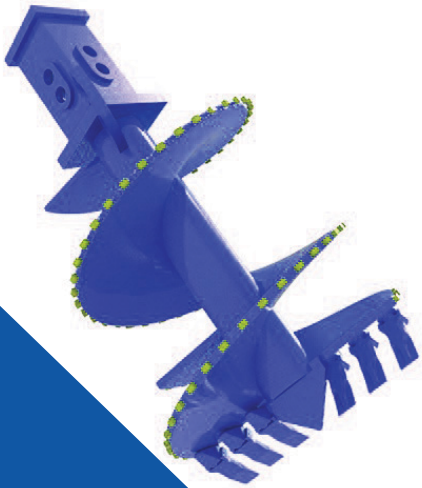
Premium rock augers, crafted in the UAE, guarantee top-notch quality and swift delivery. Perfect for challenging drilling conditions

Discover our high-quality rock augers, expertly crafted in the UAE for superior performance. Designed for tough drilling conditions, these augers promise durability and efficiency. Enjoy quick delivery and exceptional service, ensuring your projects stay on track and on time.



SOIL AIGER

Experience the best with our premium rock augers, made in the UAE for superior durability and performance. Ideal for tough drilling conditions, we offer fast delivery and excellent maintenance support, ensuring your projects stay on schedule and run efficiently.



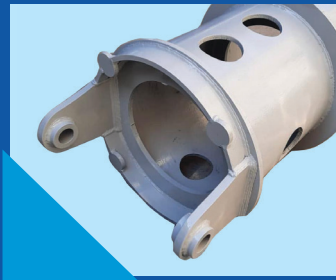
DRILLING BUCKET

Our high-quality drilling buckets, crafted for durability and long life, are versatile enough for all types of machines. We offer a comprehensive range and ensure swift delivery, keeping your projects on track and efficient.



CLEANING BUCKET

Our premium cleaning buckets are designed for durability and long life, compatible with various machines and auger drives. We offer swift delivery and exceptional versatility, ensuring efficient operation across different projects



CASING ADAPTOR

Our casing adaptor for piling rig machines offers unmatched versatility and quality. Made in the UAE with top-grade materials, this adaptor guarantees durability and reliability. We offer quick delivery and customization options to meet your specific project needs.



CORE BARREL

Explore our top-tier core barrels crafted with high-quality consumables, including tricone bits and BK 47. Available in a wide range of diameters, our core barrels are delivered promptly to meet your project needs. Experience superior performance and reliability with our premium products

DEWATERING WELL POINT DRILLING / EARTHING ROD DRILLING

Our auger drive attachment offers unparalleled flexibility and quality for dewatering well point drilling and earthing rod drilling applications. With an 18-month warranty on the drive, you can trust in its reliability. Compatible with drives like the 8000 with backhoe and 25000 plus PRV with 20-35 ton excavators, it ensures cost-effective availability and efficient performance, meeting your diverse project needs with ease



PREDRILLING OF SHEET PILING

Our auger drive attachment excels in predrilling for sheet piling up to 12 meters with diameters ranging from 300mm to 600mm. Offering exceptional flexibility and quality, it comes with an 18-month warranty on the drive. Compatible with BD 42000 to BD 65000 options, with or without a goose neck, and suitable for 35-50 ton excavators, it ensures cost-effective availability and reliable performance for your projects.

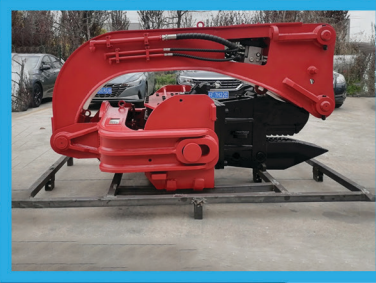
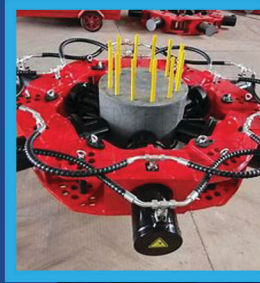


LIGHT POLE FOUNDATION / MICRO PILE DRILLING

Our auger drive attachment is ideal for light pole foundation and micro piling drilling, accommodating diameters from 600mm to 1500mm. Engineered for flexibility and durability, it comes with an 18-month warranty on the drive. Compatible with BD 42000 to BD 65000 options, it ensures cost-effective availability and reliable performance with 35-50 ton excavators, adapting seamlessly to various ground conditions.



ADDITIONAL ATTACHMENT PRODUCTS



CONSUMABLE PRODUCTS



BLUE DIAMOND
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