

DRILLING RIGS

HIGH PERFORMANCE BUILT FOR RESULTS

Reliable. Powerful. Efficient.
Engineered for every challenge.



RUGGED
DESIGN



HIGH
EFFICIENCY



SAFETY
FIRST



BUILT FOR
RESULTS

ABOUT ZEDX TECHNOLOGY

ZEDX Technology is a global provider of advanced drilling solutions.

We deliver high-performance drilling rigs designed for a wide range of geological conditions and industrial applications.

Our commitment to quality, innovation, and customer support ensures maximum productivity and long-term reliability.



Global
Presence



Advanced
Solutions



Reliable
Performance



Customer
Support

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PRODUCT OVERVIEW

ZEDX drilling rigs are engineered to deliver maximum efficiency, durability, and flexibility. They are suitable for water well drilling, mining exploration, geotechnical investigations, and construction projects.



HIGH
EFFICIENCY



RELIABLE
PERFORMANCE



EASY
MAINTENANCE



DURABLE
BUILD



VERSATILE
APPLICATIONS

DRILLING RIG MODELS

ZEDX offers a range of reliable and high-performance drilling rigs designed to meet the demands of water well drilling, exploration, and geotechnical applications.



ZDX-300H

0-200 m



HIGH
EFFICIENCY



ZDX-400R

0-300 m



RELIABLE
PERFORMANCE



ZDX-490R

0-400 m



EASY
MAINTENANCE



ZDX-600H

0-500 m



LOW FUEL
CONSUMPTION



STRONG &
DURABLE

Note: Drilling depth depends on soil conditions, drilling method, and other environmental factors.

TECHNICAL SPECIFICATIONS

ZEDX drilling rigs are engineered for performance, durability, and efficiency across a wide range of drilling applications and terrains.



SPECIFICATION	ZDX-300H	ZDX-400R	ZDX-490R	ZDX-600H
Drilling Depth	0-200 m	0-300 m	0-400 m	0-500 m
Drilling Diameter	90-300 mm	105-350 mm	105-400 mm	140-450 mm
Drill Pipe Diameter	76/89 mm	76/89 mm	89/102 mm	89/102 mm
DTH Hammer	3.5"-6"	4"-8"	4"-8"	5"-10"
Rotation Speed	0-100 rpm	0-80 rpm	0-80 rpm	0-70 rpm
Rotation Torque	4200 N-m	6500 N-m	8000 N-m	9500 N-m
Feeding Stroke	3400 mm	4200 mm	4300 mm	4600 mm
Lifting Force	18 KN	20 KN	22 KN	25 KN
Engine Power	85 KW	105 KW	125 KW	155 KW



HIGH
PERFORMANCE



RELIABLE
DURABILITY



EFFICIENT
OPERATION



MAXIMUM
PRODUCTIVITY



EASY
MAINTENANCE

KEY FEATURES

Engineered for performance and built for reliability. Every component is designed to deliver maximum efficiency in the toughest conditions.

High Strength Steel Structure

Enhanced durability for long service life.

Powerful Hydraulic System

Smooth operation and high efficiency.

Top Drive Rotary Head

High torque and precise drilling performance.

Dust Collector (Optional)

Reduces dust and improves air quality on site.

Easy Maintenance

Accessible design for faster service and lower downtime.

Air Compressor System

Reliable air supply for maximum performance.



APPLICATIONS

ZEDX drilling and shotcrete solutions are engineered for high performance across a wide range of demanding applications.



Water Well Drilling

Reliable solutions for efficient groundwater exploration and well construction.



Mining Exploration

Engineered for tough terrain and deep drilling in mineral exploration projects.



Geotechnical Investigation

Accurate and dependable drilling for soil, rock, and foundation analysis.



Construction Projects

Versatile equipment for tunneling, anchoring, and infrastructure development.

OPTIONAL CONFIGURATIONS

Enhance the performance and versatility of your equipment with our optional configurations, designed to meet the demands of diverse job site conditions.



DUST COLLECTOR

Reduce dust pollution and protect the working environment.



ROD LOADER

Improve efficiency and reduce labor intensity.



MUD PUMP

Ensure efficient slurry handling for smooth and continuous operation.



FOAM PUMP

Improve drilling efficiency and stability in challenging conditions.

QUALITY & RELIABILITY

Every ZEDX drilling rig is manufactured under strict quality control.

All critical components are tested for performance, durability, and safety before delivery.



STRICT
QUALITY
CONTROL



RIGOROUS
TESTING



PREMIUM
COMPONENTS



LONG
SERVICE LIFE

AFTER-SALES SUPPORT

We stand by our equipment with reliable after-sales service that ensures maximum uptime and peace of mind.

- 24/7 Technical Support
- Spare Parts Supply
- Operator Training
- Maintenance Guidance
- On-site Service Available



GLOBAL PROJECTS



30+

Countries

200+

Projects

1000+

Units Delivered

99%

Customer Satisfaction

WHY CHOOSE ZEDX

- ✓ High Performance & Efficiency
- ✓ Robust Design for Tough Conditions
- ✓ Advanced Technology
- ✓ Competitive Price
- ✓ Fast Delivery
- ✓ Professional Support



THANK YOU

FOR YOUR TRUST AND PARTNERSHIP

At ZEDX Technology, we don't just deliver equipment—we deliver performance, reliability, and peace of mind. We appreciate the trust you place in us and look forward



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Thank you for being part of the **ZEDX** family.
Together, we power every project forward.

AIR COMPRESSORS

HIGH EFFICIENCY POWER YOU CAN RELY ON

ZEDX air compressors deliver high-performance, durable and energy-efficient solutions ensuring maximum uptime and reliability in the most demanding drilling and industrial applications.



HIGH EFFICIENCY

Optimized performance with lower fuel consumption and higher output.



ENERGY SAVING

Advanced engineering reduces energy use and operating costs.



LOW MAINTENANCE

Easy access design minimizes downtime and maintenance costs.



STRONG POWER

Reliable and consistent air supply for tough drilling conditions.

AIR COMPRESSOR MODELS

ZEDX air compressors deliver high performance, durability, and energy efficiency for a wide range of drilling and construction applications.



ZAC-900

900 CFM | 17 bar



ZAC-1060

1,060 CFM | 17 bar



ZAC-1200

1,200 CFM | 20 bar



ZAC-1415

1,415 CFM | 20 bar

** Customized models available upon request.*



**Fuel
Efficient**



**Easy
Maintenance**



**Reliable
Operation**



**Portable
Design**

AIR COMPRESSOR MODELS

ZEDX air compressors deliver high performance, durability, and energy efficiency for a wide range of drilling and construction applications.



ZAC-750

350 CFM | 7 bar



ZAC-900

400 CFM | 8 bar



ZAC-1200

500 CFM | 10 bar



ZAC-1500

550 CFM | 12 bar

** Customized models available upon request.*



**Fuel
Efficient**



**Easy
Maintenance**



**Reliable
Operation**



**Portable
Design**

AIR COMPRESSOR SPECIFICATIONS

ZEDX air compressors deliver high performance, durability, and energy efficiency for demanding drilling and industrial applications.



SPECIFICATION	ZAC-900	ZAC-1060	ZAC-1200	ZAC-1415
Working Pressure	17 bar (246 psi)	17 bar (246 psi)	20 bar (290 psi)	20 bar (290 psi)
Air Delivery	26 m ³ /min (900 cfm)	30 m ³ /min (1,060 cfm)	34 m ³ /min (1,200 cfm)	40 m ³ /min (1,415 cfm)
Engine Power	186 kW (250 HP)	224 kW (300 HP)	298 kW (400 HP)	373 kW (500 HP)
Fuel Tank Capacity	300 L	350 L	500 L	500 L
Dimensions (L×W×H)	5200×2000×2100 mm	5600×2100×2200 mm	6100×2200×2300 mm	6700×2300×2400 mm
Weight	5,200 kg	5,800 kg	7,000 kg	8,500 kg



HIGH
EFFICIENCY



RELIABLE
PERFORMANCE



EASY
MAINTENANCE



LOW FUEL
CONSUMPTION



STRONG &
DURABLE

AIR COMPRESSOR

FEATURES & APPLICATIONS

ZEDX air compressors deliver high performance, durability, and energy efficiency for demanding job site applications.

KEY FEATURES

- 
High Efficiency & Reliability
Built for continuous performance with advanced cooling systems.
- 
Easy Operation & Maintenance
User-friendly controls and easy access for quick servicing.
- 
Low Fuel Consumption
Optimized engine and compressor technology for lower operating costs.
- 
Durable & Rugged Design
Heavy-duty build to perform in harsh job site conditions.
- 
Low Noise Operation
Noise-reduced enclosure ensures a safer and more comfortable work environment.
- 
Versatile Applications
Ideal for drilling, construction, mining support, and industrial use.



APPLICATIONS



Drilling Sites

Reliable compressed air for drilling operations and equipment.



Construction

Powers pneumatic tools and supports construction activities.



Mining Support

Provides consistent air supply for mining and quarry operations.



Industrial Projects

Suitable for a wide range of industrial and maintenance applications.

SHOTCRETE MACHINE OVERVIEW

ZEDX shotcrete machines are engineered for high performance, efficiency, and reliability in the most demanding tunneling, mining support, slope stabilization, and construction applications.



HIGH OUTPUT

Powerful performance ensures rapid spraying and maximum productivity.



STABLE SPRAY

Consistent and even spray flow for superior surface quality.



EASY OPERATION

User-friendly controls for quick setup and efficient operation.



LOW MAINTENANCE

Durable components and smart design minimize downtime and upkeep.

SHOTCRETE MACHINE MODELS

ZEDX shotcrete machines deliver high performance, durability, and accuracy for a wide range of tunneling, mining, and construction applications.



ZSC-7

7 m³/h | 7 bar



ZSC-9

9 m³/h | 8 bar



ZSC-12

12 m³/h | 10 bar



ZSC-15

15 m³/h | 12 bar

** Customized models available upon request.*



**Precise
Spraying**



**Durable
Build**



**Reliable
Operation**



**Portable
Design**

SHOTCRETE SYSTEM

SPECIFICATIONS

ZEDX shotcrete systems deliver high performance, durability, and efficiency for a wide range of shotcrete and concrete applications in tunneling, mining, slope stabilization, and infrastructure projects.



SPECIFICATION	ZSS-10	ZSS-20	ZSS-30	ZSS-40
Capacity	10 m ³ /h	20 m ³ /h	30 m ³ /h	40 m ³ /h
Aggregate Size	16 mm	20 mm	25 mm	25 mm
Air Pressure	0.5 – 0.7 MPa	0.5 – 0.8 MPa	0.6 – 0.8 MPa	0.6 – 0.9 MPa
Conveying Distance (Horizontal)	150 m	200 m	250 m	300 m
Vertical Height	60 m	80 m	100 m	120 m
Engine Power	55 kW (75 HP)	75 kW (100 HP)	90 kW (120 HP)	110 kW (150 HP)
Dimensions (L×W×H)	4300×1600×1800 mm	4800×1700×1900 mm	5200×1800×2000 mm	5600×1900×2100 mm
Weight	2,500 kg	3,300 kg	4,200 kg	5,100 kg



HIGH EFFICIENCY

Optimized pumping system ensures high output with lower operating costs.



RELIABLE PERFORMANCE

Built with quality components for consistent performance in tough job site conditions.



EASY MAINTENANCE

Accessible design and modular components simplify maintenance.



LOW REBOUND

Advanced nozzle design minimizes rebound and maximizes material usage.



STRONG & DURABLE

Rugged structure built to withstand harsh work environments.

SHOTCRETE

KEY FEATURES



High Spraying Efficiency

Powerful output for fast application and high productivity.



Precise Material Delivery

Advanced control system ensures consistent mix and accurate delivery.



Low Rebound

Optimized spraying technology minimizes rebound and material loss.



Stable Performance

Reliable operation under tough conditions with minimal downtime.



Easy Maintenance

Smart design for quick access and easy servicing.



Durable Build

Heavy-duty construction built to withstand harsh job site environments.



APPLICATIONS



Tunneling

Ideal for tunnel lining and underground support applications.



Slope Stabilization

Provides strong surface protection and erosion control for slopes.



Construction

Perfect for shotcrete in buildings, bridges, and infrastructure projects.



Mining Support

Enhances ground support in mines and other underground operations.

SHOTCRETE APPLICATIONS

ZEDX air compressors deliver reliable, high-pressure air for shotcrete applications in demanding environments, ensuring consistent performance and superior results.



UNDERGROUND MINING

Provides reliable air for shotcrete support in underground excavations, enhancing ground stability and worker safety in mining operations.



TUNNEL CONSTRUCTION

Delivers continuous, high-pressure air for shotcrete application in tunnel linings, ensuring structural integrity and long-term durability.



SLOPE STABILIZATION

Ideal for reinforcing and protecting slopes infrastructure, preventing erosion and improving long-term slope stability.



BUILDING CONSTRUCTION / CIVIL PROJECTS

Supports shotcrete for retaining walls, foundations, and structural repairs, ensuring strength, durability, and long-lasting performance.

SHOTCRETE OPTIONAL ACCESSORIES

ZEDX offers a range of optional accessories to enhance the performance, flexibility, and efficiency of your shotcrete operations.



REMOTE CONTROL

Wireless remote control for safe and precise operation from a distance.



WATER PUMP

High-performance water pump ensures consistent pressure for shotcrete applications.



ACCELERATOR PUMP

Precision accelerator pump for accurate dosing and optimum shotcrete performance.



HOSE REEL

Heavy-duty hose reel for safe storage and easy handling of shotcrete hoses.



NOZZLE SET

Durable nozzle set designed for consistent spray pattern and maximum output.



SPARE HOSE

High-pressure shotcrete hose built for durability and reliable performance on site.

OTHER EQUIPMENT OVERVIEW

In addition to our air compressors, ZEDX Technology offers a wide range of reliable and high-performance equipment to support drilling and construction operations. Built for durability, efficiency, and demanding job site conditions.



MUD PUMPS

High-pressure mud pumps designed for reliable performance in drilling and foundation applications.



WATER PUMPS

Robust and efficient water pumps for dewatering, dust suppression, and general water transfer needs.



GENERATORS

Reliable power generators delivering stable and efficient power for job sites and remote operations.



WELDING MACHINES

Durable and powerful welding machines built for precision, performance, and tough working environments.

SPARE PARTS & CONSUMABLES

Genuine ZEDX spare parts and consumables ensure optimal performance, reliability, and extended equipment life.



DRILL HAMMERS

High-performance hammers built for maximum impact energy and durability.



DRILL BITS

Premium quality bits for faster penetration and longer service life.



COUPLINGS

Robust and reliable couplings for secure connections and efficient power transfer.



SHANK ADAPTERS

Precision-engineered adapters for compatibility and seamless operation.



FILTERS

High-efficiency filters for cleaner air, fuel, and oil for peak performance.



LUBRICANTS

Specially formulated oils and greases for superior protection and efficiency.



SEALS

High-quality seals to prevent leaks and ensure long-lasting reliability.



WATER PARTS

Durable water system components for efficient cooling and operation.

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**DRILLING THE FUTURE
TOGETHER**