

DERUI

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DERUI



● UTILITY VEHICLE

● CUSTOMIZED EQUIPMENTS

● DUMP TRUCK

● LHD LOADERS

THE LARGEST MICRO UNDERGORUND L.H.D MANUFACTURER

Working with DERUI means working with highly productive rock drilling, load-haul-dump and transport solutions. It also means sharing a common cost-cutting challenge. We are always looking for new and effective ways to squeeze customers' production costs, but never at the expense of quality, safety or the environment. Underground mining and tunneling is tough and competitive business. Fortunately, our view on cutting costs is just as hard too. We will continue to be driven by innovation and a solid commitment to providing high cost performance equipments. Through interaction, innovation and a continuous drive to improve the way we do things – we help our customers achieve results.



DEWRUI always choose genuine parts imported from origins



DERUI's bucket combine the key features and benefits of WELDOX 700 steel and HARDOX 500 steel and other unrivalled materials to provide a highly attractive LHD bucket solution. The material we choose offers an unrivalled balance of "hardness", "abrasion resistance" and "toughness", which is a complex blend of alloying elements, and a specialized hardening process, result in consistent material characteristics with greater durability and greater life.



We choose MICO's valve portfolio includes accumulator charging valves, modulating valves, park brake valves, and steering assist valves. MICO's products provide independent braking to front and rear brake systems from one valve; oil immersed spring cavity protects return springs from outside contaminants. Also provides "pedal feel" proportional to brake system.



Seating system we choose GRAMMER or SEARS SEATING, the best ergonomic operator seat with seat belt.



We choose VOLVO PENTA series diesel engine, characterized by high performance, reliability, fuel efficiency, and low emission levels. Well-balanced engine for smooth operation and low noise levels. High-tech injection system contributes to efficient combustion and low fuel consumption. DEUTZ engines are always an alternative for customer who love it as always.



DANA Spicer Powershift Transmissions, engineered with smooth operation and long-term durability in mind, they are the centerpiece to a robust, efficient drivetrain system and deliver simplified handling, offers simplified handling, improved operator comfort, and reduced noise in off-highway applications



KESSLER or DANA, leading tanks of brands of axles for underground mining equipments. DANA Spicer® axles are designed to deliver maximum performance for mining vehicles, its single-reduction, planetary, specialty and transaxle lines deliver the reliability, power, and performance needed in rough terrains. KESSLER drive axles with modular design are also a option up to the wish of customers.



Engine: Genuine DEUTZ or VOLVO Made in Germany and France



Hydraulic Parts: Genuine PARKER Made in U.S.



Hydraulic Parts: Genuine LINDE Made in Germany



Transmission: Genuine DANA Transmission + Torque Converter Made in Belgium



Axles: Genuine KESSLER Made in Germany



Axles: Genuine DANA Made in WUXI, China



WHO WE ARE

A Valuable Alternative Of Underground Mining Equipments.

The Largest Micro L.H.D Manufacturer

Shandong Derui Mining Machinery Co., Ltd. from China was founded in 2011, is a professional manufacturer and also a global supplier specialized in underground mining and tunneling equipments, the family business is now present in 35 countries..

DERUI's corporate office and manufacturing facility are based in Weifang city, China. DERUI is famous and well-know for the world largest manufacturer of micro underground LHD loader with annual volume of sales of around 400 units of compact size models with load capacity of 1.2-2 Ton.

DERUI is certified in accordance with ISO 9001, offers a comprehensive lines of equipments for underground mining and tunneling applications with the same aim of always delivering the best solution for customers.

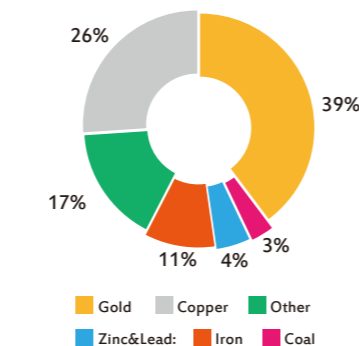
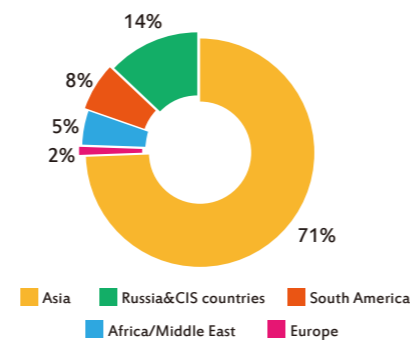
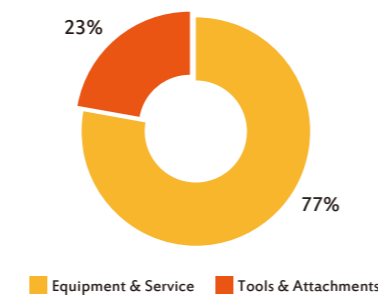
The company covers an area of 35000 square meters; the building area is 23000 square meters, possessing key advanced machinery processing equipments and heat treatment, including processing center, numerical control machine, and plasma cutting machine. The company is composed of scientific research team by a group of experts and engineers who engaged in the R&D and production of underground mining equipments for a long time.

DERUI builds individualized and customized mining and tunnel equipments to meet customers' high production demands and lower customers' cost per ton. DERUI produces equipments for use in tight spaces and low altitudes must be extremely compact in size and must have an optimal driving position. All DERUI equipments are maintenance-friendly, safe, ergonomic and functional. At the same time, they offer an economic advantage due to their high availability and durability. Our equipments also meet international safety requirements for the use of mobile machinery in mining and can be individually supplemented with additional safety equipment. Equipments manufactured by DERUI are available with electric motors too. Electrical driven equipments present the advantage of zero exhaust emission and consequently ideal for mining projects where fresh air is top priority.

DERUI continuously undertakes research and development into design and manufacture equipment that meets customer requirements for improving safety and productivity. DERUI has teams strategically placed in the field to offer support to clients, service products and provide spare parts.

Throughout our 9-year history, We are on a journey to transform the best mining equipment and service company into the all of our customers that directly serves the mining industry. Our focus on product leadership, service, cost, safety and efficiency will continue to enable us to devote ourselves in the mining industry. We will continue to invest in our people, products, service and processes to help our customers solve mining's toughest challenges.

Share of revenues and orders received 2018/2019 by segment and region



Vision

To be a world-class company delivering the reliable and Productive products, systems And solutions that solve underground mining's toughest challenges.

Mission

To partner directly with customers to enable them to achieve zero harm, the highest production and the lowest lifecycle cost for their mining Operations.

Strategy

Invest in research and development and Continuously launch new products and service That increase customers' productivity. Increase the service offer, perform service on a Higher share of the installed base of equipment. we consider the health and safety of miners a top priority. All of our products and systems are integrated with safety features to keep people safe when they're in, on or around them.

INCREASE PRODUCTION

REDUCE COST

IMPROVE HEALTH AND SAFETY

SAFE AND COST-EFFECTIVE MINING

PRODUCT AREAS

CHALLENGES AND OPPORTUNITIES



2012

Creation of DERUI, was founded in Weifang city, China.

2014

Creation of electric powered products range.

2016

Launch the first underground truck and compact class LHD loader

2018

Launch the new generation of micro LHD loaders.

2020

Launch the Mobile Rock Breaker, and electric powered flame proof narrow vein LHD loader.

2013

Creation of narrow vein Products range.

2015

Creation of flame proof narrow vein products range.

2017

Launch the micro underground truck and complete the narrow vein products ranges.

2019

DERUI facility moved to a new district in Weifang city. Partnership with SITON.



DERUI Underground Load Haul Dump (LHD) Loaders

The DERUI LHD product series convinces with latest technology, which offers our customers more in productivity, safety and profitability.

- DERUI diesel-powered LHD loaders are all equipped with efficient, lowemission diesel engines. They also come in electric versions, emitting no exhaust fumes, thereby offering an improved working environment and less ventilation costs for the tunnelers.

- The DERUI LHDs have an excellent payload-to-weight ratio. The LHD's low center of gravity ensures excellent machine balance.

- Highest breakout forces and fastest bucket filling times for low production costs per transported ton.

- The LHDs are especially suitable for small tunnels or projects with long tramming distances or steep inclines, but a wide range of choices with side-tipping bucket option are available for tunneling applications.

- The DERUI LHDs are particularly compact with an optimal operator's position. The lateral arrangement of the operator seat guarantees optimal views for forward and backward tramming.

DERUI four-wheel drive, articulated loaders ranging from 1.2 to 10 tons have been engineered with operator safety, productivity and reliability as top priorities. The simple and robust design offers low maintenance and long life with impressive features and options that help drive down operating costs.

Safety

- Robust canopies for certified operator protection
- Spring applied brakes: fail safe system activated on low engine, transmission and hydraulic oil pressure
- Three (3) point mounting and anti-slip steps help design out slips and falls
- Hot component Isolation
- Interlocks and safety systems protect person and machine
- Ground level maintenance

Reliability

- Robust steel frame structures built strong for long life
- Collet style pins for ease of maintenance and increased life between replacement
- Heavy duty mechanical powertrain - proven performance underground
- Hydraulic systems with piston pumps - cooler operation for longer life
- Centralized lubrication gets grease to the right places
- Ease of maintenance helps ensure long life

Productivity

- Heavy-duty all mechanical powertrain featuring Dana components deliver efficient power to the ground and maximize tractive effort
- Robust design helps lead to fewer failures and more up time
- Bucket geometry allow for easy filling
- Ergonomically designed large operators compartment with excellent visibility and easy to operate controls

The suite of DERUI loaders includes models that suit a range of small-to-large openings with additional capacity for heavier materials.

A variety of standard options are available for a custom solution:

- Bucket volumes matched to material density
- Ejector bucket
- Quick attach systems for forks or other attachments is optional
- Volvo, Deutz or Cummins engine options
- Enclosed operator's compartment with air conditioning
- Automatic lubrication system
- Manual or automatic fire suppression systems
- Remote control system

DRWJ-0.6

Tramming Capacity (Rated load capacity)	1.2 Ton
Standard Bucket Volume	0.6 m ³
Approximate weight	5,050KG
Dimensions (L x W x H)	5,050*1,150*1,890mm
Engine power	58-66KW



DRWJ-1

Tramming Capacity (Rated load capacity)	2 Ton
Standard Bucket Volume	1.0 m ³
Approximate weight	7,150KG
Dimensions (L x W x H)	5,880-6,050*1,380*2,000mm
Engine power	58-66KW



DRWJ-1.5

Tramming Capacity (Rated load capacity)	3.3Ton
Standard Bucket Volume	1.5 m ³
Approximate weight	10,300KG
Dimensions (L x W x H)	6,880*1,500*2,050mm
Engine power	84-112KW



DRWJ-2G

Tramming Capacity (Rated load capacity)	4Ton
Standard Bucket Volume	2.0 m ³
Approximate weight	12,500KG
Dimensions (L x W x H)	7,309*1,810*2,050mm
Engine power	84-115KW



DRWJ-3

Tramming Capacity (Rated load capacity)	6.5Ton
Standard Bucket Volume	3.0 m ³
Approximate weight	19,200KG
Dimensions (L x W x H)	9,200x2,355x2,255mm
Engine power	160KW



DRWJ-4

Tramming Capacity (Rated load capacity)	10Ton
Standard Bucket Volume	4.0 m ³
Approximate weight	27,500KG
Dimensions (L x W x H)	9,642x2,613x2,383mm
Engine power	235KW



DERUI dump trucks are the ideal solution for comfortable, safe and economical transport in underground hard rock mining over long distances with extreme gradients.

- With the DERUI Dump Trucks, short cycle times are ensured by the powerful drive and the high manoeuvrability.

- The robust and compact design of the DERUI dump trucks provides high reliability and a long service life.

- For special applications and greater flexibility, our customers can choose from additional versions such as ejector wall or interchangeable frames or concrete mixers for tunnelling work.

- Safety, ease of operation and maintenance are always the focus at Paus in order to deliver high productivity. contributes to a safe work environment is its outstanding visibility to the work area. There is an excellent field of vision around the front of the truck, and rearview mirrors and a rear facing camera allow the operator to see what's happening to the sides and to the back of their work space.

DERUI Underground Dump Trucks

DERUI four-wheel-drive trucks, ranging from 6 to 30 tons, have been designed with operator safety, productivity and reliability as top priorities. The simple and rugged design provides for ease of use and maintenance with impressive features and options that help to drive down operating costs. DERUI trucks are powerful, quick and nimble. It is extremely productive in compact mining conditions on less than ideal haul roads. It can also be uniquely configured for your mine with different cab and body options (including an ejector body)

Safety

- Robust Canopies and Cabins for certified operator protection
- Spring applied brakes - Fail safe system activated on low hydraulic oil pressure or electrical failure
- Three point mounting and anti-slip foot steps help prevent slips and falls
- Hot component isolation
- Interlocks and safety systems protect person and machine
- Ground level maintenance

Reliability

- Rugged steel frame structures built strong for long life
- Collet style pins for ease of maintenance and longevity
- Heavy-duty mechanical power train - proven performance underground
- Hydraulic systems with piston pumps - cooler operation, longer life
- Centralized lubrication gets grease to the right places
- Ease of maintenance helps ensure long life

Productivity

- Heavy-duty all mechanical power train featuring Dana components deliver efficient power to the ground and maximize tractive effort
- Robust design means fewer failures and more uptime
- Ergonomically designed large operator's compartment with excellent visibility and easy to operate controls
- The operator controls on the AD22 are both simple to learn, provide important machine information to the operator, and have ergonomically designed controls to help with operator comfort.

DERUI haulage trucks include models to suit a range of small to large openings with additional capacity for heavier materials. A variety of options are available for a custom solution:

- Various dump box volumes
- Volvo, Deutz or Cummins engine options
- Automatic lubrication system
- Manual or automatic fire suppression systems
- Rear view camera

DRUK-6/6.8

Rated load capacity:	6Ton/6.8Ton
Standard dump box volume:	2.8-3.3m ³
Approximate weight:	8,200/8,600 KG
Dimensions (L x W x H):	6,090x1,500 / 1,600 x 1,850-2,000mm
Engine power	66 -115KW



DRUK-8

Rated load capacity:	8Ton
Standard dump box volume:	
Approximate weight	9,500KG
Dimensions (L x W x H)	6,540*1,600-1,800*2,000mm
Engine power	66 -115KW



DRUK-10/12

Rated load capacity:	10Ton/12Ton
Standard Bucket Volume	1.5 m ³
Approximate weight:	14,100/14,900 KG
Dimensions (L x W x H)	7,510*1,800-1,980*2,300mm
Engine power	115 -136KW



DRUK-15/16

Rated load capacity:	15Ton/16Ton
Standard dump box volume:	7.5 /8.0m ³
Approximate weight	16,500/17,300 KG
Dimensions (L x W x H)	8,500x2,240x2,300mm
Engine power	160KW



DRUK-20

Rated load capacity:	20Ton
Standard dump box volume:	10.0 m ³
Approximate weight	19,600 KG
Dimensions (L x W x H)	9,080x2,280x2,450mm
Engine power	235 KW



DRUK-30

Rated load capacity:	30Ton
Standard dump box volume:	15.0 m ³
Approximate weight	31,000 KG
Dimensions (L x W x H)	9,920x2,800x2,560mm
Engine power	315KW



- Underground drilling rigs are our specialty, but we can also offer complex solutions for mining including production drilling rigs.

- Our products and equipment were originally designed for the mine: they are robust, without unnecessary sophistications, easy to use and maintenance.

- A team of engineers, technicians, hydraulic engineers and fitters provide design, development, assembly and start-up equipment on site in the world.

- Our goal is to manufacture equipment for underground mining that increases safety and production through engineering innovation, quality control, experienced service.

SITON Underground Drill Rigs (Jumbos)

DERUI is official strategic business partner of SITON (JIANGXI SITON MACHINERY MANUFACTURING CO.,LTD)

Full hydraulic underground face drill rigs (jumbos) are built for blast hole drilling in underground metal ore mines and tunneling construction. Mining drilling rigs from SITON Company are offered in a wide range of variants, designed to work in various condition. These jumbo drill rigs can be equipped with up to three booms. It is full hydraulic driving powered by electricity and diesel travel available for some models. The hydraulic parallel holding can make sure the hole depth and space between, and improve the blasting efficiency. Telescopic boom can make up of the angle when drilling the hole of bottom, thus no blind angle left.

SITON constantly design, develop, manufacture and provide incidental services for mining equipments.

Safety

- Wet multi-disc service brakes
- A powerful hydrostatic tramming system to drive at 14 degrees angle
- Hydraulic joystick steering with full proportional control. Shock protection is provided.
- Hydraulic steering ensures low operation costs and high performance
- FOPS - approved operators canopy
- Excellent visibility, logical control layout, and LED working lights & tramming lights ensure improved productivity and safe operation
- Optional monitor (cameras) to increase operator's visibility during operation

Reliability

- Robust steel frame structures built strong for long life
- The operator cab is ergonomically designed to provide unparalleled control, comfort and visibility
- All hydraulic, infinitely variable, rock responsive drill hydraulic system allows the machine to be matched to your drilling requirements.
- All drill system valves are leak free replaceable cartridges in manifolds and are in readily accessible cabinets.
- Complete machine design and component location to maximize serviceability
- Engine compartment covers are hinged and are easily opened for improved maintenance access
- Dedicated automated main articulation lock for extra stability during drilling operations

Productivity

- All drill system valves are leak free replaceable cartridges in manifolds and are in readily accessible cabinets.
- Carries all fuel and pelletizing water necessary to operate a full 10 hour shift without service
- Latest concept heavy duty alloy profile feeder with stainless steel guide surfaces. Designed to improve performance and reduce operation costs.
- Articulated carrier with four-wheel drive - excellent grade ability and fast tramming; Four jacks for stable set up
- Direct controlled drilling system with anti-jamming, collaring, feed control to optimize the drilling parameters
- 360 degrees roll-over in both planes for safety replacement of drill bit from the operator's compartment
- Option of self lubrication systems

Product Feature

- EPIROC or MONTABERT hydraulic drifter
- HELAC rotary Actuator
- SAUER- DANFOSS hydraulic parts
- Double tripod suspension hydraulic boom
- wheel type or Crawler type of travelling system,

DW1-24

Applied tunnel W*H	2.2*2.2~5.5*4.4 m
Hole diameter	36-89 mm
Hole depth	2,795/3,405 mm
Dimensions (L x W x H)	9,542*1,200*1,850/2,750mm
Drilling speed	0.8-2 m/min

DW1-31

Applied tunnel W*H	3.5*3.5~6.5*6.25 m
Hole diameter	36-76 mm
Hole depth	2,795/3,405/4,015 mm
Dimensions (L x W x H)	11,295*1,750*2,800/2,100mm
Drilling speed	0.8-2 m/min

DW1-90

Applied tunnel W*H	11.47*8.5 m
Hole diameter	38-102 mm
Hole depth	3,405/4,000/4,610 mm
Dimensions (L x W x H)	17,000*2,250*2,310/3,010mm
Drilling speed	0.8-2 m/min

DW2-50

Applied tunnel W*H	8.87*6 m
Hole diameter	38-102 mm
Hole depth	3,405/4,000/4,610/5,214 mm
Dimensions (L x W x H)	12,440*1,990*2,960/2,260mm
Drilling speed	0.8-2 m/min



DERUI's worldwide customers and after sales service



STRONG BACKUP KEEPS YOUR BUSINESS RUNNING SMOOTHLY



Replacement parts and kits



Service agreements and audits



Reman solutions



Midlife services



Custom engineered solutions



Training products

