



**EQUIPMENT FOR  
UNDERGROUND MINING**



# ***Qixia Dali Mining Machinery Co., LTD.***



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## BRIEF INTRODUCTION

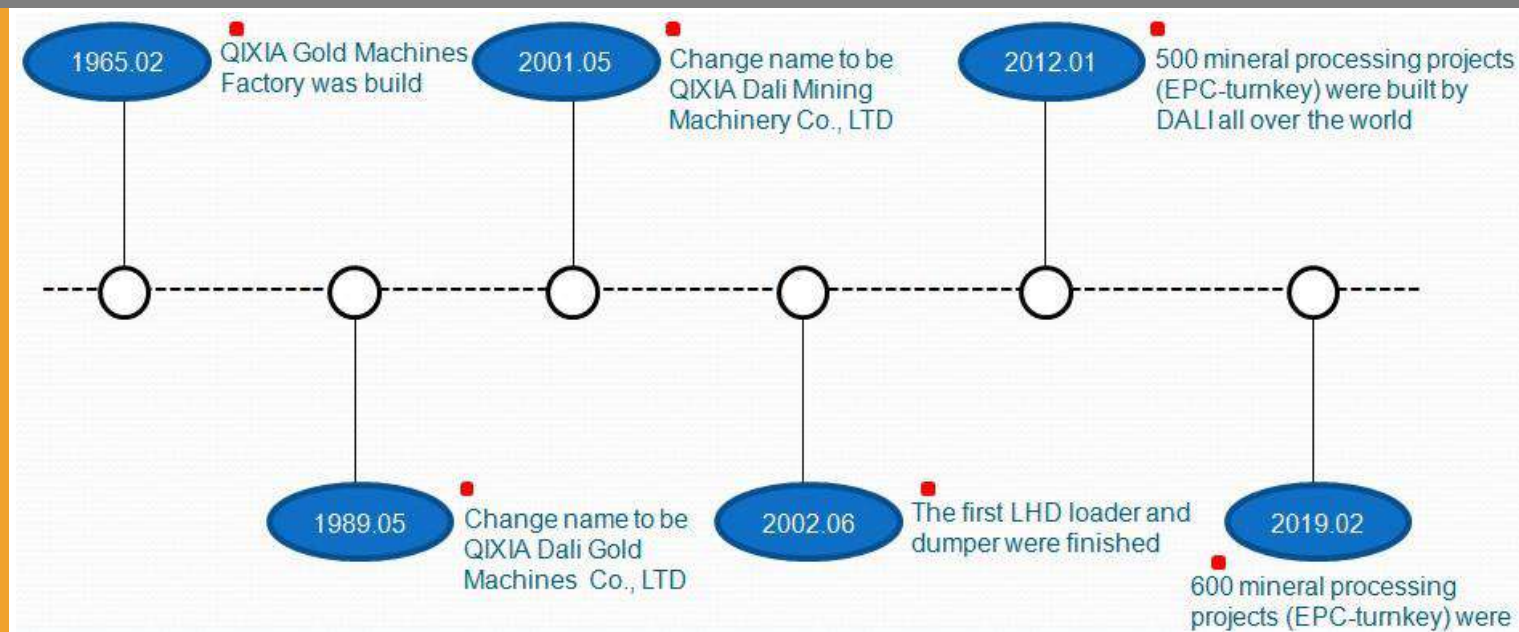


*Qixia Dali Mining Machinery Co., Ltd is located in Yantai City of China. We mainly engaged in the design, production, installation and training of underground mine equipments and mineral processing machines.*

*For underground mining, we have jumbo, LHD loader, LPDT underground truck, locomotive and utility vehicles. With 20 years development, we have built our market well with advanced technology and service.*

*For mineral processing, we provide EPCM services for mines such as gold, silver, copper, iron, zinc, lead, nickel, graphite, feldspar, etc. we have built more than 600 EPC projects all over the world since our establishment.*

## COMPANY HISTORY



## OUR MISSION & VISION



*Be committed to providing innovative services to help our mining customers and create value to enterprise business continuously.*

*We provide consultation, engineering, machines' production and post-sales service to help mines achieve green and sustainable operations.*

**QIXIA DALI MINING MACHINERY CO.,. LTD.**

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## Drilling Rig



### **High Efficiency**

*DALI rock drill with the advantages of low voltage, mass flow and high frequency ensures efficient drilling.*

### **Low Operating Cost**

*Advanced drilling control system ensures drilling quality. Load sensing hydraulic system, variable air compressor management system with great wind volume and variable engine greatly reduce fuel consumption.*

### **Safety & Environment Protection**

*The design concept of "SAFETY FIRST" and "ENVIRONMENT PROTECTION" ensures the construction of green mines.*

## Tunnel Drilling Jumbo



### **Power & Transmission**

*We use Germany DEUTZ engine, transmission is hydrostatic while the axle is DANA brand, which ensure the good performance of power and transmission.*

### **Section Optional**

*We have different model for variable tunnel section, from 15m<sup>2</sup> to 40m<sup>2</sup>, also we have single boom, double boom and three boom jumbo.*

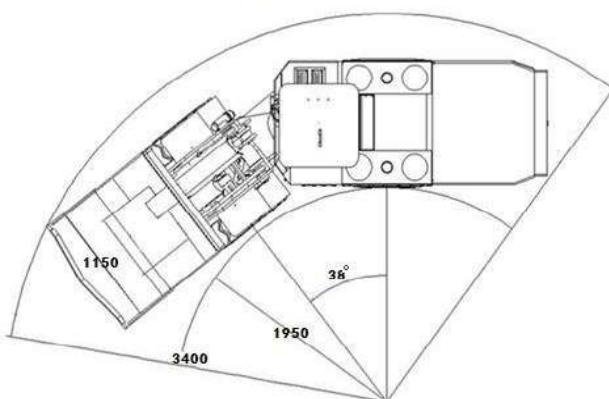
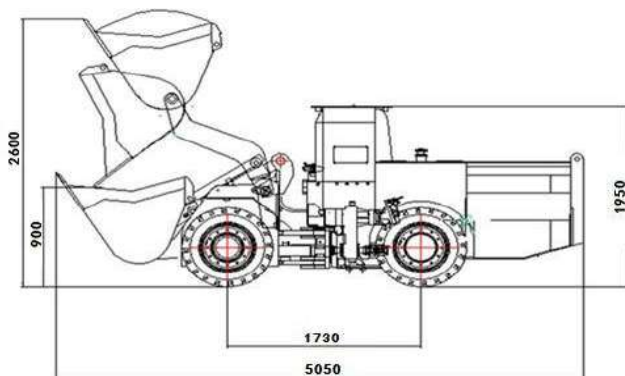
*The client can choose rail type, crawler type and wheel type.*

**QIXIA DALI MINING MACHINERY CO.,. LTD.**

*Xinbang Rd, Private Economy Park, Qixia, Shandong Province, China*

## LHD Loader

### MODEL WJ-0.6



**Engine:** DEUTZ BF4L2011 65hp DEUTZ BF4L914 89hp

**Transmission:** hydrostatic DANFOSS

**Volume:** 0.6m<sup>3</sup> (0.78 yards)

**Payload:** 1200 kg

DALI WJ-0.6 is a compact and lightweight scooptram for narrow vein mining. Best-in-class payload-to-weight ratio. Offers reduced dilution, increased flexibility, and operator safety when works in narrow vein operations. The loader is easy to operate and maintain, and features an operator's cab located on the rear frame of the machine to ensure increased operator safety. The WJ-0.6 is packed with features to help mines maximize the ton and minimize mining costs. It has been designed to optimize the width, length and turning radius of the machine, allowing operation in narrower tunnels for less dilution and lower operating costs.

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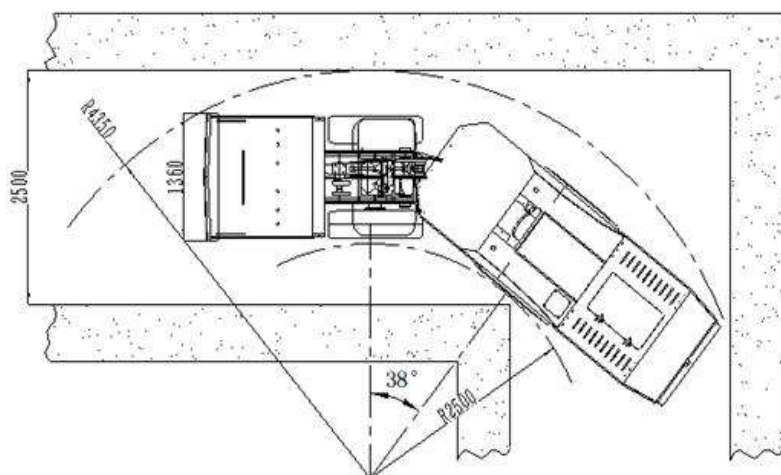
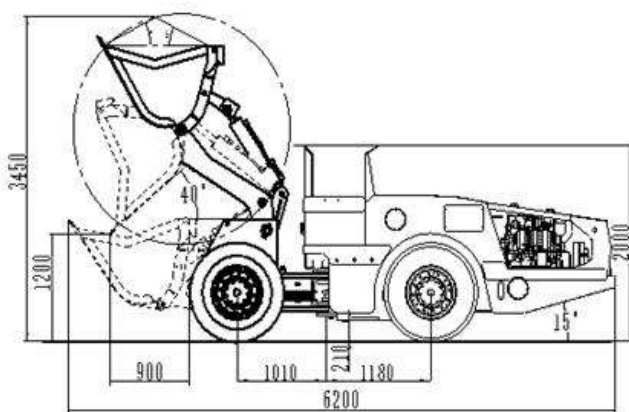
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## MODEL WJ-1



**Engine:** DEUTZ D914L04 58kw

**Transmission:** DANFOSS hydrostatic

**Volume:** 1m<sup>3</sup> (1.3 ~ 1.5 yards)

**Payload:** 2000kg

*The WJ-1 is a compact and lightweight cargo tipper (LHD) for narrow mining, easy to operate and maintain, and features an operator compartment located on the rear frame of the machine to ensure increased safety of the machine. operator. The WJ-1 is packed with features to help mines maximize the ton and minimize mining costs. It has been designed to optimize the width, length and turning radius of the machine, allowing operation in narrower tunnels for less dilution and lower operating costs.*

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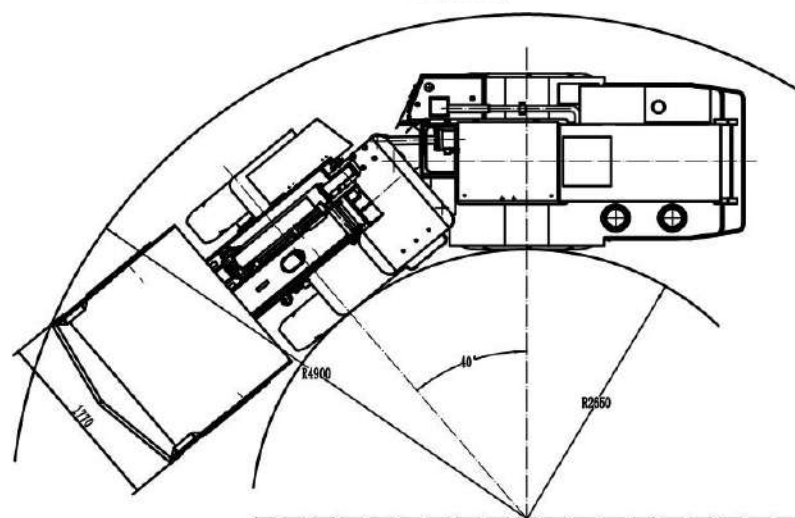
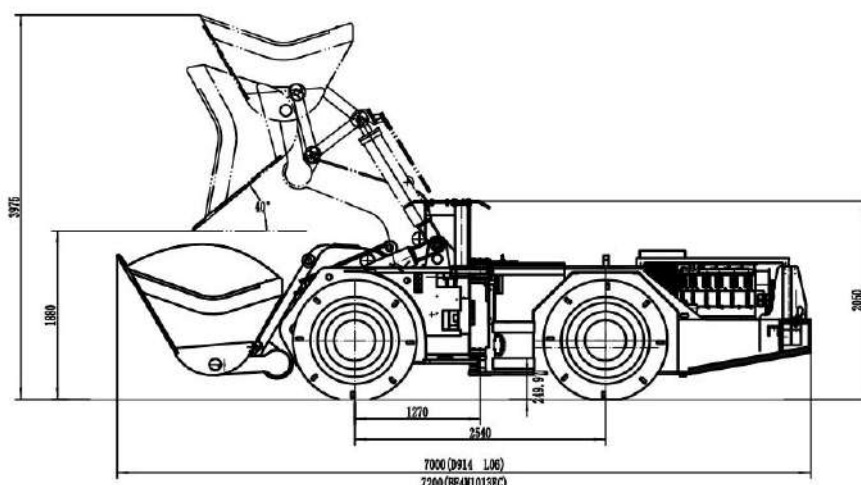
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## MODEL WJ-2



**Engine:** DEUTZ BF4M1013EC / 156hp

DEUTZ F6L914 / 114hp

**Converter:** DANA C270

**Transmission:** DANA RT32000

**Axle:** METORIOR / DANA

**Purifier:** POC + DOC

**Volume:** 2m<sup>3</sup> 2.6 yards

**Payload:** 4000kg

**Tire:** 12.00-24 PR16 L-4S

**Maximum breakout force:** 85KN

**Maximum traction:** 104KN

**Climbing Ability (Laden):** 25%

**Axle oscillation angle:**  $\pm 8^{\circ}$

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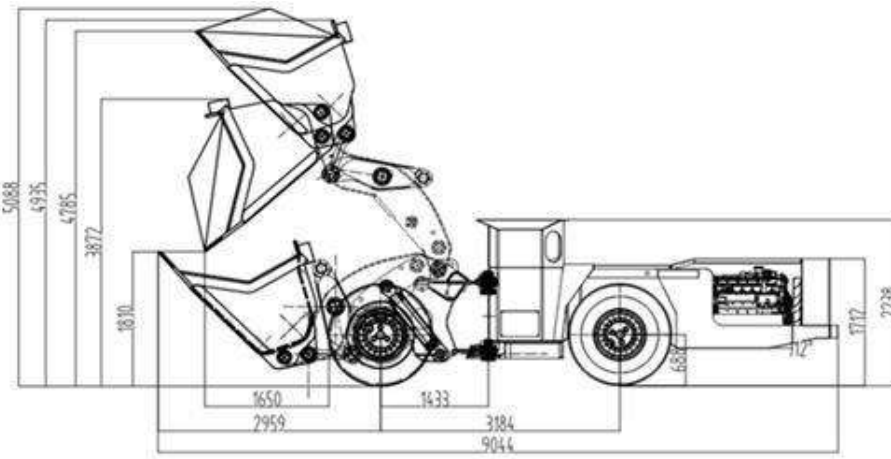
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## MODEL WJ-3



**Engine:** DEUTZ BF6M1013EC / 165kw

TCD6.1L6 165kw

**Converter:** DANA C273

**Transmission:** DANA RT32360

**Axle:** DANA 16D

**Purifier:** DOC + POC Machine

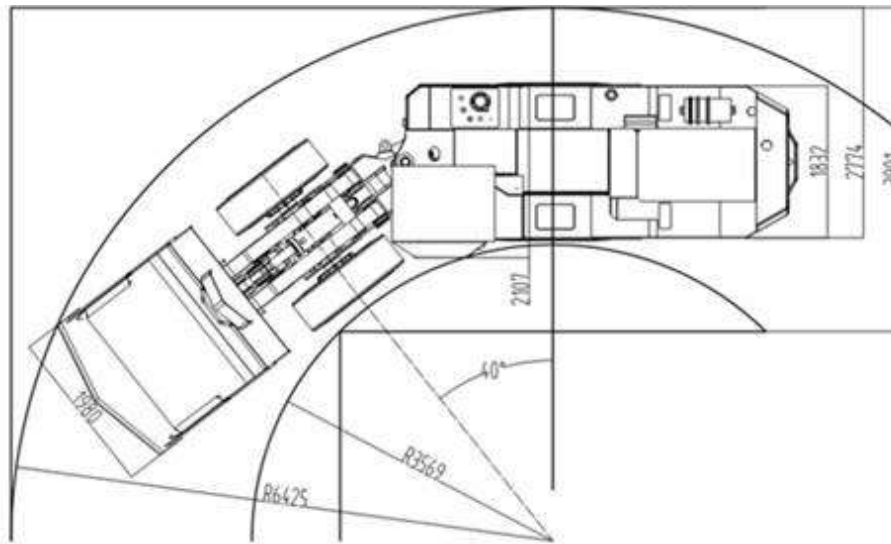
**weight:** 17200 kg

**Volume:** 3m<sup>3</sup> (4 yards)

**Payload:** 7000 kg

**Optional:**

1. ANSUL fire suppression system
2. Reverse impact system
3. Air conditioning
4. Automatic lubrication system



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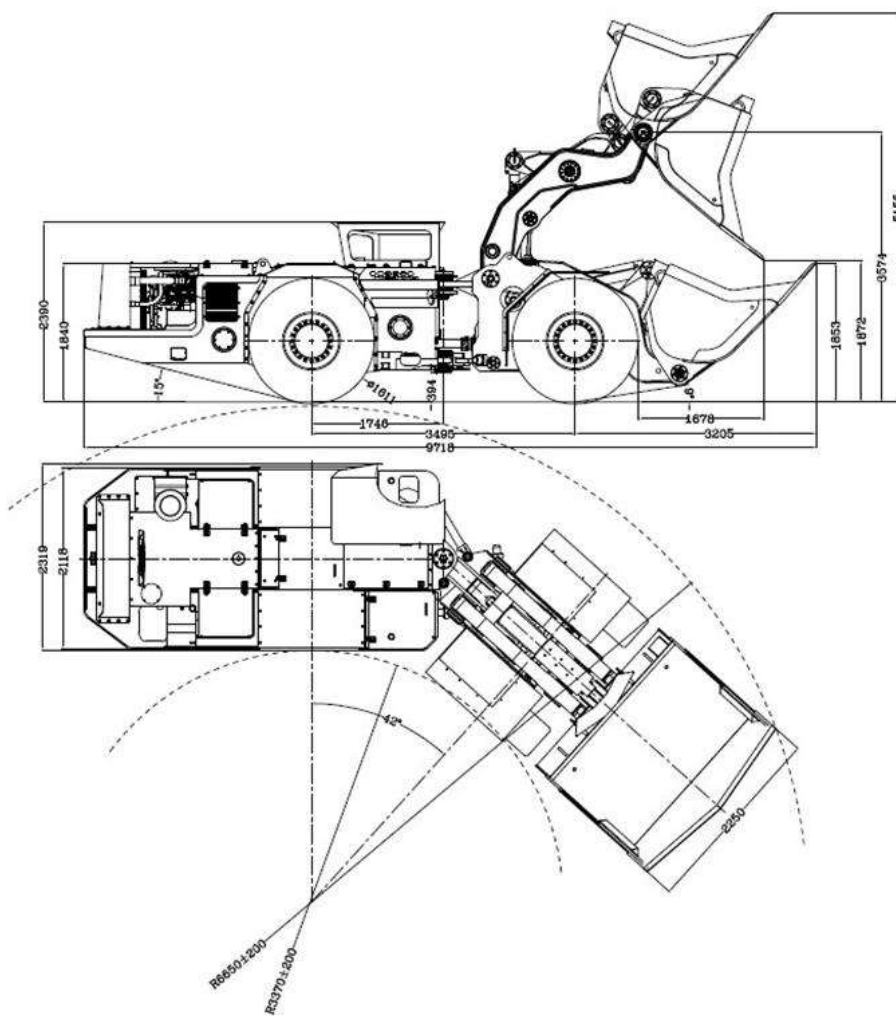
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## MODEL WJ-4



**Engine:** CUMMINS QSL9 224kw

**Converter:** DANA C5000

**Transmission:** DANA RT36000

**Axle:** DANA 19D(Kessler D102)

**Purifier:** DOC + POC

**Machine weight:** 26000 kg

**Volume:** 4m<sup>3</sup> (5 yards)

**Payload:** 10000 kg

**Optional:**

1. ANSUL fire suppression system
2. Reverse impact system
3. Air conditioning
4. Automatic lubrication system

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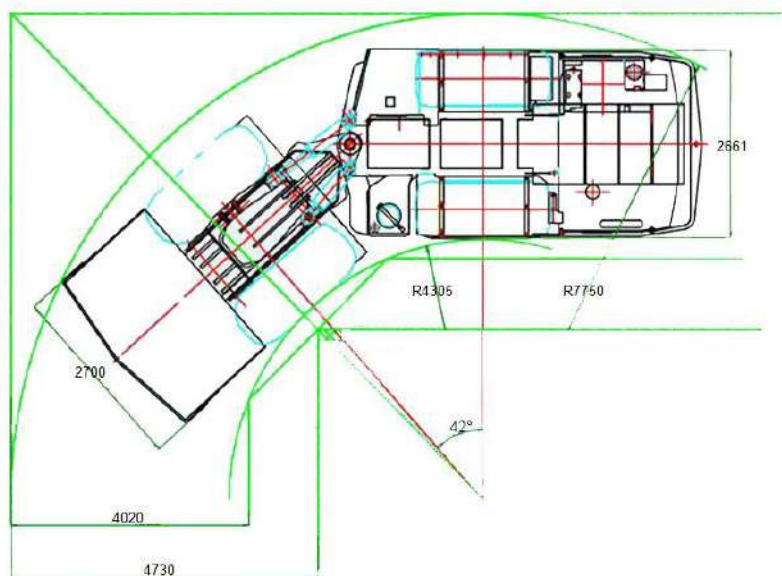
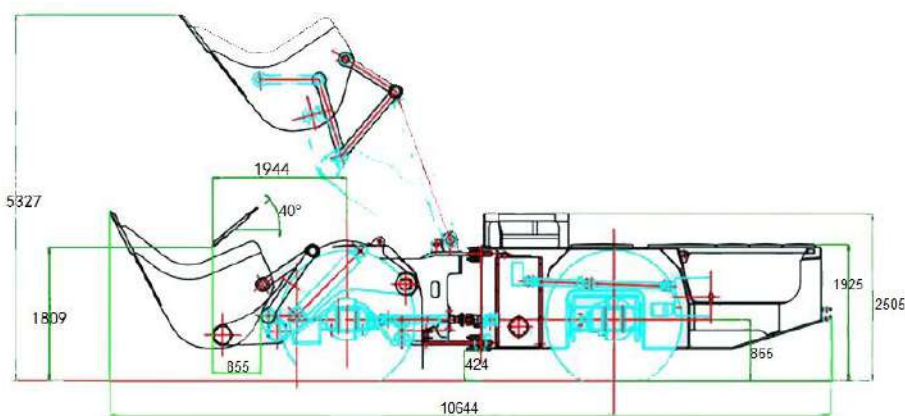
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## MODEL WJ-6



**Engine:** VOLVO TAD1350VE 256kw

**Converter:** DANA C8000

**Transmission:** DANA 6000

**Axle:** DANA 53R(Kessler D106)

**Purifier:** DOC + POC

**Machine weight:** 35000 kg

**Volume:** 6m<sup>3</sup>

**Payload:** 14000 kg

**Optional:**

1. ANSUL fire suppression system
2. Reverse impact system
3. Air conditioning

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## Electric LHD Loader

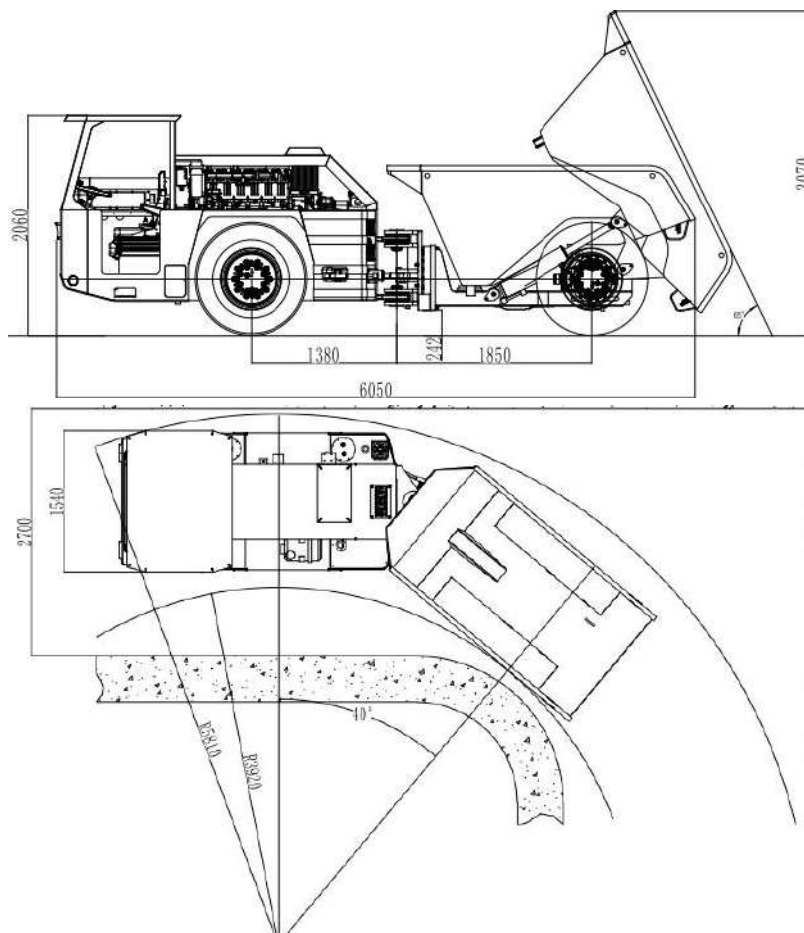


## Battery LHD Loader



## Underground Truck

### MODEL UK-6 / 5~8 TON



**Engine:** DEUTZ F6L914 / 89hp

CUMMINS QSB4.5 160hp

**Transmission:** DANA 1201FT20321

**Axle:** METORIOR

**Purifier:** POC + DOC

**Machine weight:** 7250 kg

**Volume:** 2.5-4m<sup>3</sup>

**Payload:** 5000-8000kg

Ergonomic canopy with ROPS / FOPS  
certificate.

Combined design of parking brake, working  
brake and emergency brake.

Automatic alarm system for oil temperature,  
oil pressure and electrical system.

Catalytic purifier with silencer, which  
reduces largely air and noise pollution.

Application Working temperature -15 °C ~ +  
45 °C

Working altitude ≤5000m

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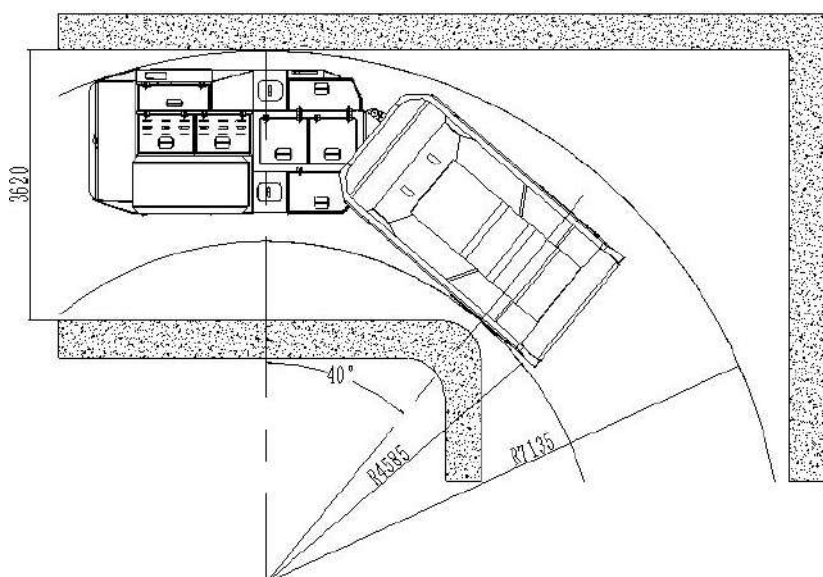
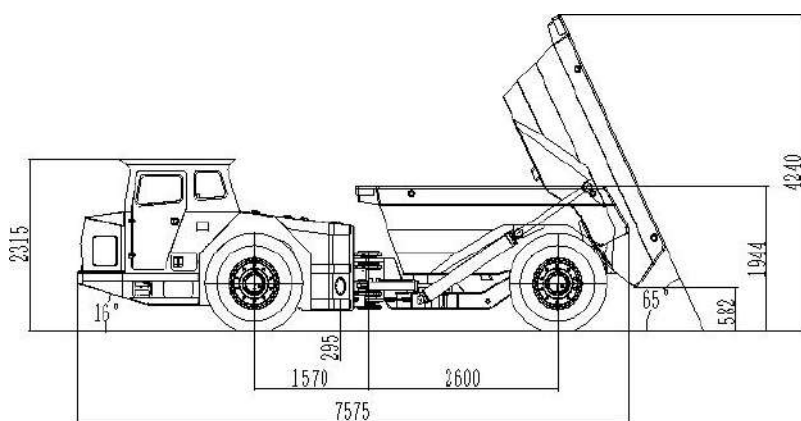
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## MODEL UK-12 / 10~12 TON



**Engine:** DEUTZ F6L914 / 89hp

CUMMINS QSB4.5 160hp

**Transmission:** DANA 1201FT20321

**Axle:** METORIOR

**Purifier:** POC + DOC

**Machine weight:** 7250 kg

**Volume:** 2.5-4m<sup>3</sup>

**Payload:** 5000-8000kg

Ergonomic canopy with ROPS / FOPS certificate.

Combined design of parking brake, working brake and emergency brake.

Automatic alarm system for oil temperature, oil pressure and electrical system.

Catalytic purifier with silencer, which reduces largely air and noise pollution.

Application Working temperature -15 °C ~ + 45 °C

Working altitude ≤5000m

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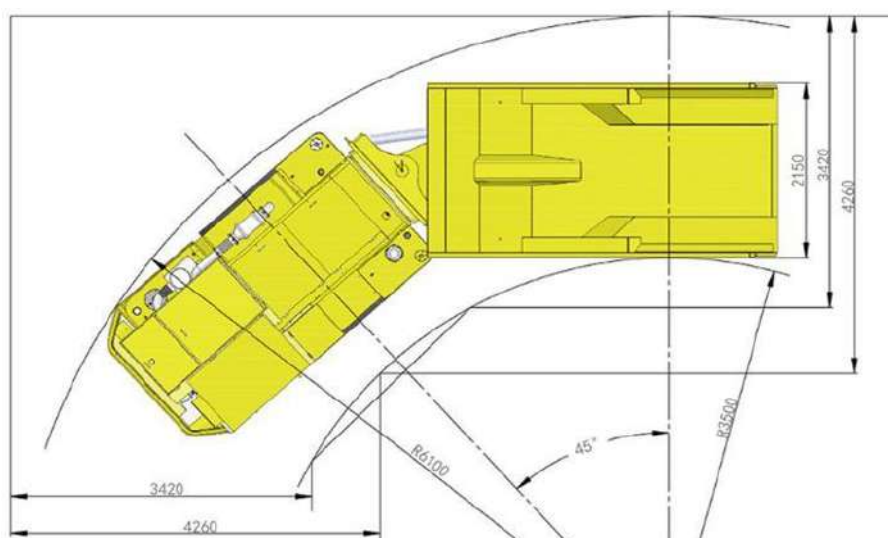
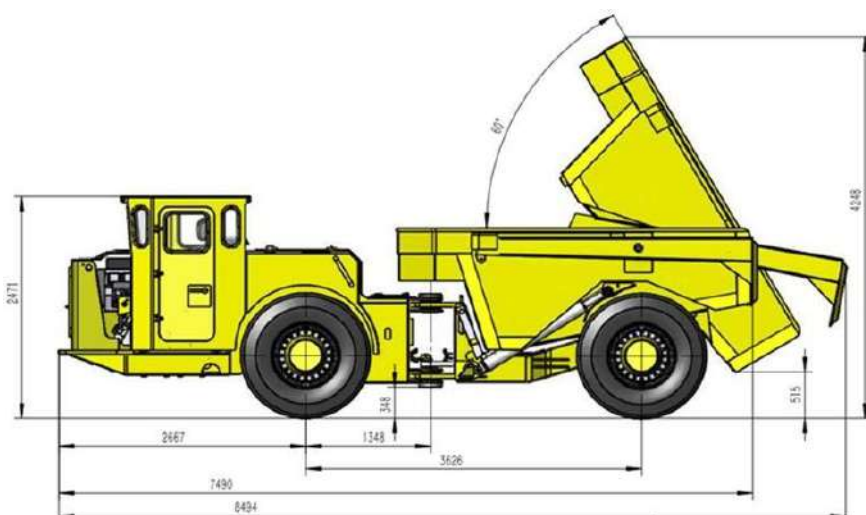
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## MODEL UK-15 / 15 TON



**Engine:** DEUTZ BF6M1013EC / 224hp

CUMMINS QSB6.7 217hp

VOLVO TAD850

**Converter:** DANA C273

**Transmission:** DANA RT32000

**Axle:** DANA 16D

**Purifier:** POC + DOC

**Machine Weight:** 17000kg

**Volume:** 7.5m<sup>3</sup>

**Payload:** 15 ~ 17 Ton.

Ergonomics ROPS / FOPS certified hood..

Cabin fully enclosed.

The parking brake, work brake and emergency brake combination design has good braking performance..

Full hydraulic steering system, easy and flexible operation. Hydraulic pilot control to reduce driver work intensity.

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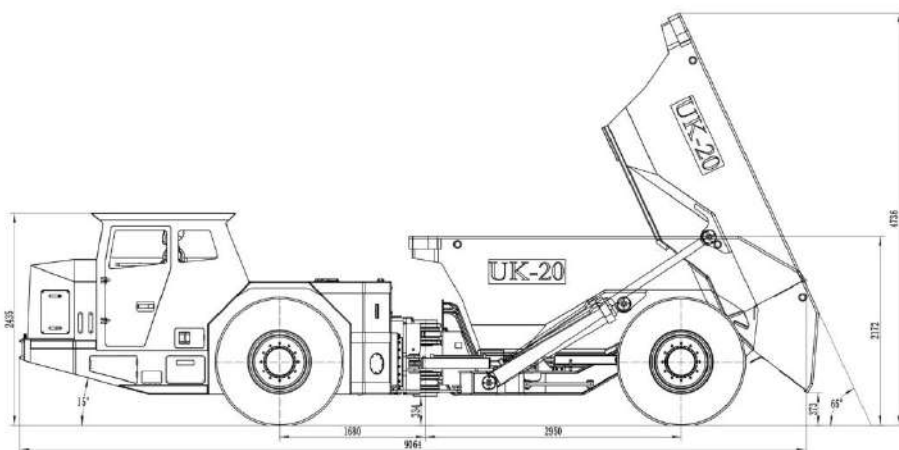
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## MODEL UK-20 / 20 TON



**Engine:** VOLVO TAD853VE 320hp  
DEUTZ BF6M1013FC 303hp  
CUMMINS QSL9 304hp

**Converter:** DANA C5400

**Transmission:** DANA R36000

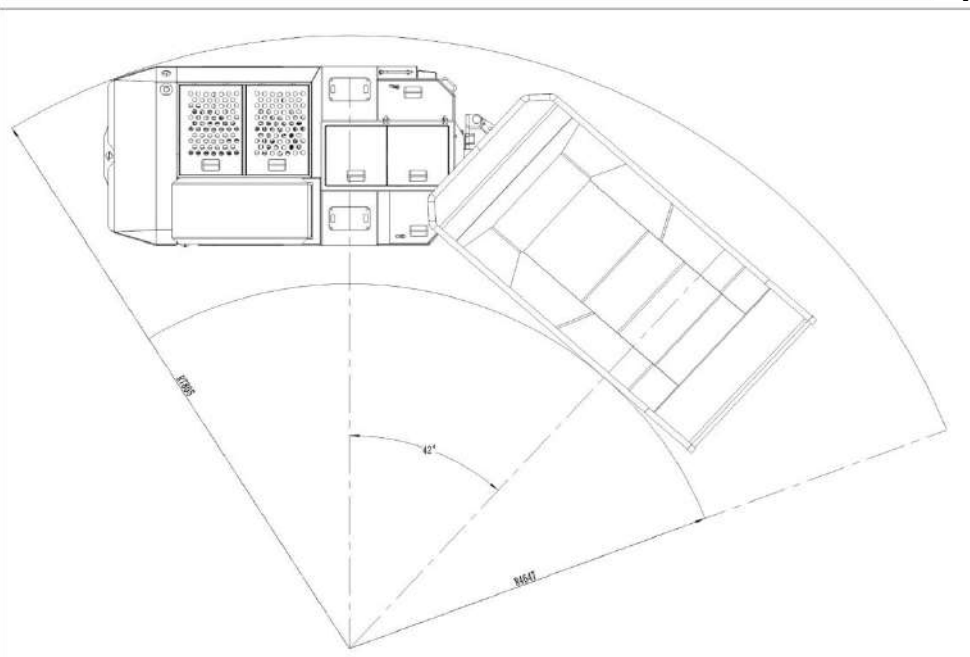
**Axle:** KESSLER D81

**Purifier:** POC + DOC

**Machine Weight:** 22500kg

**Volume:** 10m<sup>3</sup>

**Payload:** 20 Ton



UK-20 is a medium-scale underground mine dumper. Best-in-class payload-to-weight ratio. Offers greater flexibility and safety to the operator when working in operations. The UK-20 is easy to operate and maintain, packed with features to help mines maximize tonnes and minimize costs.

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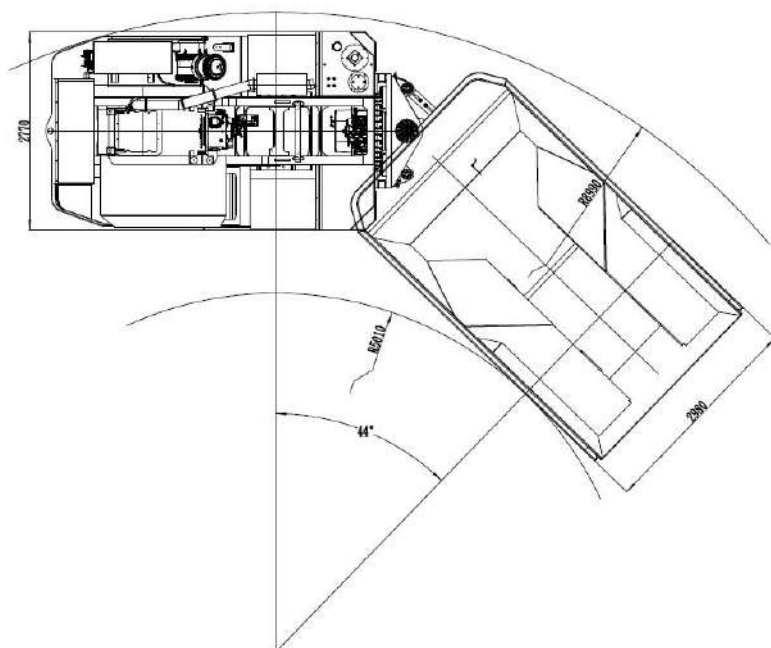
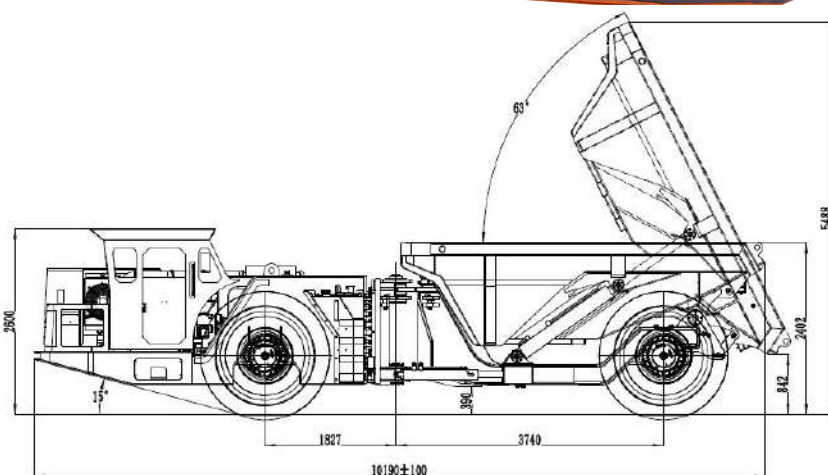
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## MODEL UK-30 / 30 TON



**Engine:** VOLVO TAD1352VE 315kw

**Converter:** DANA C5400

**Transmission:** DANA CL8000 & 6000

**Axle:** KESSLER D102(DANA 20D)

**Purifier:** POC + DOC

**Machine Weight:** 30500kg

**Volume:** 15m<sup>3</sup>

**Payload:** 30 Ton

*UK-30 is a medium to big-scale*

*underground mine dumper. Best-in-class payload-to-weight ratio. Offers greater flexibility and safety to the operator when working in operations. The UK-30 is easy to operate and maintain, packed with features to help mines maximize tonnes and minimize costs.*

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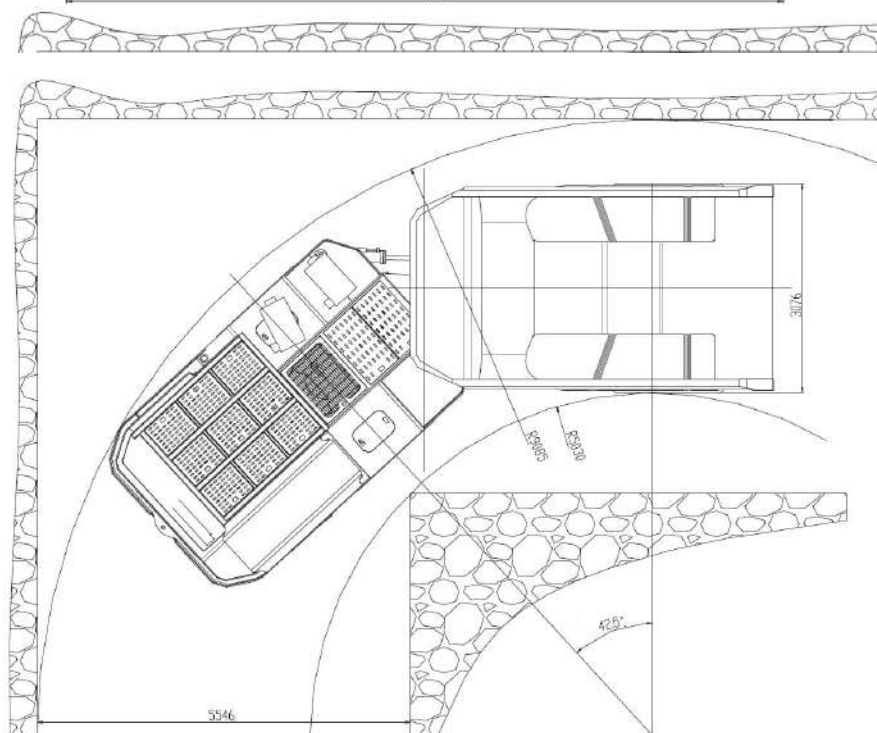
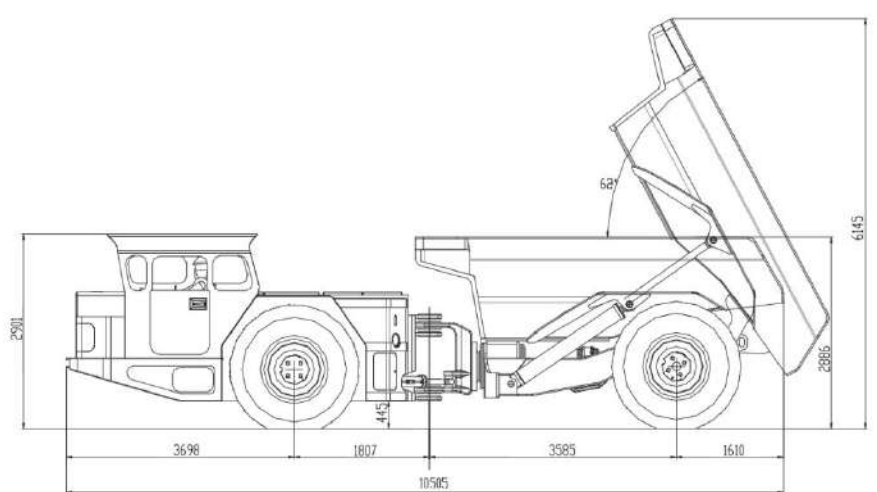
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## MODEL UK-40 / 40 TON



**Engine:** VOLVO TAD1650VE 415kw

**Converter:** DANA C900

**Transmission:** DANA CL8000

**Axle:** KESSLER D106

**Purifier:** POC + DOC

**Machine Weight:** 36000kg

**Volume:** 22m<sup>3</sup>

**Payload:** 45 Ton

*UK-45 is a medium to big-scale*

*underground mine dumper. Best-in-class payload-to-weight ratio. Offers greater flexibility and safety to the operator when working in operations. The UK-45 is easy to operate and maintain, packed with features to help mines maximize tonnes and minimize costs.*

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## Utility Vehicles



**ROCK SPLITTER**



**CONCRETE MIXER**



**SCISSOR LIFT**



**MATERIAL TRANSPORT VEHICLE**



**OIL TANK**



**UNDERGROUND BUS**



**EXPLOSIVE TRUCK**



**EXPLOSIVE LOADER**

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# LOCOMOTIVE



**CTY-1.2-6GB(1.2 TON)**



**CTY-2.5-6GB(2.5 TON)**



**CTY-5-6GB(5 TON)**



**CTY-8-6GB(8 TON)**



**CTY-12-6GB(12 TON)**

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# MINERAL PROCESSING



*We provide EPCM services for non-ferrous mines, ferrous metals, and non-metallic mines. So far, our equipment has been exported to more than 80 countries in the world, serving hundreds of mining projects.*

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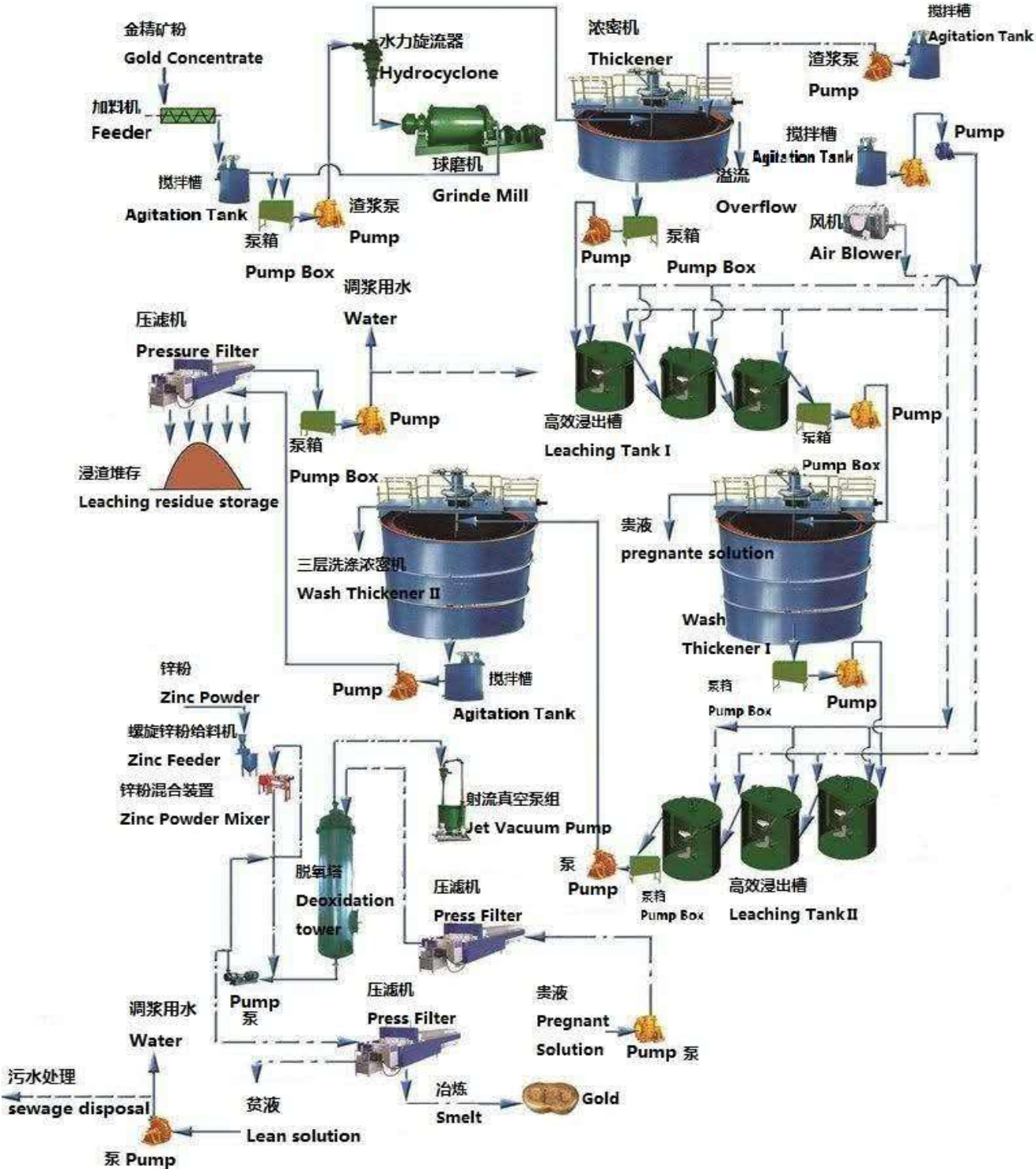
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## FLOW CHART - FLOW SHEETCONCENTRATOR PLANT



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## EQUIPMENT FOR MINING UNDERGROUND

## SALES AND SERVICES

Scooptram, Dumper, Jumbo  
Locomotives, Concentrator plants.

Sale of haulage equipment for underground mining,  
with the support of more than 56 years in the  
international market.

### CIS Market

Сергей +8613105237683 [ext@ytdali.com](mailto:ext@ytdali.com)

### Euro Market

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### Africa Market

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### Asia-Pacific Market

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### America

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