

**WE DEVELOP RUSSIAN
ENGINEERING
INDUSTRY**

AND WE DO IT WELL

PSM is one of the largest engineering manufacturers of power generation and pumping equipment in Russia

PSM is a backbone enterprise of the engineering industry

3

factories

19 years

on the engineering market

500

team members

\$ 75 million

annual turnover in 2024
[at the exchange rate in April 2024]

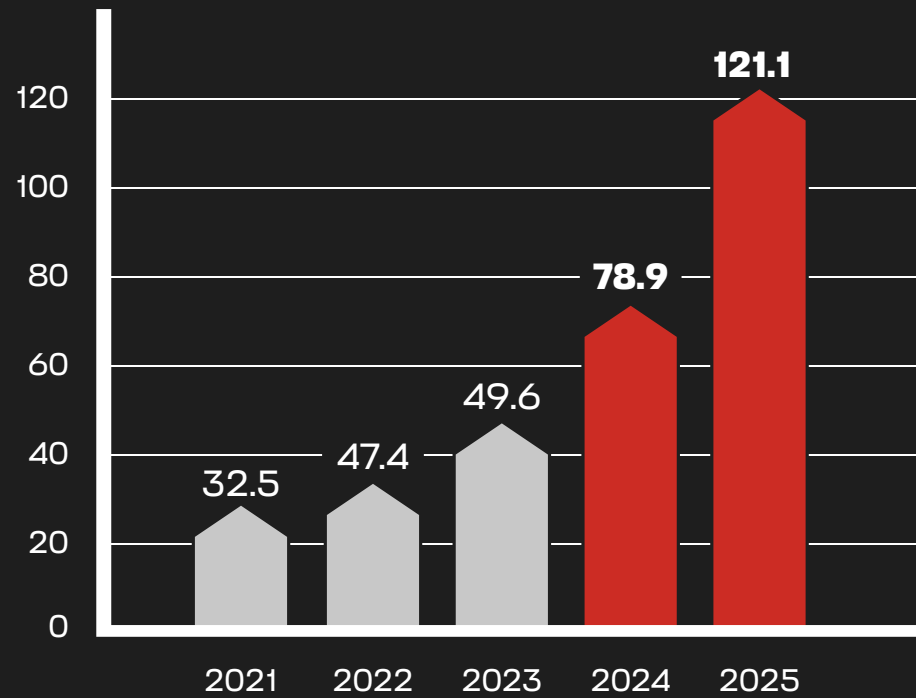


Watch a video about PSM

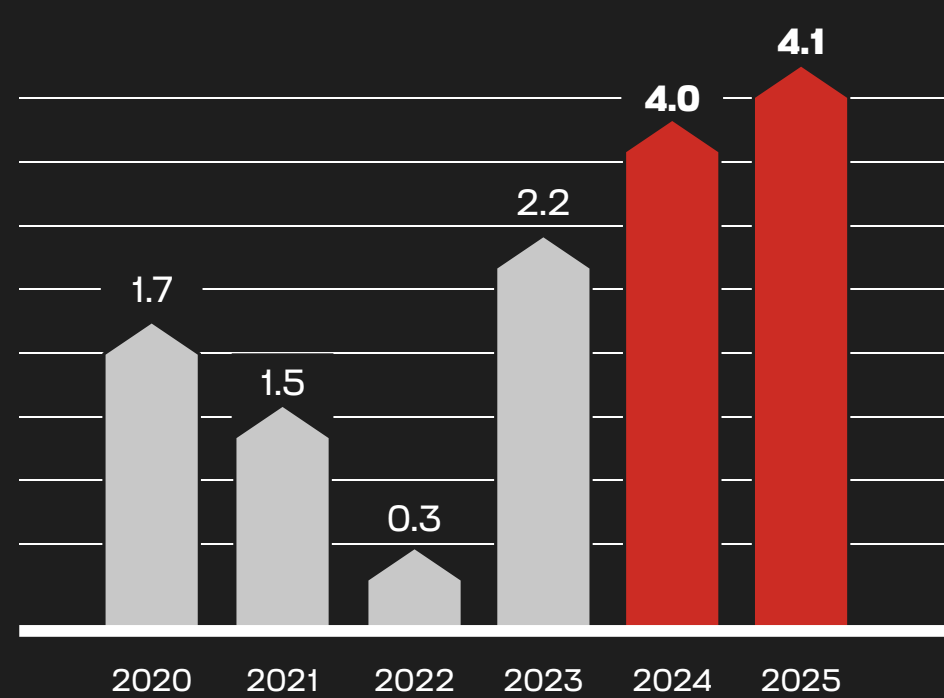
We invest in development*

*At the corresponding year exchange rate

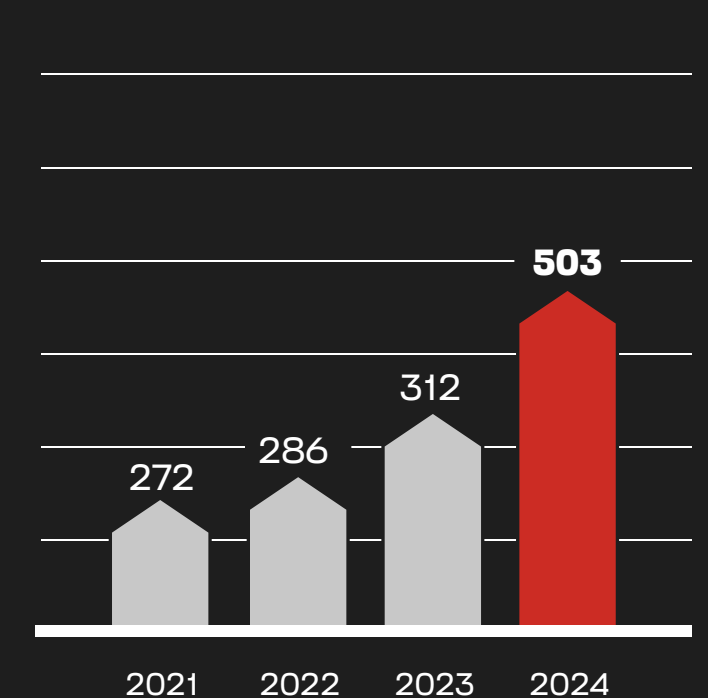
Company revenue, million \$



Investments in production sites, million \$



Number of personnel, persons



Total investment
for 2020-2025 – **\$13.8 million**

Production capacity



PSM Krasnyi Bor

Area: 7,160 m²
Put into operation in 2005

Pumping and electrical equipment



PSM Master

Area: 6,500 m²
Put into operation in 2012

Metal structures



PSM Prime

Area (plan): 11,055 m²
Put into operation in 2021

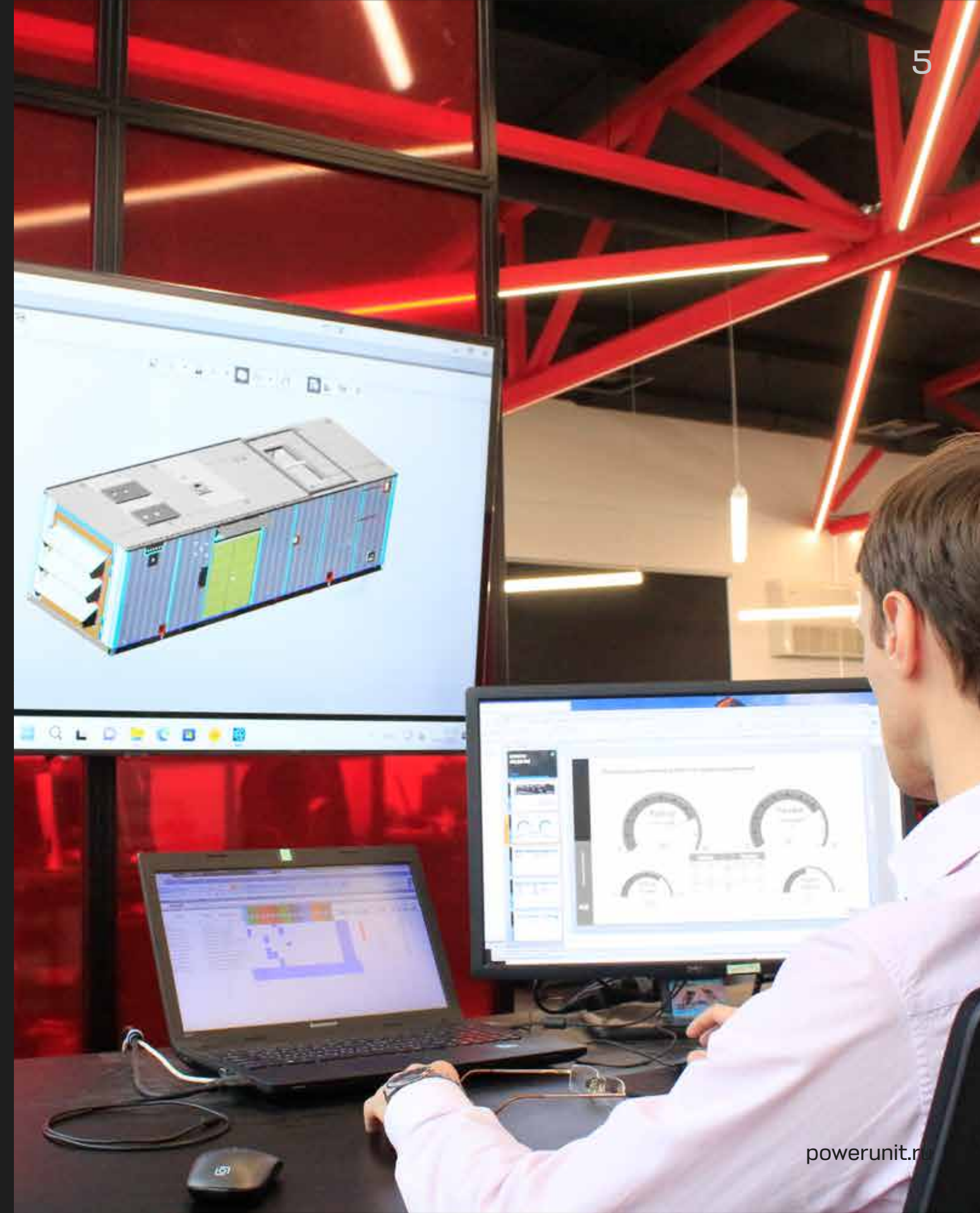
Prime 1 Building (from 2021): 3,765 m²
Prime 2 Building (third quarter of 2024): 2,700 m²
Prime 3 Building (third quarter of 2025): 4,590 m²

Diesel and gas power plants (500-3,000 kW)

Engineering Center

A team of 40 design engineers. Design of any complexity according to individual requirements. Technical support at all stages of the project

- Calculation of heat and electrical power
- Metal structure durability check
- 3D modeling
- Wiring diagrams design
- Fuel supply planning
- Fire suppression and alarm systems design
- Development of monitoring, remote control and dispatching systems



Power equipment



Diesel gensets



Gas gensets



Power drives



Load units

Integrated power supply



Complete transformer substations



Uninterruptible power supply



Power modules



Fuel storage tanks

Solutions that really work

EPC contract. Turnkey projects stages

- 1 Energy audit
- 2 Design
- 3 Agreement
- 4 Production
- 5 Construction
- 6 Commissioning supervision
- 7 Supervisory control
- 8 Service



5,4 MW gas power plants
for the industrial park «Rodniki»
in the Ivanovo Region (Russia).
Execution period is 15 months

Pumping equipment



Pump units



Portable pressure test units



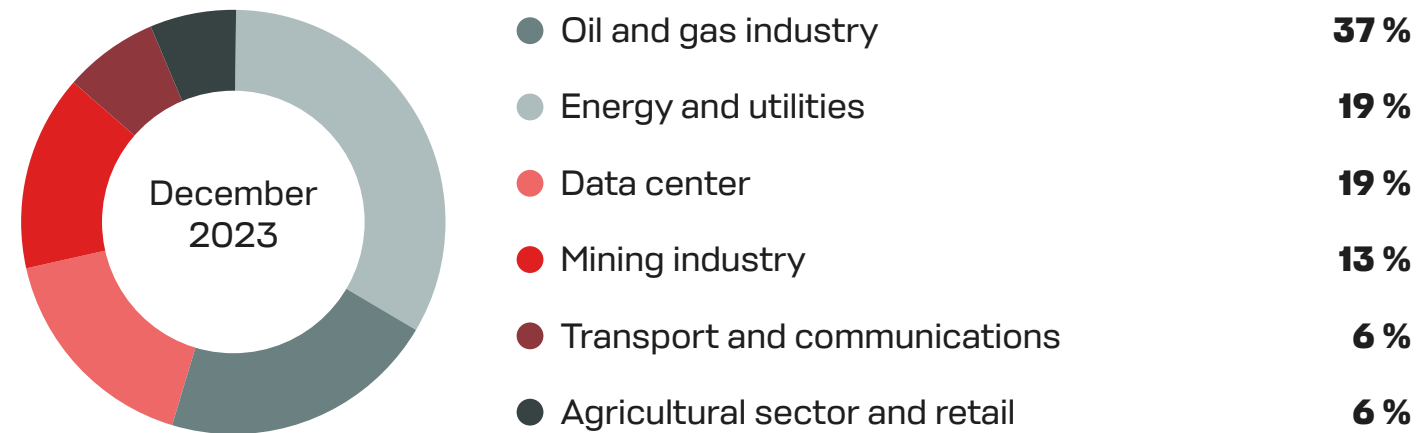
Well drilling pumps



Block pumping stations

Business solutions

Distribution of supplies by industry



Export supplies

CIS: Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan

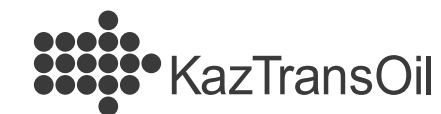
Africa: Angola, Guinea, Libya, Sierra Leone, Uganda, Ethiopia

North America: Dominican Republic, Cuba

Europe: Great Britain, Lithuania, Switzerland, Scotland

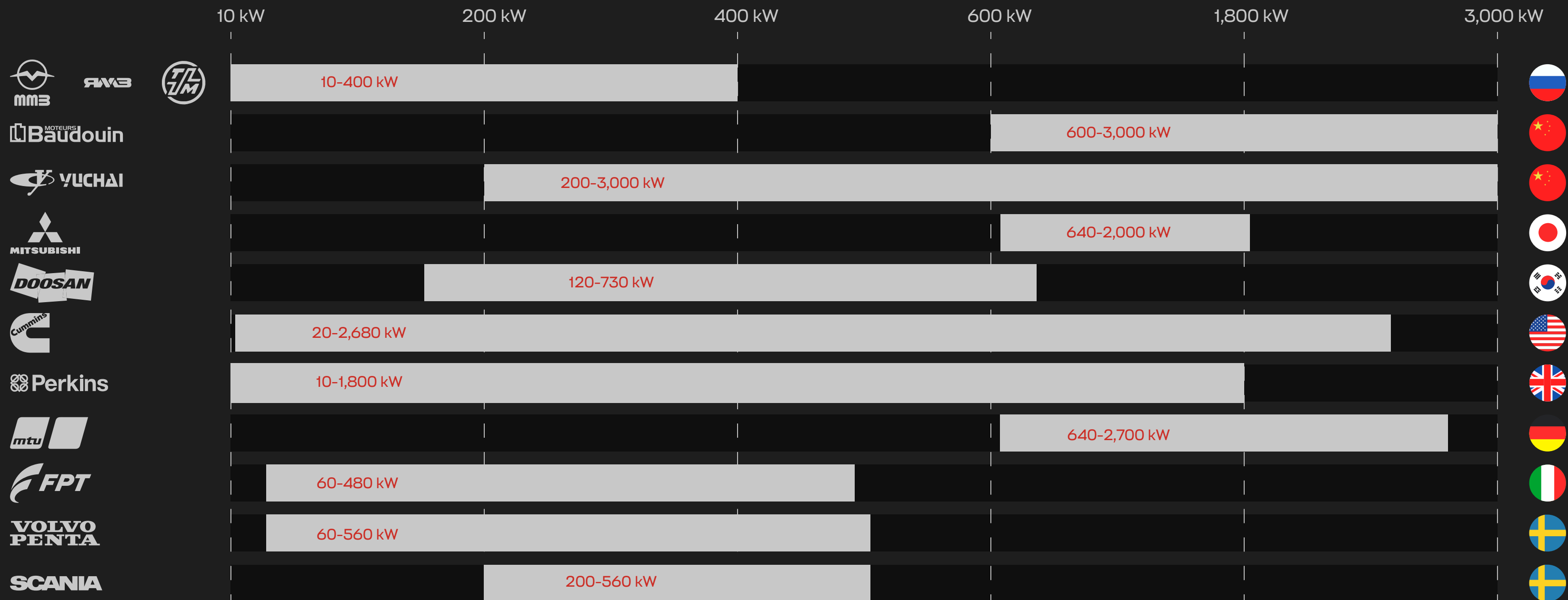
Asia: China, Mongolia, UAE

Partners trust us



Diesel gensets

Power range 10-3,000 kW



Packaged power stations

Diesel power unit, packaged transformer substation and backup power supply in one container is a versatile solution for enterprises operating in poor network conditions

- Uninterrupted power supply
- Automation
- Work in parallel with stationary power grid
- Convenience of transportation and installation
- Operation and maintenance cost saving



Packaged power stations for the Kondinskoye oil field (Russia)

Projects of diesel power plants



24 MW diesel power plant for a data center in Moscow



9 MW diesel power plant for NOVATEK-Murmansk



4.5 MW diesel power plant for underground mine in the Kyrgyz Republic

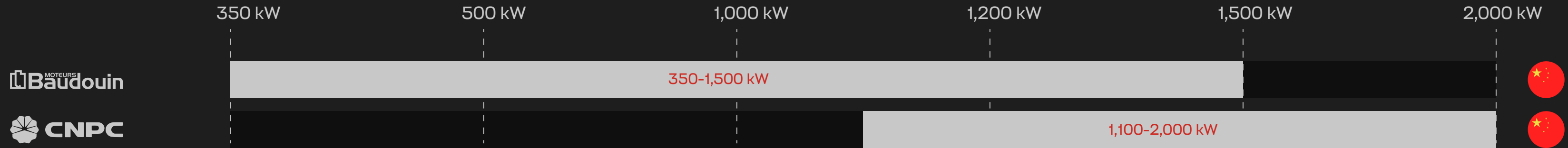


8.5 MW portable electric power plant for Rosseti



Gas gensets

Power range **350-2,000 kW**



Shipped **>31 MW** gas-powered

Test bench for gas gensets

We run a comprehensive inspection of all PSM gas gensets:

- Unit power of the tested plant is up to 3,000 kW
- Selectable voltage class: 400, 6,300 or 10,500 V
- Testing of all plant systems under load from 1 to 100%
- Testing in parallel mode

Baudouin service partner

Construction of an in-house gas power center based on Baudouin engine is a strategic decision to increase operational expertise

1 stage

Put into operation in 2023

Electric power: 540 kW
Heat rating: 740 kW

2 stage

Put into operation (projected plan) in 2024

Electric power: 1,000 kW
Heat rating: 1,020 kW



540 kW gas genset with a heat recovery system at PSM Prime

Projects of gas power plants in 2023



8 MW gas-fired power plants for NOVATEK



1 MW gas-fired power plant for Fanagoria winery



3.5 MW gas-fired power plants for Gazprom



1 MW gas-fired power plant for glass factory

Pumping equipment



For the mining industry



For housing and communal services



For agriculture



For the oil industry



For construction



For fire fighting

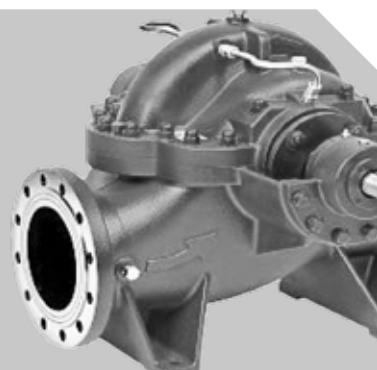


For flood control

Pump types according to the type of pumped liquid:

Water

- Type D
- CNS type
- Cantilever and horizontal pumps



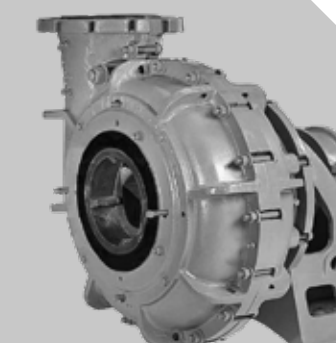
Dirty water

- Strong pumps series
- Super Strong pumps series



Gravel-sand mixtures

- Ground pumps
- Slurry pumps



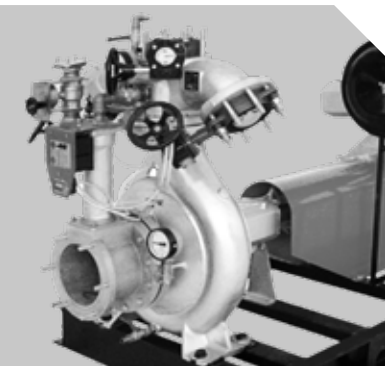
Oil and viscous liquids

- CNSn TYPE
- 1SCN type
- ODN type



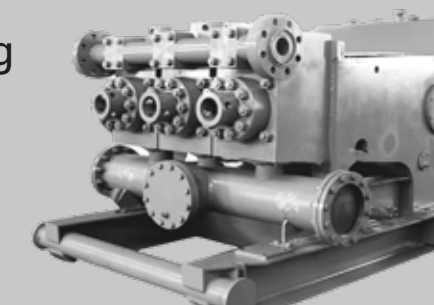
Foaming composition

- NCPN type



Special-purpose equipment

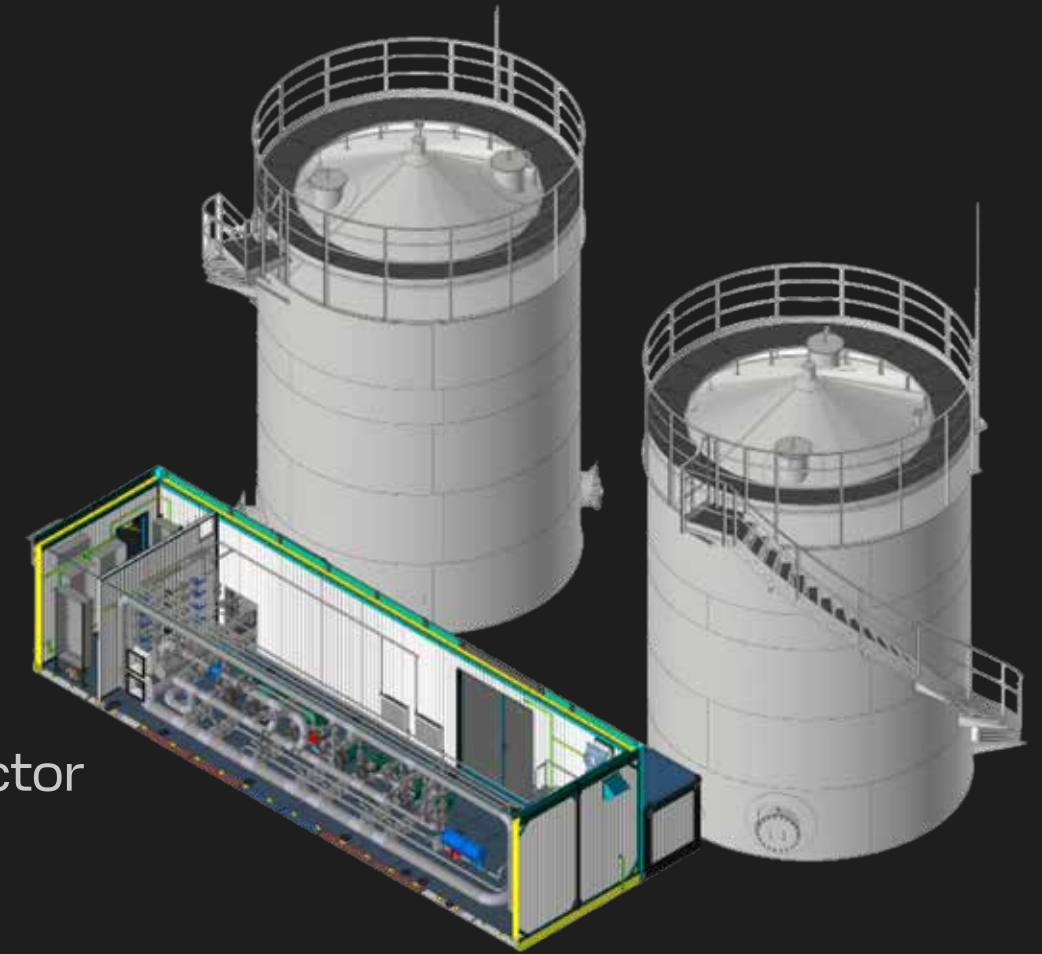
- Pump units for pumping manure
- Pump units with diesel engine for drilling wells (for drilling mud)



Block pumping stations

Centralized water supply for industrial facilities

- Module construction
- Automation
- Quick on-site installation
- 100% responsibility of a single contractor



Dewatering in mining industry

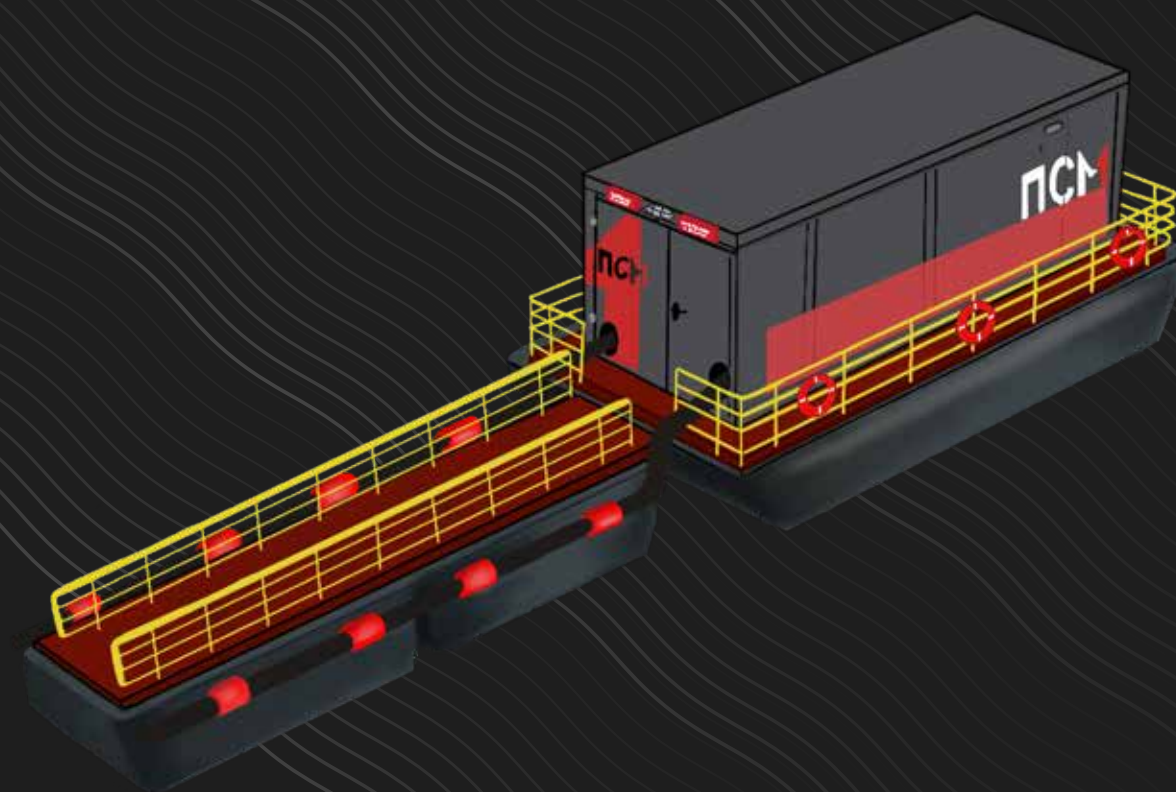
Industrial water supply

Fire suppression

Irrigation

Floating pump station

Block pumping stations upgrade – installation of block modules on a pontoon



Water intake from surface sources:

Quarry dewatering

Work in tailings dumps

Industrial water treatment

Water supply for technological processes

Projects of pumping stations



Diesel pump unit
for acidic environment
pumping



Block pumping station
for a workers' settlement



Diesel pump unit
for gold ore field



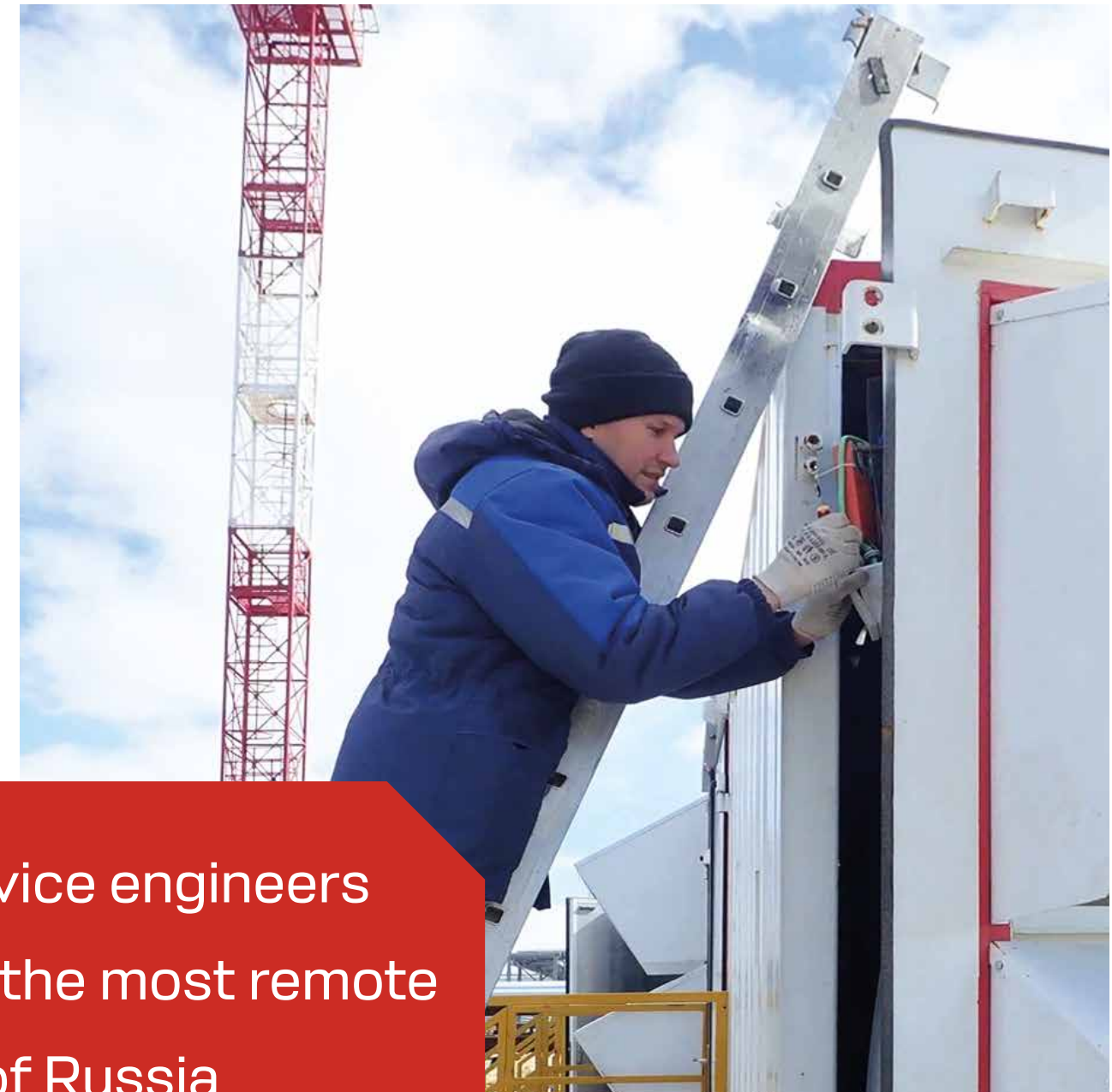
Diesel pump unit
for a gold-mining company

Service throughout Russia

We offer flexible conditions – **on-demand maintenance** or a **service contract** for diagnostics and machine maintenance

- Commissioning supervision
- Diagnostics, repair and modernization of equipment
- Operation (permanent presence of psm engineers at the facility)
- Overhaul plans
- Selection and supply of spare parts

PSM's proprietary **Check PRO** is an intelligent platform for monitoring and comprehensive diagnostics of engine operation that will help to predict breakdowns and schedule maintenance in time



PSM service engineers travel to the most remote regions of Russia and neighboring countries



Engineering forum

Every year we hold our own event at the PSM Prime site – **International Engineering Forum**

This is a place where experts meet to exchange experience and discuss challenging issues of the industry



Events. Dialogue

February 13,
2024

Governor of Yaroslavl region Mikhail Evraev at PSM Prime site assessing the construction progress of the second stage of the factory



August 31,
2022

Visit of the delegation headed by the chairman of the Government of the Russian Federation Mikhail Mishustin to PSM Krasnyi Bor

July 29,
2022

Minister of Economic Development of the Russian Federation Maxim Reshetnikov visited the PSM Prime factory

May 13,
2022

Meeting of PSM CEO Andrey Medvedev with the Minister of industry and trade of the Russian Federation Denis Manturov



April 25,
2017

PSM CEO Andrey Medvedev discussed priority industry issues at the meeting with Russian President Vladimir Putin

Cooperation

2024

Contacts

 psm@powerunit.ru

 www.powerunit.ru

Representative offices:

Headquarters

73, Respublikanskaya St., Yaroslavl 150000, Russia

Sales office in the business center MOSCOW City

12, Presnenskaya Qy, Moscow, Russia

FEDERATION-East Tower, 80 floor

Stay updated!

 [@PowerunitRuPSM](https://www.youtube.com/@PowerunitRuPSM)

 [@psm_company](https://www.instagram.com/psm_company)



Learn more about company
on the personal blog of PSM CEO
Andrey Medvedev on Telegram!



PSM is the progressive present
and technological future of engineering!

