



# 沈阳奥拓福科技股份有限公司

SHENYANG ALL-POWERFUL SCIENCE & TECHNOLOGY STOCK CO., LTD

行业领先的水射流产品与技术解决方案提供商

A Leading Provider Of Waterjet Products And Technology Solutions In The Industry

[APW.CN](http://APW.CN) / [WATERJETAPW.COM](http://WATERJETAPW.COM) / [APWWATERJET.RU](http://APWWATERJET.RU)

**SINCE 1995**



# 关于我们 / ABOUT APW

水射流专业服务商 / Waterjet Tech-Provider

---



APW.CN

WATERJETAPW.COM

APWWATERJET.RU

公司战略 / Company Strategy

概况/生产能力 / Overview/Production Capacity

发展里程碑 / Development Milestones

荣誉/肯定 / Honors/Affirmation

研发/知识产权 / R&D/Intellectual Property

业务领域/科技转化/客户应用 / Business Fields/Technology Transfer/Customer Application

[公司战略](#)

[概况/生产能力](#)

[发展里程碑](#)

[荣誉/肯定](#)

[研发/知识产权](#)

[业务领域/科技转化/客户应用](#)



Company Strategy

•Overview/Production Capacity

•Development Milestones

•Honors/Affirmation

•R&D/Intellectual Property

•Business Fields/Technology

Transfer/Customer Applications

APW.CN

WATERJETAPW.COM

APWWATERJET.RU

## 公司战略 / Company Strategy

以水射流技术核心，特种车制造为支撑，  
发展水射流装备与相关专用车辆。

Develop Waterjet Equipment And Related Special-purpose Vehicles With Waterjet Technology  
As The Core And The Manufacturing Of Special Vehicles As The Support.

陈平



# APW.INC

Stock code : 831296



### 3.自有经营场所 Self-owned business premises



1幢办公楼（总面积约7450m<sup>2</sup>）

1 office building (with a total area of approximately 7,450 sqm)

1个研发基地及展厅（总面积约3575m<sup>2</sup>）

1 R&D base and exhibition hall (with a total area of approximately 3,575 sqm)

1个厂区（含6个生产厂房，1幢办公楼，1个食堂，总面积约12.4万m<sup>2</sup>）

1 plant area (including 6 production workshops, 1 office building, 1 canteen, with a total area of approximately 124,000 sqm)

### 4. 经营链条 Business chain



集研发、钣金、机加、装配、销售、服务于一体  
Integrating R&D, sheet metal working, machining, assembly, sales, and service

### 1.概况 Overview



注册资本8500万人民币  
Registered capital of 85 million RMB

总资产1.9亿人民币  
Total assets of 190 million RMB

### 2. 分公司 Branch companies



奥拓福特特种车辆制造有限公司  
APW Special Vehicle Manufacturing Co., Ltd.

沈阳奥拓福机电设备销售有限公司  
Shenyang APW Mechanical Equipment Sales Co., Ltd.

奥拓福水刀辽宁科技有限公司  
APW Waterjet Liaoning Technology Co., Ltd.

### 5. 经营布局 Business layout



沈阳研发基地  
Shenyang R&D base

开原生产基地  
Kaiyuan production base

[公司战略](#)

[概况/生产能力](#)

[发展里程碑](#)

[荣誉/肯定](#)

[研发/知识产权](#)

[业务领域/科技转化/客户应用](#)



#### Company Strategy

- Overview/Production Capacity
- Development Milestones
- Honors/Affirmation
- R&D/Intellectual Property
- Business Fields/Technology Transfer/Customer Applications

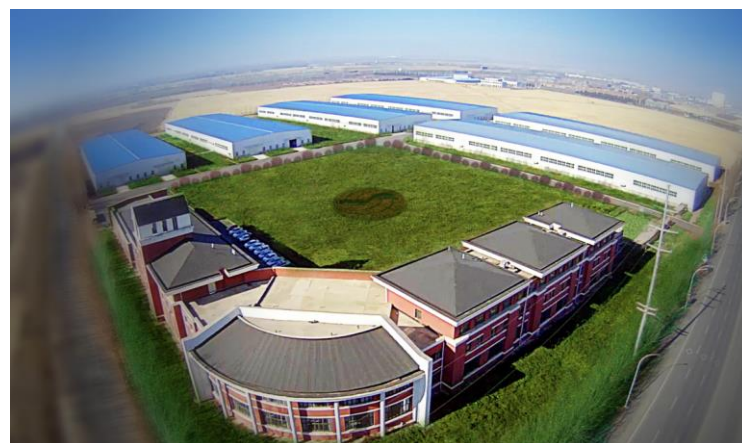
APW.CN

WATERJETAPW.COM

APWWATERJET.RU

# 生产基地 Kaiyuan Production Base

## 沈阳/开原，双城联动 Linkage Between Shenyang And Kaiyuan



### 铁岭开原生产基地

特种车辆与水刀生产基地

占地 12.4 万 m<sup>2</sup>: 1 栋 9000 m<sup>2</sup> 综合楼、6 栋单体、7500 m<sup>2</sup> 生产车间与成品库房

钣金加工车间、机械加工车间、水切割机  
装配车间、专用车装配与检测车间



### 沈阳研发基地

公司管理总部/技术研究院/展厅

办公面积 11000 m<sup>2</sup>



### Tieling Kaiyuan Production Base

Special Vehicle and Waterjet Production Base

Land Area: 124,000 sqm

- 1 comprehensive building (9,000 sqm)
- 6 individual buildings
- 7,500 sqm production workshop and finished goods warehouse

Workshops:

- Sheet metal processing workshop
- Mechanical processing workshop
- Waterjet machine assembly workshop
- Special vehicle assembly and inspection workshop

### Shenyang R&D Base

Company Management Headquarters / Technology  
Research Institute / Exhibition Hall

• Office Area: 11,000 sqm



[公司战略](#)

[概况/生产能力](#)

[发展里程碑](#)

[荣誉/肯定](#)

[研发/知识产权](#)

[业务领域/科技转化/客户应用](#)



Company Strategy

- Overview/Production Capacity
- Development Milestones
- Honors/Affirmation
- R&D/Intellectual Property
- Business Fields/Technology Transfer/
- Customer Applications

APW.CN

WATERJETAPW.COM

APWWATERJET.RU

# 生产基地 Kaiyuan Production Base

年产可达**1000**台专用车/**3000**台水刀

Annual production capacity can reach 1,000 special vehicles or 3,000 waterjet machines



综合办公楼  
office building



拥有完整的从下料、成型、焊接、热处理到机加、装配的全过程生产线  
Possessing a complete production line covering the entire process from material cutting, forming, welding, heat treatment to machining and assembly.



水刀装配车间  
Waterjet assembly workshop



专用车装配车间  
Special vehicle assembly workshop



马扎克车铣复合加工中心  
德玛吉车铣复合加工中心  
Mazak turning and milling compound machining center  
DMG turning and milling compound machining center

# 里程碑 MILESTONES

从1995到2024  
From 1995 To 2024





[公司战略](#)

[概况/生产能力](#)

[发展里程碑](#)

[荣誉/肯定](#)

[研发/知识产权](#)

[业务领域/科技转化/客户应用](#)



Company Strategy

•Overview/Production Capacity

•Development Milestones

•Honors/Affirmation

•R&D/Intellectual Property

•Business Fields/Technology

Transfer/Customer Applications

APW.CN

WATERJETAPW.COM

APWWATERJET.RU

## 资质Qualifications

国家高新技术企业  
辽宁省“专精特新”企业  
辽宁省省级水射流产业技术研究院  
辽宁省创新型中小企业

- National High-tech Enterprise
- Liaoning Province "Specialized, Refined, Unique, and Innovative" Enterprise
- Liaoning Provincial Waterjet Industry Technology Research Institute
- Liaoning Province Innovative Small and Medium-sized Enterprise

## 专业professionalism,

GB<超高压水切割机标准>起草单位

国家863计划项目/国家自然科学基金项目

辽宁省首台（套）重大技术装备

武汉大学-奥拓福水射流技术实验室

奥拓福-大连理工大学水射流技术研究中心

山东大学-奥拓福水射流岩土工程研究中心

奥拓福-广州工业大学研究生奖学金

- Drafting unit of GB <Ultra-high Pressure Waterjet Cutting Machine Standard>
- National 863 Program Project / National Natural Science Fund Project
- Liaoning Province First (Set) Major Technical Equipment
- Wuhan University - APW Waterjet Technology Laboratory
- APW - Dalian University of Technology Waterjet Technology Research Center
- Shandong University - APW Waterjet Geotechnical Engineering Research Center
- APW - Guangdong University of Technology Graduate Scholarship

# 荣誉 HONORS

## 市场反馈market feedback

中国水切割机行业最具影响力品牌

国家安全生产标准化企业

辽宁省著名品牌

沈阳市守合同重信用单位

- Most Influential Brand in China's Waterjet Machine Industry
- National Standardized Enterprise for Work Safety Production
- Well-known Brand in Liaoning Province
- Shenyang City Contract-abiding and Credit-worthy Unit

## 奖项awards

中国机械工业科学技术奖一等奖

辽宁省优秀新产品三等奖

辽宁省科技创新重大专项计划

省级科学技术研究成果

沈阳市科技创新三等奖

- First Prize of China Mechanical Industry Science and Technology Award
- Third Prize for Outstanding New Product in Liaoning Province
- Liaoning Province Major Science and Technology Innovation Special Program
- Provincial Science and Technology Research Achievement
- Third Prize for Science and Technology Innovation in Shenyang City



公司战略  
概况/生产能力  
发展里程碑  
荣誉/肯定  
研发/知识产权  
业务领域/科技转化/客户应用



Company Strategy  
•Overview/Production Capacity  
•Development Milestones  
•Honors/Affirmation  
•R&D/Intellectual Property  
•Business Fields/Technology  
Transfer/Customer Applications

APW.CN  
WATERJETAPW.COM  
APWWATERJET.RU



沈阳市委领导来奥拓福调研

Leaders of the Shenyang Municipal Committee visited APW for research.

省科技厅党组书记来奥拓福考察

The Secretary of the Party Group of the Liaoning Provincial Department of Science and Technology visited APW for inspection.



技术经理在珠海航展讲解水射流清除飞机叶轮余料的原理和应用

The technical manager explained the principles and applications of waterjet removal of residual material from aircraft turbine blades at the Zhuhai Airshow.

沈阳市政府领导来奥拓福调研

Leaders of the Shenyang Municipal Government visited Aotuofu for research.





# 超高压水射流产业技术研究院

## Ultra-high Pressure Waterjet Industry Technology Research Institute

辽宁省省级企业技术中心/沈阳市新型研发机构

Liaoning Provincial Enterprise Technology Center / Shenyang New Type of Research and Development Institution



### 产学研合作所 Industry-university-research Cooperation Institute

依托武汉大学水射流理论与新技术湖北省重点实验室，大连理工大学现代制造技术研究所，山东大学机械工程学院、中铁四院

Relying on the Hubei Provincial Key Laboratory of Waterjet Theory and New Technologies of Wuhan University, the Institute of Modern Manufacturing Technology of Dalian University of Technology, the School of Mechanical Engineering of Shandong University, and China Railway Fourth Survey and Design Institute



### 水切割机研究所 Waterjet Machine Research Institute

数控超高压水切割机产品  
水切割机产品标准化设计  
水切割机定制化研发设计

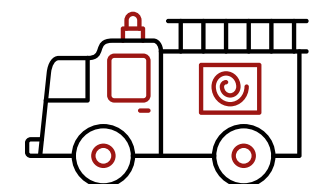
CNC ultra-high pressure waterjet cutting machine products  
Standardized design of waterjet cutting machines  
Customized R&D design of waterjet cutting machines



### 水射流工程装备研究所 Waterjet Machine Research Institute

以奥拓福自主研发世界领先的大流量超高压压力水射流泵组技术为核心，研发交通工程装备（隧道掘进、建筑/路面破拆），钢轨打磨装备，叶轮/叶盘高效加工设备，航空航天、汽车领域的复合材料、合金材料加工设备，以及核能、武器装备领域生产与使用中所需的冷态切割装备，高精密水切割设备

Taking APW's independently developed world-leading high-flow ultra-high pressure waterjet pump group technology as the core, it develops traffic engineering equipment (tunnel boring, building/road demolition), rail grinding equipment, high-efficiency processing equipment for impellers/rotor discs, composite and alloy material processing equipment in the fields of aerospace and automotive, as well as cold cutting equipment needed in the production and use of nuclear energy and weapon equipment fields, and high-precision waterjet cutting equipment.



### 专用车辆研究所 Special Vehicle Research Institute

冷态切割抢险救援消防车  
管道疏通系列专用车车辆  
灭火、专勤消防车

Cold cutting emergency rescue fire truck  
Pipeline cleaning series special vehicles  
Firefighting and special duty fire trucks



[公司战略](#)

[概况/生产能力](#)

[发展里程碑](#)

[荣誉/肯定](#)

[研发/知识产权](#)

[业务领域/科技转化/客户应用](#)



Company Strategy

•Overview/Production Capacity

•Development Milestones

•Honors/Affirmation

•R&D/Intellectual Property

•Business Fields/Technology

Transfer/Customer Applications

APW.CN

WATERJETAPW.COM

APWWATERJET.RU

# 知识产权 INTELLECTUAL PROPERTY

公司注重知识产权建设与保护，目前已获得的专利授权有近60余项，多项主导行业的发明专利。

APW focuses on the construction and protection of intellectual property. It has obtained nearly 60 patent authorizations so far, including several leading industry invention patents.





## 水切割机 Waterjet Cutting Machine

玻璃、石材、金属与非金属材料三轴、五轴数控超高压水切割机

Three-axis and five-axis CNC ultra-high pressure waterjet cutting machines for glass, stone, metal, and non-metal materials



## 水射流工程装备 Waterjet Engineering Equipment

盾构机水射流单元、水射流铁轨修复装备、危化品切割装备、高精密水刀、水射流破碎装备

Shield machine waterjet unit, waterjet rail repair equipment, hazardous material cutting equipment, high-precision waterjet, waterjet crushing equipment



## 消防车 Fire Truck

灭火消防车、抢险救援消防车、战勤保障消防车

Firefighting fire truck, emergency rescue fire truck, logistics support fire truck



## 特种车辆 Special Vehicles

管道疏通车、污水环保处理车、排涝车、水射流切割除锈工程车

Pipeline cleaning vehicle, sewage environmental protection treatment vehicle, flood discharge vehicle, waterjet cutting and rust removal engineering vehicle



CORE TECHNOLOGY

Ultra-high Pressure Waterjet Pump

R&D / Development / Empowerment

核心技术  
超高压水射流泵组

研发/发展/赋能



[目录](#)  
[业务领域](#)  
[核心泵组](#)  
[工程应用](#)  
[专用车](#)  
[联系我们](#)



[Table of Contents](#)  
[Business Fields](#)  
[Core Pump Groups](#)  
[Engineering Applications](#)  
[Special Vehicles](#)  
[Contact Us](#)

APW.CN  
WATERJETAPW.COM  
APWWATERJET.RU

# 核心高压泵组 PUMPS, CORE-TECH

细分领域，多种选择 Specialized Fields, Multiple Options

喷砂切割泵组

破拆泵组

伺服超级型高压泵

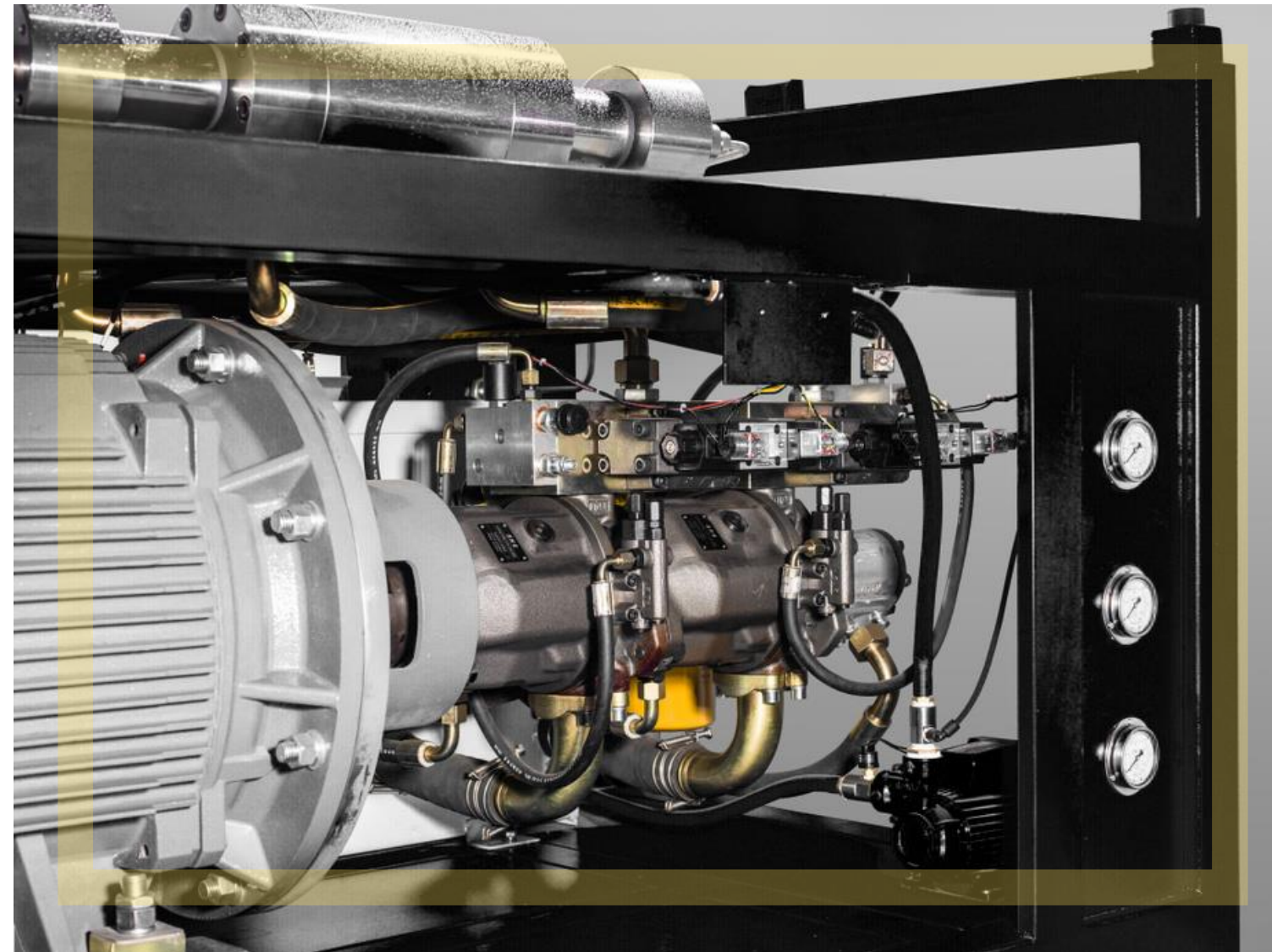
节能型伺服高压泵

高效型高压泵

纯水型高压泵

经典型高压泵

- Sandblast cutting pump group
- Demolition pump group
- Servo super high-pressure pump
- Energy-saving servo high-pressure pump
- High-efficiency high-pressure pump
- Pure water high-pressure pump
- Classic high-pressure pump







# 核心高压泵组 PUMP&PUMP SET



喷砂切割泵组单元  
Sandblast Cutting Pump Group Unit



破拆泵组单元  
Demolition Pump Group Unit



节能型伺服高压泵 A22S  
Servo Motor Pump A22S



高效型高压泵 V6  
Powerful Pump V6



超高压高压泵 H9  
Ultra Presssure Pump H9



经典型高压泵 A15-B  
Classcial Pump A15-B



# 超大流量水射流泵组 Ultra-high flow waterjet pump group

世界首套超高压超大流量新一代泵组单元，采用智变速分动系统对泵组单元的动力、流量进行控制，以便在不同压力或 者不同流量的状态下进行快速转换，并可同时加载多个执行机构。

The world's first ultra-high pressure, ultra-high flow, next-generation pump group unit, which uses an intelligent variable speed transfer system to control the power and flow of the pump group unit, allowing for quick switching between different pressure or flow states and enabling the simultaneous loading of multiple actuators.

## 应用领域

海上钻井平台工程救险与除锈作业  
水力破拆、切除混凝土（沥青）建筑（路面）

## Application Fields

Offshore drilling platform engineering rescue and rust removal operations  
Hydraulic demolition, cutting of concrete (asphalt) in buildings (road surfaces)

## 应用客户

中海油---国家海上油气应急救援平台

## Application Customers

China National Offshore Oil Corporation (CNOOC) - National Offshore Oil and Gas Emergency Rescue Platform

现场视频1

现场视频2



**SPECIALIZED, REFINED, UNIQUE, AND INNOVATIVE**

Supporting major national equipment

Application / Transformation / Exploration

专精特新  
助力大国重器

应用/转化/挖掘





# 超高压磨料水射流钢轨打磨修复装备 Ultra-high Pressure Abrasive Waterjet Rail Grinding And Repair Equipment

机车装载式超高压磨料水射流修复钢轨装备，以铁路货运车厢P60型棚车为载车，运载超高压磨料水射流设备、智能激光实时测量设备及全伺服驱动机构，精确打磨修复受损钢轨  
该备可替代进口钢轨铣磨装备，具有极大的经济价值与社会价值。

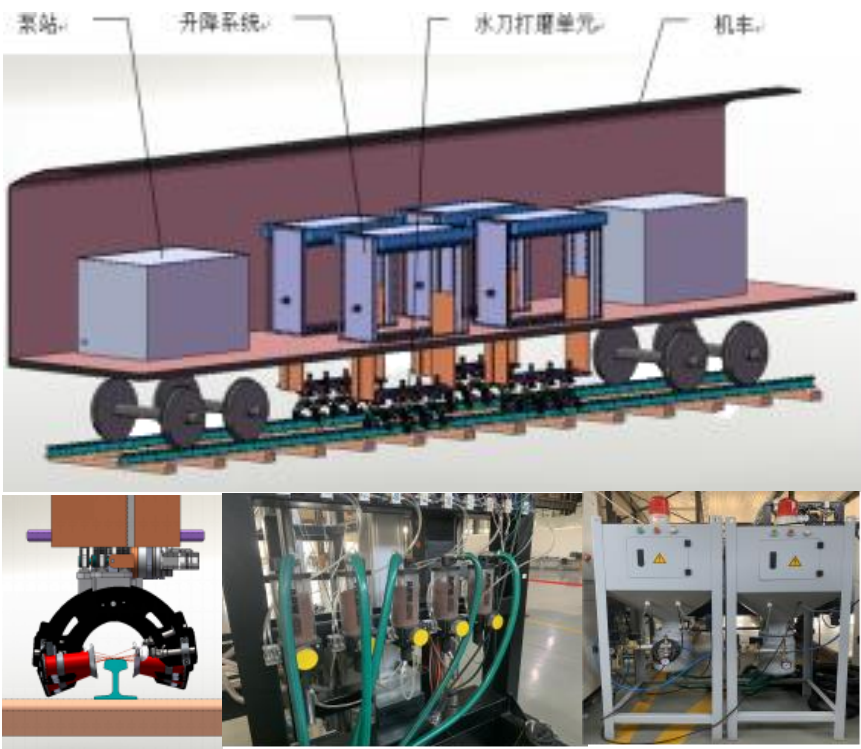
The locomotive-mounted ultra-high pressure abrasive waterjet rail repair equipment uses the P60 type freight car as the carrier to transport ultra-high pressure abrasive waterjet devices, intelligent laser real-time measurement devices, and fully servo-driven mechanisms, accurately grinding and repairing damaged rails. This equipment can replace imported rail milling and grinding equipment, offering significant economic and social value.

应用领域  
轨道打磨修复

Application Fields  
Rail grinding and repair

应用客户  
中铁第四勘测设计院集团

Application Customers  
China Railway Fourth Survey and Design Institute Group



铁轨打磨视频

目录  
业务领域  
核心泵组  
工程应用  
专用车  
联系我们

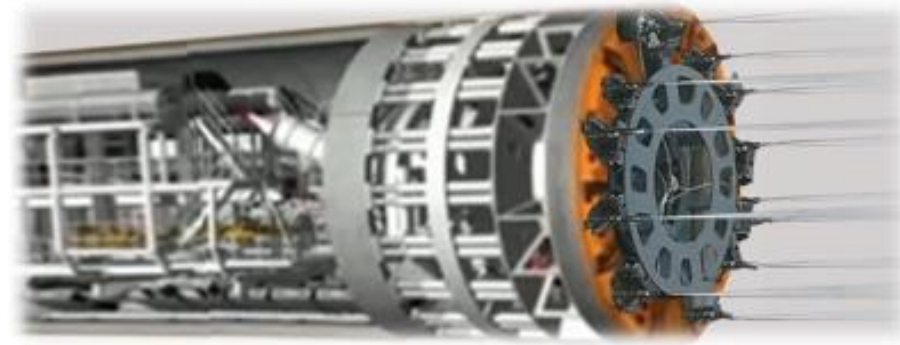


Table of Contents  
Business Fields  
Core Pump Groups  
Engineering Applications  
Special Vehicles  
Contact Us

APW.CN

WATERJETAPW.COM

APWWATERJET.RU



# 水射流复合隧道掘进技术与装备 Waterjet Composite Tunnel Boring Technology And Equipment

奥拓福科技研发的新式盾构机中的刀盘根据施工对象量身定制，将超高压磨料水刀加载于6米28土压平衡盾构机刀盘内部，喷射380MPa高压水，夹带细砂磨料，对岩石、混凝土钢筋基桩进行切割破碎，降低盾构机刀盘内刀具磨损，有效辅助盾构机进行破岩、截桩、隧道掘进

The cutting wheel of the new type of shield machine developed by APW's R&D is tailor-made according to the construction object. The ultra-high pressure abrasive waterjet is loaded inside the cutting wheel of the 6m28 earth pressure balance shield machine, spraying 380MPa high-pressure water mixed with fine sand abrasive to cut and crush rocks, concrete and rebar piles, reducing the wear of the tools inside the shield machine's cutting wheel and effectively assisting the shield machine in rock breaking, pile cutting and tunnel boring.

**应用领域**  
破岩、挖掘、切桩

**Application Fields**  
Rock breaking, excavation, pile cutting

**应用客户**  
中铁五局---沈阳地铁4号线项目

**Application Customers**  
China Railway Fifth Bureau - Shenyang Metro Line 4 Project

现场视频1

现场视频2



[目录](#)  
[业务领域](#)  
[核心泵组](#)  
[工程应用](#)  
[专用车](#)  
[联系我们](#)



[Table of Contents](#)  
[Business Fields](#)  
[Core Pump Groups](#)  
[Engineering Applications](#)  
[Special Vehicles](#)  
[Contact Us](#)

APW.CN

WATERJETAPW.COM

APWWATERJET.RU



# 飞机发动机叶盘水射流加工设备 Waterjet Processing Equipment For Aircraft Engine Disks

“航空发动机复杂曲面零件磨料水射流加工技术研究”项目是由大连理工大学牵头、沈阳奥拓福科技股份有限公司和山东大学参与的国家自然科学基金-辽宁联合基金重点资助项目。针对航空发动机整体叶盘和叶轮为代表的高性能复杂曲面零件加工面临的去除余量大、强几何干涉、成本高昂等难题

The "Research on Abrasive Waterjet Machining Technology for Complex Curved Surface Parts of Aero Engines" project is led by Dalian University of Technology, with the participation of APW and Shandong University. It is a key project funded by the National Natural Science Foundation - Liaoning Joint Fund. The project addresses the challenges of large material removal, strong geometric interference, and high costs in the machining of high-performance complex curved surface parts, such as integral blisks and impellers, which are representative of aero engine components.

## 应用领域

复杂曲面切割加工

## Application Fields

Complex curved surface cutting and machining

## 应用客户

大连理工大学、中国航发沈阳黎明航空发动机（集团）有限责任公司

## Application Customers

Dalian University of Technology

AVIC Shenyang Liming Aero-Engine (Group) Co., Ltd.

[目录](#)  
[业务领域](#)  
[核心泵组](#)  
[工程应用](#)  
[专用车](#)  
[联系我们](#)

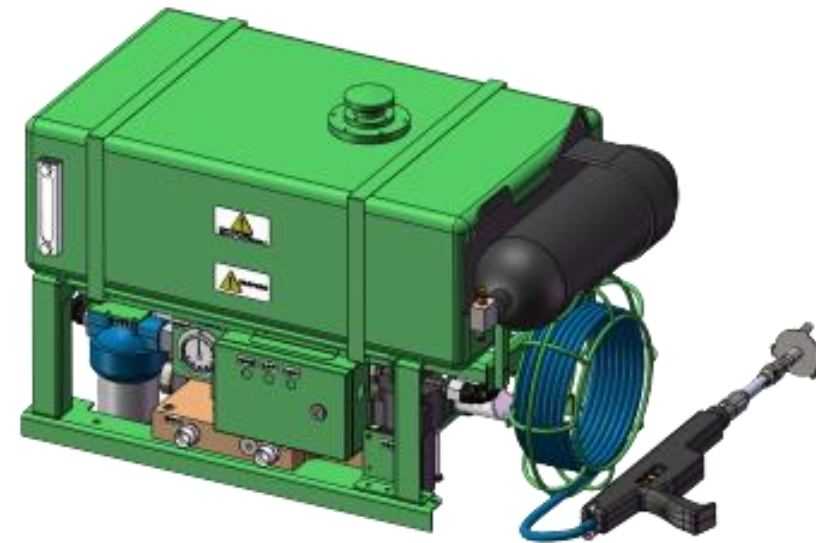


[Table of Contents](#)  
[Business Fields](#)  
[Core Pump Groups](#)  
[Engineering Applications](#)  
[Special Vehicles](#)  
[Contact Us](#)

APW.CN  
WATERJETAPW.COM  
APWWATERJET.RU

# 车载式水切割超高压设备 Vehicle-mounted Ultra-high Pressure Waterjet Cutting Equipment

车载式超高压水切割设备是通过技术整合而形成的高效率、高质量自动化产品。混合超高压水射流与便携式供砂罐提供磨料，由切割枪喷射的磨料水射流切割工件。使低温状态下切割作业有较高的适应性，且使用可靠、操作简单和易于维保。



The vehicle-mounted ultra-high pressure waterjet cutting equipment is a highly efficient and high-quality automated product formed through technological integration. The hybrid ultra-high pressure waterjet, combined with a portable sand supply tank, provides abrasive for the cutting gun to spray abrasive waterjet to cut workpieces. This equipment offers high adaptability for cutting operations under low-temperature conditions and is reliable in use, simple to operate, and easy to maintain.

应用领域  
抢险救援的切割、破拆

**Application Fields**  
Cutting and demolition in emergency rescue operations

应用客户  
武警某部队

**Application Customers**  
A certain unit of the Armed Police Force







切割路面

去除油漆



# 水射流除线机（含回收装置） Waterjet Wire Removal Machine (With Recycling Device)

水射流移动小车，可根据搭配不同高压泵组，满足不同需求。搭配双增压泵组 110KW 410MPa 12L/min，可进行路面切割作业。改装成便携式水清洗车 250MPa 18L/min，可清除马路油漆。

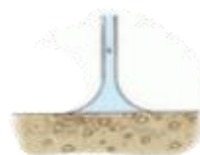
The waterjet mobile cart can be paired with different high-pressure pump groups to meet various needs. When equipped with a dual booster pump group of 110KW, 410MPa, and 12L/min, it can perform road cutting operations. It can also be modified into a portable water cleaning vehicle with 250MPa and 18L/min to remove road paint.

应用领域  
市政领域

## Application Fields Municipal field

应用客户  
无锡市政---去除马路油漆  
华东电网---切割混凝土地面，修复地下电网

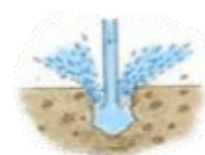
Application Customers  
**Wuxi Municipal - Removing road paint**  
East China Power Grid - Cutting concrete ground to repair underground power grid



注入  
高压水流  
Injection of  
high-pressure  
water



击打  
混凝土表面  
Striking the  
concrete  
surface



底部形成  
圆桶结构  
Formation  
of a  
cylindrical  
structure at  
the bottom



依靠高压水弹性  
去除混凝土  
Relying on the  
elasticity of high-  
pressure water to  
remove concrete



# 水泥破拆设备 Concrete Demolition Equipment

高压水射流破拆混凝土是一项非常环保、节能的新工艺，具有无粉尘、震动小、效率高、对原结构没有任何损伤等优点

市场上最紧凑、最轻、最灵活、最经济的水力爆破机器人。紧凑的机器人324是专为:水平混凝土清除、垂直混凝土清除、混凝土拆除、铁轨水平以下的混凝土拆除、圆形隧道、钢管和混凝土管道、有塔和没有塔的柱子、带有绞车套件的单桅船、液压转子表面处理

High-pressure waterjet demolition of concrete is a very environmentally friendly and energy-saving new process, with advantages such as no dust, low vibration, high efficiency, and no damage to the original structure.

The most compact, light, flexible, and economical hydraulic blasting robot on the market. The compact robot 324 is specifically designed for: horizontal concrete removal, vertical concrete removal, concrete demolition, concrete demolition below rail level, circular tunnels, steel pipes and concrete pipes, columns with and without towers, single-mast cranes with winch kits, and hydraulic rotor surface treatment.

应用领域  
桥梁、水坝、隧道、码头、机场和重要建筑物混凝土结构的翻修、改造和加固

**Application Fields**  
Refurbishment, renovation, and reinforcement of concrete structures in bridges, dams, tunnels, docks, airports, and important buildings





## MOBILE APPLICATIONS

Vehicle Modification, Powerful Performance

Firefighting / Rescue / Cleaning

移动应用  
车载改装澎湃动力

消防/救援/清洁





# 01 消防类 Firefighting

泡沫水罐消防车、抢险救援消防车、战勤保障消防车、举高喷射消防车等系列车型  
Series of vehicles including foam water tank fire truck, emergency rescue fire truck, logistics support fire truck, aerial spray fire truck, etc.



# 02 市政类 Municipal category

管道疏通车、污水环保处理车、排涝车  
Pipeline cleaning vehicle, sewage environmental protection treatment vehicle, flood discharge vehicle



# 03 专用车类 Special vehicle

各式救护车、水射流切割救险车、冷藏车、越野房车、石油修井机等专业车辆  
Various types of ambulances, waterjet cutting rescue vehicles, refrigerated vehicles, off-road recreational vehicles, oil well servicing rigs, and other specialized vehicles





# 冷态切割抢险救援消防车

## Cold Cutting Emergency Rescue Fire Truck

### 消防车

### Fire Truck



冷态切割抢险救援消防车是消防领域的革命性创新产品，该款消防车配备了具有自主知识产权的超高压冷态破拆切割装备与超大流量直驱高压细水雾泵，可完成对易燃易爆现场环境下的破拆救援以及高层灭火、远距离输水、细水雾灭火等抢险救援任务。

The cold cutting emergency rescue fire truck is a revolutionary innovation in the field of firefighting. This fire truck is equipped with ultra-high pressure cold cutting demolition equipment and a high-flow direct-drive high-pressure fine water mist pump, both of which have independent intellectual property rights. It can complete demolition and rescue operations in flammable and explosive environments, as well as high-rise firefighting, long-distance water supply, and fine water mist firefighting and other emergency rescue tasks.

应用客户  
铁岭消防支队---380MPa 3.7L/min

**Application Customers**  
Tieling Fire Brigade - 380MPa 3.7L/min



冷态切割钢板视频

# 管道疏通系列专用车 Pipeline Cleaning Series Special Vehicles

## 专用车 Special vehicle



### 管道疏通视频

高效地超高压水射流地下管网勘测、清洗疏通、检测、修复作业。

Efficient ultra-high pressure waterjet operations for underground pipeline survey, cleaning, unblocking, inspection, and repair.

应用客户  
北京市政---清洗石油运输管道 25MPa 600L/min

**Application Customers**  
Beijing Municipal - Cleaning of oil transportation pipelines 25MPa 600L/min







奥拓福 Apw.Inc

行业领先的水射流产品与技术解决方案提供商

A Leading Provider Of Waterjet Products And Technology Solutions In The Industry

**SINCE 1995**

## 联系我们

- 水刀中文网址: WWW.APW.CN / WWW.APW.TOP / WWW.APW.VIP
- 特种车网址: WWW.WATERJET.CN
- 24H服务热线: 400-8715551
- 邮箱: [apw@apw.cn](mailto:apw@apw.cn)
- 销售网络: 爱采购/抖音

## Contact APW

- English Web: WWW.WATERJETAPW.COM
- Russian Web: WWW.APWWATERJET.RU
- Email: [apw@apw.cn](mailto:apw@apw.cn)
- Sales Network: Shenyang All-Powerful Science And Technology  
Stock Co., Ltd.(Alibaba)