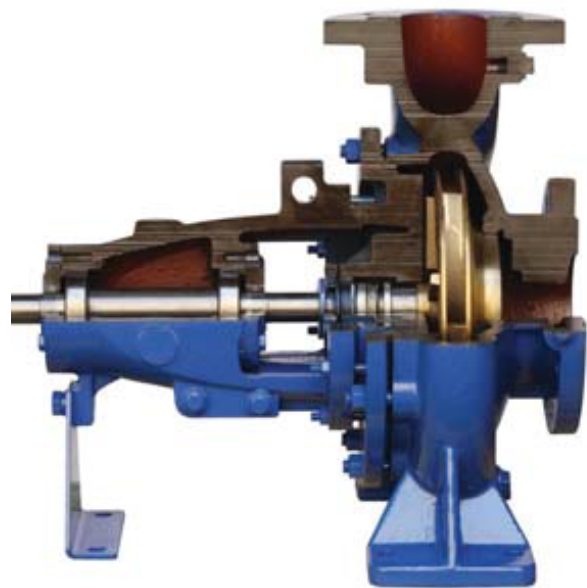


Horizontal Pumps



WPIL Limited – An Introduction

WPIL Limited is a global leader in specialized flow solutions, with over 70 years of engineering excellence across the full spectrum of the pumping industry. The company serves diverse sectors including water, irrigation, municipal infrastructure, industry, and energy, delivering high-performance solutions for critical applications worldwide.

Backed by a strong global manufacturing footprint and continuous investment in R&D, WPIL combines advanced engineering with precision manufacturing to deliver reliable, efficient, and customized pumping systems. The company's portfolio spans vertical, horizontal, submersible, engineered, and fire pumps - designed to meet the most demanding operational requirements.

Leveraging the hydraulic heritage of globally recognized brands such as Worthington and Johnston, and strengthened by a modern R&D ecosystem, WPIL offers a comprehensive range of products and turnkey solutions. From specialized manufacturing and system integration to installation, commissioning, and lifecycle services, the company provides end-to-end capabilities for complex water and infrastructure projects.

With operations across multiple international markets and a growing global presence through strategic acquisitions and joint ventures, WPIL continues to set benchmarks in performance, reliability, and engineering innovation.



12
Manufacturing
Facilities



9
Successful
Acquisitions



48+
Countries Served



1500+
Employees Globally



WPIL Limited

Horizontal Pump Solutions

WPIL offers a comprehensive range of horizontal pumps, designed to deliver efficient, reliable, and easy-to-maintain solutions across diverse applications - industrial, power, irrigation, and municipal. Built for durability and precision, and available in a range of metallurgies, they are ideal for operations where performance, control, and serviceability are critical. These products are market leaders in performance.

All WPIL horizontal pumps are designed with the end user in mind, delivering high operational efficiency, ease of operation and maintenance, rugged construction for long service life, and reliable performance under varying flow conditions.

Whether it's municipal water supply, industrial processing, or wastewater management, these pumps offer a proven, high-performance solution that stands the test of time

Split Case – Between Bearing



WLN Type – Axially Split
Double Suction
Standard



WLN Type – Axially Split
Double Suction
Heavy Duty



U Type – Axially Split
Double Suction
2 Stage



WXH Type – Radial Split
Multistage

End Suction



WPE Type – End Suction
Back Pull-Out

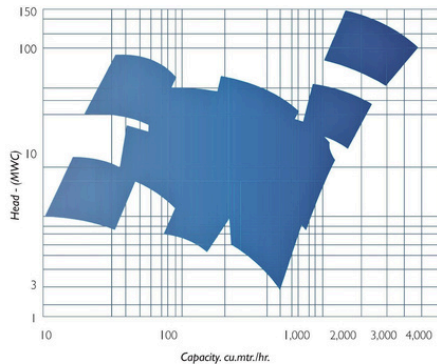
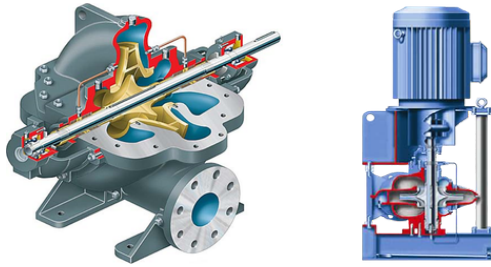


DS Type – End Suction
Heavy Duty



MN Type – End Suction
Solid Handling
Heavy Duty

WLN – AXIAL SPLIT CASE – Standard



KEY FEATURES

Single stage pump

Design: Axially split case

Impeller: Dual suction closed type

Execution: Horizontal and vertical available

PERFORMANCE

Range: 10 m³/hr to 2,200 m³/hr

Head: Up to 120.0 m

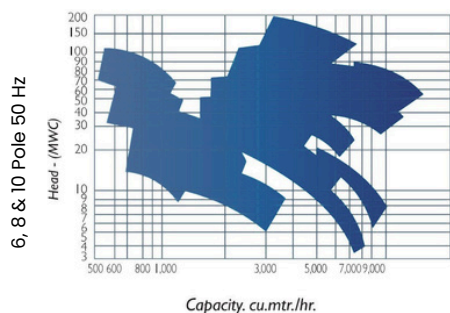
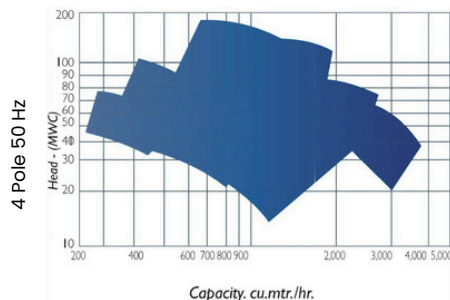
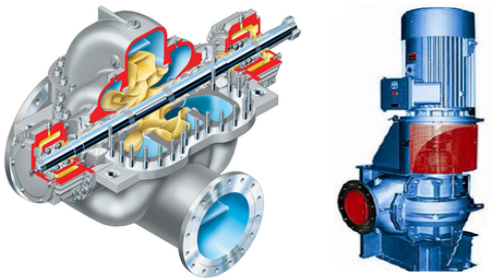
DESIGN ADVANTAGES

Balanced axial loading

High efficiency

Ease of maintenance

WLN – AXIAL SPLIT CASE – Heavy Duty



KEY FEATURES

Single stage pump

Design: Axially split case

Impeller: Dual suction closed type (Volute casing design)

Execution: Horizontal and vertical available

Suction / discharge branches integrally cast

PERFORMANCE

Range: 400 m³/hr to 15,000 m³/hr

Head: Up to 190.0 m

DESIGN ADVANTAGES

Balanced axial loading

Can operate at near shut-off capacity without excessive deflection

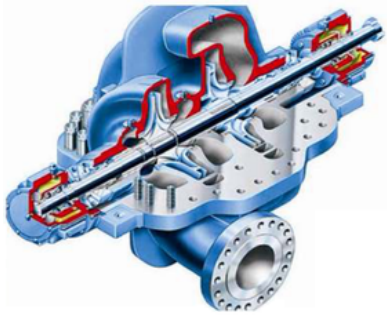
High efficiency

Ease of maintenance

Low noise and vibration

Low NPSHR

U – AXIAL SPLIT CASE – 2 Stage



KEY FEATURES

Two stage pump

Design: Axially split case

Impeller: Dual suction closed type

PERFORMANCE

Range: 10 m³/hr to 900 m³/hr

Head: Up to 200.0 m

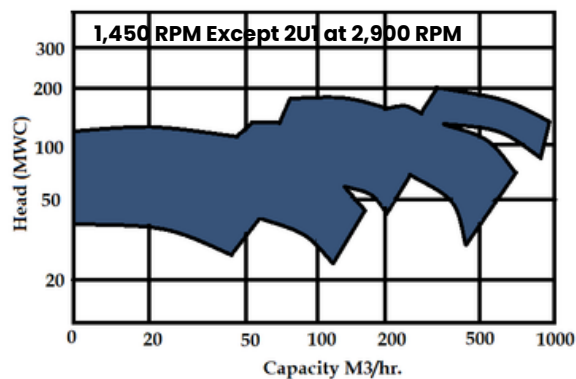
DESIGN ADVANTAGES

Balanced axial loading

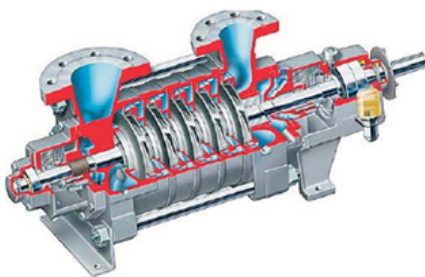
High efficiency

Ease of maintenance

Low NPSHR



WXH – RADIAL SPLIT CASE – Multistage



KEY FEATURES

Multistage pump

Radially split case suction design

PERFORMANCE

Range: 6 m³/hr to 450 m³/hr

Head: Up to 650.0 m

DESIGN ADVANTAGES

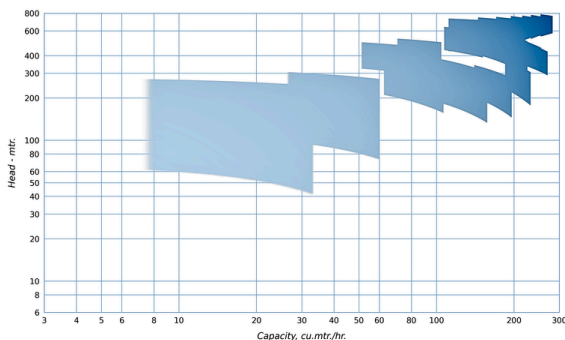
Suitable for water supply and drainage

Axial thrust balance by balancing disc

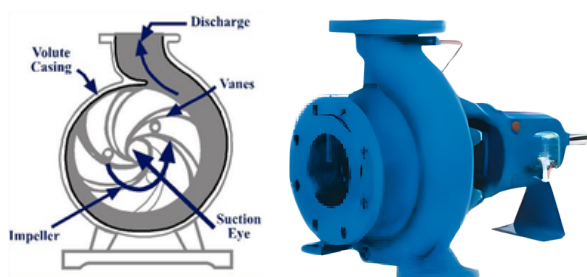
High efficiency

Extra sliding bearing for longer lifecycle

Various orientations available



DS Industrial Type – Heavy Duty



KEY FEATURES

Single stage, single suction pump

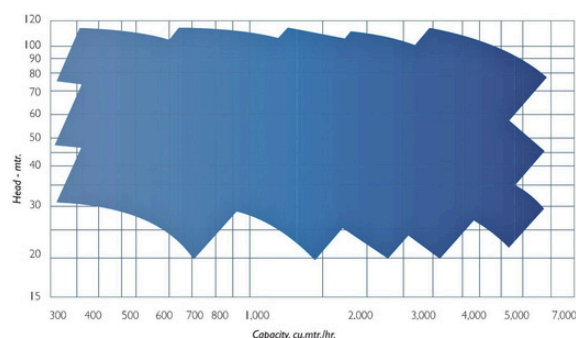
Design: Radially split case

End-suction back pull-out design

Double volute casting

Impeller: Dual suction closed type

Execution: Horizontal and vertical available



PERFORMANCE

Range: 400 m³/hr to 5,000 m³/hr

Head: Up to 100.0 m

DESIGN ADVANTAGES

Low NPSH requirement

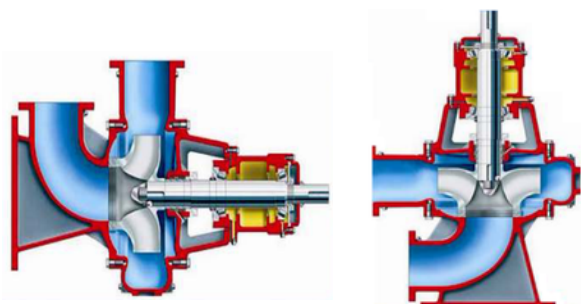
High efficiency

Low noise and vibration

Conservative loading of components

Low wear and tear

MN – Solid Handling Pumps



KEY FEATURES

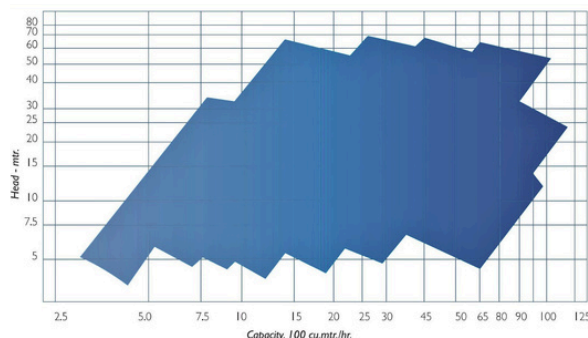
Mixed flow type pump

Design: Radially split case end suction

Impeller: Enclosed non-clog design

Execution: Horizontal and vertical available, with various nozzle positions

Large solids & stringy material handling capability



PERFORMANCE

Range: 50 m³/hr to 9,400 m³/hr

Head: Up to 60.0 m

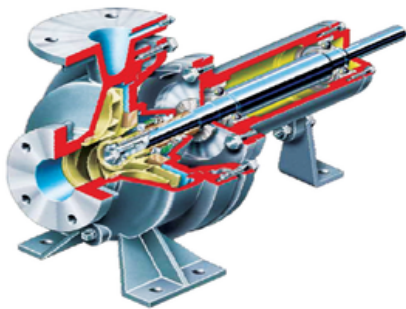
DESIGN ADVANTAGES

Consistent performance over long lifecycle

High efficiency

Low noise and vibration

WPE – End Suction Pump – ISO 2858



KEY FEATURES

Design: Radially split case

Impeller: Closed or open type

Casting pressure up to 16 bar

PERFORMANCE

Range: Up to 900 m³/hr

Head: Up to 140.0 m

DN: 32 mm to 200 mm

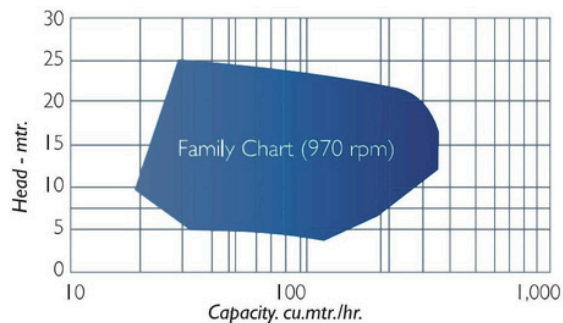
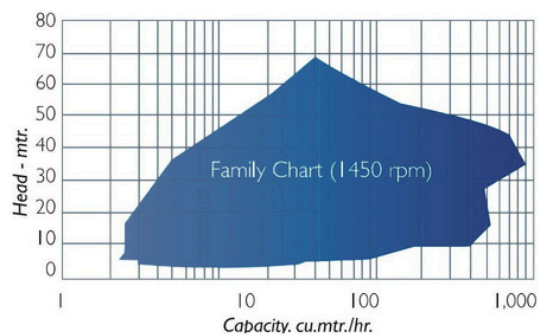
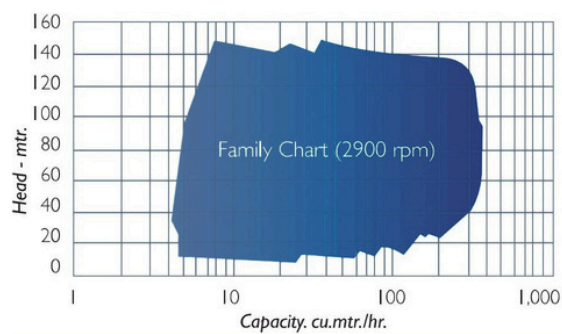
DESIGN ADVANTAGES

Exceeds ANSI B 73.1 Standard

High efficiency

Low noise and vibration

Low NPSHR





FEATURED REFERENCES

- ✓ Two WLN pumps of 2,841 m³/hr capacity with 445 kW / 6 pole motor supplied for river raw water intake in West Bengal, India
- ✓ Three WLN pumps of 11,650 m³/hr capacity with 750 kW motor supplied to L&T for Sikalbaha CCPP (225 MW) in Bangladesh
- ✓ Two WLN pumps of 4,040 m³/hr with 250 kW motor supplied to Marubeni Corporation and L&T for Bheramara CCPP (360 MW) in Bangladesh
- ✓ Nine WLN pumps of 4,050 m³/hr capacity with 200 kW motor supplied to Kalpataru Ltd. for water supply in Ludhiana, India
- ✓ Five WLN pumps of 6,120 m³/hr capacity with 290 kW motor supplied to CESPO for UP Irrigation in India
- ✓ Two WLN pumps of 5,000 m³/hr capacity with 1,060 kW motor supplied to IOCL in Panipat, India
- ✓ Six WLN pumps of 4,450-4,800 m³/hr capacity with 820-900 kW motor supplied to Paharpur Cooling Towers Ltd. for IOCL Barauni
- ✓ Fourteen WLN pumps of 6,120 m³/hr capacity with 190-350 kW motor supplied to CESPO for UP Irrigation, India
- ✓ WLN pumps of 1,022 m³/hr capacity with 180 kW / 4 pole motor supplied to Tata Steel in India
- ✓ Sixteen WLN pumps of up to 650 m³/hr capacity with 1,325 kW / 4 pole motor supplied to Hindalco in Hirkund, India
- ✓ Three WLN pumps of 5,290 m³/hr capacity with 630 kW motor supplied for Madhya Pradesh WRD, India
- ✓ Sixteen U Pumps & WLN pumps of up to 200 m³/hr capacity and 75 m head with 45 kW / 4 pole motor for Beijing Sino Steel in China
- ✓ Six WLN pumps of 6,240 m³/hr capacity with up to 2,100 kW motor supplied for Jihe-Kathapur Lift Irrigation Scheme in Satara, India
- ✓ Seven WLN pumps of 4,900 m³/hr capacity with 1,210 kW motor supplied to Paharpur Cooling Towers Ltd. in Haldia, India
- ✓ Three WLN pumps of 5,100 m³/hr capacity with 1,200 kW motor supplied to Gujarat Water Infrastructure Ltd., India
- ✓ Two U pumps of up to 200 m³/hr capacity and 80 m head with 75 kW / 4 pole motor installed in Malaysia
- ✓ Several WLN pumps of up to 1,584 m³/hr capacity with 175 kW / 4 pole motor supplied for KWA, India
- ✓ Several WLN pumps of up to 1,720 m³/hr capacity with 715 kW / 4 pole motor supplied to Osaka Steel in Nigeria
- ✓ Five WLN pumps of up to 3,420 m³/hr capacity with 225 kW / 10 pole motor for Delhi Jal Board, India
- ✓ Seven MN pumps of 4,080 m³/hr with 160 kW motor supplied to CESPO for UP Irrigation in India
- ✓ Two MN pumps in vertical orientation of 1,900 m³/hr capacity and 18.5 m head supplied for Thai Rayon, Thailand
- ✓ WLN pumps of 1,500 m³/hr capacity and 150 m head with 950 kW motor supplied to Department of Atomic Energy, India
- ✓ Five WLN pumps of 1,250 m³/hr capacity and 48 m head in complete duplex SS supplied to Roman Bay, South Africa



FEATURED REFERENCES

- ✓ Three WLN pumps of 5,400 m³/hr capacity with 640 kW motor for Jindal Steel Odisha Ltd., India
- ✓ WLN pump of up to 3,675 m³/hr capacity with 375 kW / 6 pole motor for CPCL, India
- ✓ Six WLN pumps of up to 6,115 m³/hr capacity with 615 kW / 8 pole motor supplied for UP Irrigation
- ✓ WLN pumps of 4,200 m³/hr capacity with 750 kW motor supplied to Indian Oil Corporation Ltd. in West Bengal, India
- ✓ Several WLN pumps of up to 100 m³/hr capacity for Hidromec in Colombia
- ✓ 61 WLN pumps of up to 2,000 m³/hr capacity with 220 kW / 4 pole motor and full SS-CF8M moc for APCL - Aravali STPP through BHEL in India
- ✓ 10 sets of WLN pumps of 2,000 m³/hr and 3,000 m³/hr capacity for TCI Sanmar in Egypt
- ✓ Several WLN pumps of 4,000 m³/hr and 200 m³/hr capacity for Chemanol - Jubail in Saudi Arabia
- ✓ Seven pumps of up to 840 m³/hr capacity with 160 kW / 4 pole motor supplied for GHCL Ltd., India
- ✓ Two MN pumps of 1,020 m³/hr capacity supplied for IFC in Srinagar, India
- ✓ Nineteen MN and WLN pumps of up to 1,680 m³/hr capacity with 355 kW / 6 pole motor for Sokoto State Water Supply in Nigeria
- ✓ Three WLN pumps of 600 m³/hr capacity with 132 kW / 4 pole motor supplied for Ispat Alloys Ltd.
- ✓ Several WLN pumps of up to 1,169 m³/hr capacity with 150 kW / 6 pole motor for APSIDC in India
- ✓ Six WLN pumps of up to 2,000 m³/hr capacity with 350 kW / 6 pole motor supplied for ITC Ltd.
- ✓ Two sets of three WLN pumps of 7,500 m³/hr capacity with 850 kW motor for DCM Shri Ram Ltd. in Rajasthan, India
- ✓ Two WLN pumps of 4,100 m³/hr capacity with 275 kW motor to Tecnimont SpA for IOCL Barauni, India
- ✓ Four WLN pumps of 6,000 m³/hr capacity with 1,040 kW motor to Rashtriya Chemicals and Fertilizers Ltd. Thal, India
- ✓ Five WLN pumps of 4,950 m³/hr capacity with 700 kW motor for RID Rayong Province in Thailand
- ✓ WLN pumps of 9,000 m³/hr capacity with 450 kW motor supplied for IOCL Paradip in Odisha, India
- ✓ Three MN pumps of 1,680 m³/hr capacity and 50.0 m head with 355 kW / 6 pole motor for Quintex Ltd (UK) for Sokoto State Water Board, Nigeria
- ✓ Nine WLN pumps of 5,328 m³/hr capacity and 159 m head with 3,000 kW motor supplied to HMWSSB in Hyderabad, India
- ✓ Four WLN pumps of 1,080 m³/hr capacity and 110 m head with 500 kW / 4 pole motor supplied to RID Thailand for Khon Kaen province
- ✓ Five MN pumps of 1,450 m³/hr capacity for Oriental Engineering, India
- ✓ Two WLN pumps of 1,440 m³/hr capacity and 85 m head with 500 kW / 4 pole motor supplied to RID Thailand for Chanthaburi province

Manufacturing of Horizontal Pumps

WPIL's world-class manufacturing infrastructure forms the backbone of the company's global operations. Combining advanced engineering, modern production technologies, and stringent quality systems, we deliver reliable, high-performance solutions at scale. Our vertically integrated operations ensure complete control over quality and delivery timelines. Supported by specialized foundries and advanced testing centers, our manufacturing ecosystem is built to serve diverse industries worldwide while driving innovation and efficiency.



Manufacturing Capabilities

- A dedicated facility of 68,000 m² floor space in Ghaziabad (near Delhi) for horizontal pump production
- A captive foundry in-house equipped to produce ferrous, non-ferrous, and other alloy steel castings, with two induction furnaces of crucible sizes 2 MT and 3 MT capacity
- Fully automated machining centers for large castings and impellers
- Dynamic balancing setups for rotating assemblies
- Specialized fabrication zones for steel welding

Engineering Capabilities

- In-house R&D center, recognized by the Ministry of Science & Technology, Govt. of India, is an innovation hub with seven decades of engineering excellence
- One of the largest pump testing labs in Asia, with the ability of test pumps up to 40,000 m³/hr capacity and 4 MW power
- State-of-the-art test facilities with SCADA and remote monitoring to test pumps up to 10,000 m³/hr capacity, 1.5 MW LT & HT power, and 230 kW VFD
- Online testing systems for real-time data, results, and process optimization
- Compliance with international quality standards through rigorous testing and certification

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