

# FIRE PUMPS

MANUFACTURED IN IRELAND



PUMP IRELAND LIMITED

A Subsidiary of Patterson Pump Company USA



**RELIABILITY AND  
EFFICIENCY AS  
STANDARD**



## ABOUT PATTERSON PUMP

- Over the last century, Patterson built a firm reputation for reliable pump installation worldwide - whether satisfying urban water and waste demands; harnessing and controlling ravaging floods; reclaiming arid deserts; taming rampaging and devastating fires; or protecting the planet's ecological balance.
- Patterson Pump Ireland's fire pumps stand over life and property throughout the world, ready to deliver water at the force and volume necessary for rapid fire suppression.
- Patterson Pump Ireland, supported by our parent company Patterson Pump Company USA, is the industry leader in the rapid delivery of world class fire pumps.
- Patterson Pump Ireland is a complete pump manufacturer with the engineering knowledge and experience to service the most demanding needs of a quickly evolving and highly competitive global market.
- We don't just sell pumps, it's who we are! Our reputation for reliability and quality of engineering coupled with our dedicated after sales care and service allows us to promise the best and guarantee results.

Patterson's 2-year warranty and dedicated approach to after sales service and support consistently surpasses industry standards.

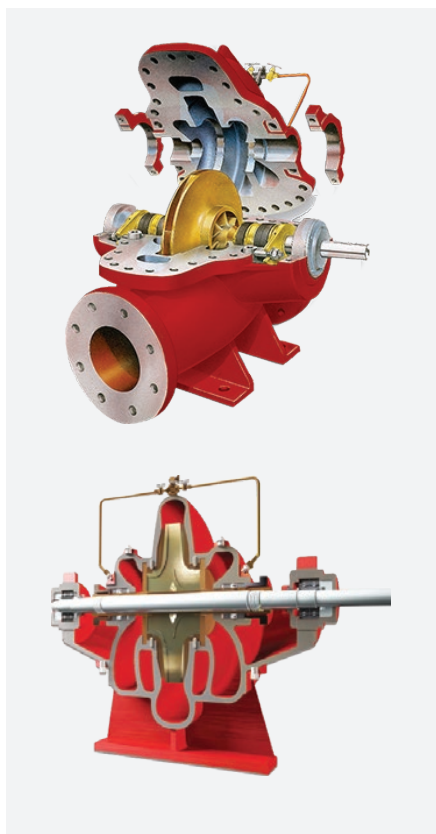
Patterson Pump Ireland is a multi-award-winning complete pump manufacturer servicing markets across the globe.

A combination of special materials and design ensures Patterson Pump Ireland can meet the most challenging applications in the global fire protection market.

Our broad customer base relies on us because they know we will do whatever it takes to meet their needs wherever and whenever they arise.

**That is why Patterson Pump Ireland is a multi-award-winning pump manufacturer with a reputation for efficiency, quality and reliability around the world.**





## FIRE PUMP

# HORIZONTAL SPLIT CASE (HSC)

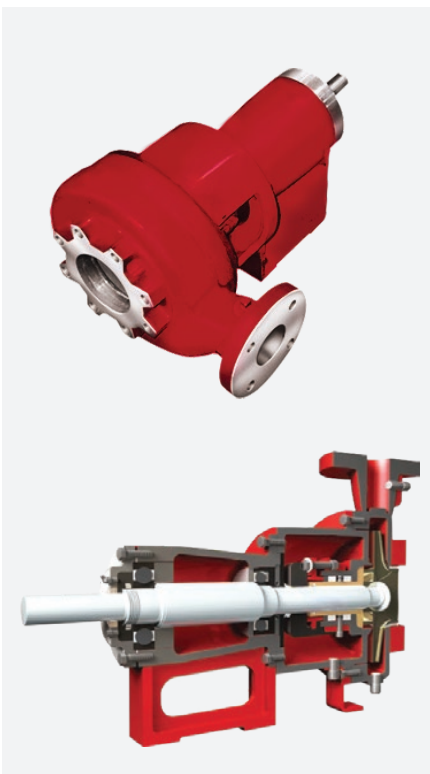
Available on demand. Rugged build. Efficient operation.

### Features

- These high-efficiency units operate with pressures in excess of 200m.
- Produce heads to 185m.
- Flows from 560 lpm to 26,000 lpm.

### Benefits

- Reliability.
- Energy efficiency.
- Simplicity of design ensures long unit life.
- Mechanical dependability.
- Minimal maintenance.



## FIRE PUMP

# END-SUCTION

Patterson Pump Ireland is expanding its frame mounted end suction pumps to the market. Engineered for lasting integrity. The rotating element can be removed without disturbing the suction or discharge piping.

### Features

- Pressure ratings from 28m to 140m.
- Flow rates from 560 lpm to 5,700 lpm.

### Benefits

- Ease of installation.
- Easily adapted to existing systems.
- Precision engineering.
- Reliability.



## FIRE PUMP

# VERTICAL TURBINE

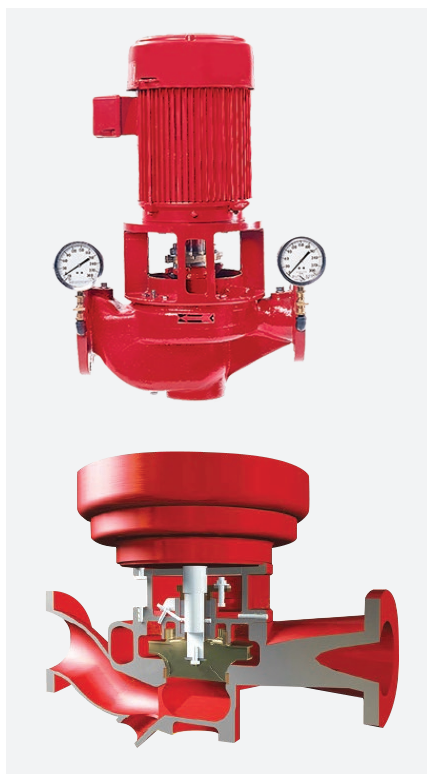
The Vertical Turbine Pump is the most versatile pump in Patterson Pump Ireland's arsenal. Employing the latest design concepts and engineering technology, these pumps are ideal for fire fighting.

### Features

- Provides flows without priming from 1,890 lpm to 18,900 lpm.
- Pressures in excess of 245m.
- Lengths and construction materials of Patterson's vertical turbine fire pumps are adaptable to the application

### Benefits

- Responsive fire suppression pumps.
- Reliability.
- Low maintenance cost.
- Minimum floor space is required.



## FIRE PUMP

# VERTICAL IN-LINE

Compact, self-contained design for easy adaptability to new or existing applications.

### Features

- Pressure ratings from 28m to 105m.
- Deliver flow ranges of 560 lpm to 3,800 lpm.
- Every pump has standard packaging and a two-piece gland for durability.

### Benefits

- Energy efficiency.
- Easily adaptable.
- Ease of installation into existing pipelines saving costs on expensive foundations or pads.



## Efficiency/Standards

No matter the pump type, size or system configuration, Patterson Pump Ireland offers a solution to meet your needs.

To achieve the highest efficiencies available from mechanical design, our engineers and sales team work closely with our customers and end-users to ensure optimum conditions and processes from manufacture to installation.

Whether your fire pump application requires a diesel engine, an electric motor or vertical or horizontal orientation these industry-approved pumps can be engineered to meet your specific needs.



**All Patterson Pump Ireland's fire pumps are engineered to meet or exceed all applicable codes and certifications, including ISO, UL, FM, NFPA, LPCB, CNBOP and EN12845.**



**Patterson Pump Ireland is a multi-award-winning pump manufacturer, our products are the result of years of engineering knowledge and experience.**



**Our entire range of pumps offer exceptional hydraulic performance.**





**Patterson's pump technology is the product of years of engineering and design experience allowing us to offer our customers some of the most efficient pumping solutions available.**

PROVIDING INDUSTRY LEADING PUMPS  
TO EUROPE FOR OVER 100 YEARS.



**EN12845**



 Patterson Pump Ireland, HQ  
 Distributors



## **PATTERSON PUMP DISTRIBUTORS**



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