

The logo for SPX, with 'SP' in dark grey and 'X' in green, followed by a registered trademark symbol.

**SPX**®

A green arrow icon pointing to the right.

**Where Ideas Meet Industry**



**SPX**  
WHERE IDEAS MEET INDUSTRY

## SPX Rail Systems UK

As part of SPX Hydraulic Technologies, SPX Rail Systems manufactures rail products for the UK and international markets, which include Hong Kong, China, Australia, Spain, Singapore and Ireland.

With a dedicated team of engineers they design point operating systems to meet the demands for the International Rail Operators for both Conventional and High Speed applications.

Based on technology that saw a safe leak proof valve being developed in the 1950's (in cooperation with British Rail), in the early 1960's a safety critical Hydraulic Power Pack was evolved for British Rail's new generation of Level Crossing Barriers.

Marylebone, London became one of the first stations to benefit from this technology in 1964.

Rail Systems success continued into the mid 1960's when a Hydraulic Power Pack was produced for the Clapham Junction Machine.

The company continued to develop and manufacture the Hydraulic Power Packs for both products until the 1990's when manufacturing of the Clamplock Mechanism began.

Having become part of the SPX family in 2001, Rail Systems has recently transferred to a bespoke manufacturing plant in Dagenham, Essex where designs of equipment can be tested using a full size switch layout. State of the art technology is used to allow simulation of actual conditions.

All manufacturing takes place at the Dagenham Plant by highly trained personnel to the ISO9001-2008 Quality Standard.

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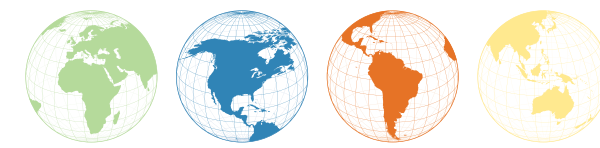
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## SPX - Where ideas meet industry

Founded in 1911 as an automotive components supplier, SPX Corporation today is a global, Fortune 500, multi-industry company manufacturing headquartered in Charlotte North Carolina and has employees in over 40 countries worldwide.

We provide products and services for multiple industries - food and beverage, transportation, automotive, power generation and distribution, gas and oil production, manufacturing, pharmaceutical and biotechnology, agriculture and others.

In fact, there is a good chance that SPX is touching your life right now. Turn on the lights or turn up the heat. Enjoy some yogurt or sip a can. Attend an athletic event or visit a theme park. Have your car repaired or watch a high-rise building being constructed. SPX components are integral to all these activities and many others.



### Where Industry Meets Ingenuity

SPX is much more than a multi-industry manufacturer, however. We are a place where innovation is valued and the real needs of business are understood.

We transform ideas into powerful solutions to help our customers meet their goals, overcome business challenges and thrive in a complex, always-changing marketplace.

### SPX Family of Companies

SPX Corporation is composed of numerous businesses that serve three primary end markets:

- Global infrastructure, with an emphasis on power, energy and transportation
- Diagnostic tools, primarily serving the vehicle service industry
- Process equipment, focused largely on food, beverage, dairy and other sanitary applications

SPX Rail systems are part of the SPX Hydraulic Technologies who are a global manufacturer of high pressure hydraulic cylinders, pumps, torque wrenches, work holding equipment. Product brands are Power Team, Stone, Hytac, Globe, and Rail Systems. Headquartered in Rockford, Illinois, global sales and manufacturing locations include The Netherlands, Shanghai, Singapore and the United Kingdom.

Visit the SPX Family [www.spx.com](http://www.spx.com)

## SPX Products

### Point Operating Equipment:

- Modular construction.
- Includes automatic lubrication.
- Condition monitoring to predict failures before they occur.
- Suitable for all gauges 1000mm to 1600mm.
- Can be installed on all rail sections.
- Mechanism can be supplied with Hydraulic or Electro-Mechanical drives.
- Supplementary drives for High Speed applications.
- Full system design, prototype, safety case submission, test, manufacture and technical support.



### Level Crossing Barriers:

- Standard equipment used in the UK.
- Boom lengths of 3.6m to 9.1m as standard longer lengths can be accommodated.
- Fail safe gravity lower.
- Range of operating voltages.
- Boom position controls included.
- Robust all steel construction.
- Full system design, prototype, safety case submission, test, manufacture and technical support can be provided.



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