

Join these companies using the Haskel IRCD system

The Haskel IRCD system is successfully used all over the world by most major operating companies on offshore installations where space, weight, reliability and ease of maintenance are all critical factors. When you buy from Haskel not only do you get a quality installation but advice on the IRCD and the ancillary equipment that can be so important in the successful operation of your chemical injection system.

From a company you can trust

For more than 60 years, Haskel has been providing low, medium and high pressure gas, hydraulic and fluid power equipment to the oil and gas industries, as well as companies involved in defence, aerospace, automotive, fluid power, power generation and processing industries.

We have accumulated a wealth of hydraulic and pneumatic engineering experience in the design and manufacture of a wide range of air-driven pumps, chemical injection pumps, gas boosters, air pressure amplifiers and accessories.

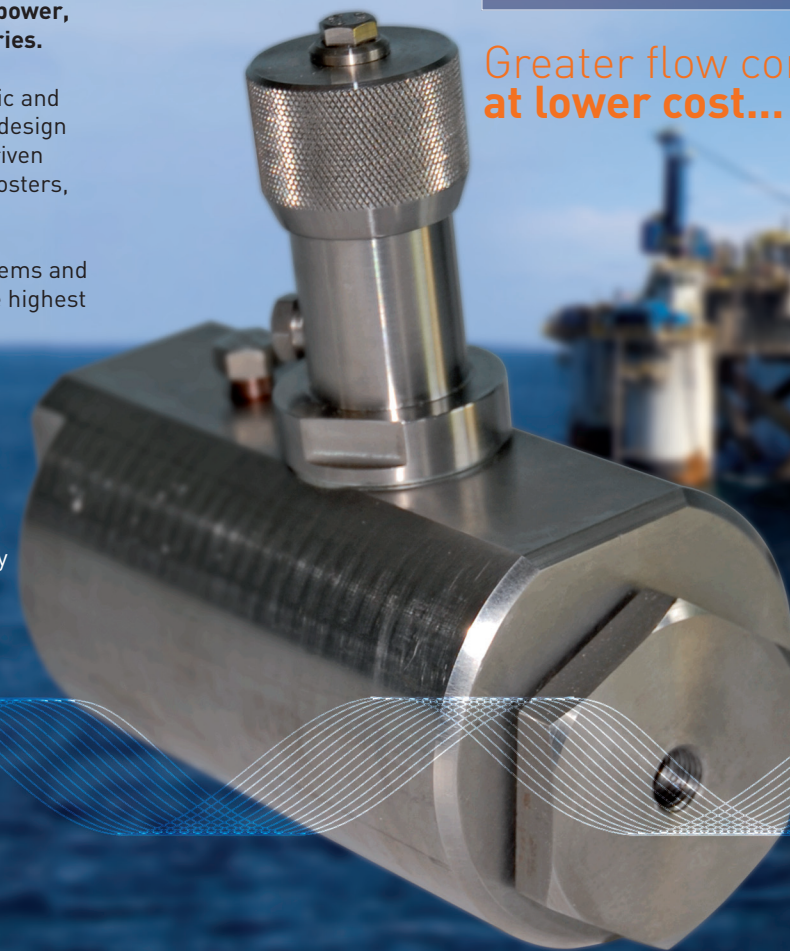
Our products are used in challenging systems and applications worldwide which demand the highest standards of performance and reliability.

That's why Haskel management and staff are committed to providing the highest possible level of service in meeting your needs.

Above all, thanks to continuous investment in the most modern machinery and technological advances, Haskel remains among the global leaders in the field of chemical injection.

The *NEW* Compact Haskel IRCD

Greater flow control at lower cost...



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A unique and revolutionary system

The New Haskel Compact IRCD or Injection Rate Control Device is a unique system for the multipoint injection of chemicals into oil and gas production systems.

It uses all ceramic and PEEK™ metering and regulating parts to overcome many of the problems usually associated with flow control valves, such as chemical adhesion. This technical advance together with new geometry metering valves gives even longer life and fewer blockages, all combined in one compact valve design.

This revolutionary design can handle flow rates from as low as 0.5 L/hr up to 320 L/hr (85 USGPH) with injection pressures up to 15,000psig and flow turndown of up to 50:1 (flows up to 6,000 L/hr can be achieved with larger models). The Haskel IRCD has no moving parts, needs no electric power and is completely silent during operation.

In addition, the Haskel IRCD only needs one high pressure feed line from either an air or electric-driven chemical injection pump, no matter how many injection points the system has. It can therefore be supplied as individual units or in a space-saving panel which can be fitted next to the point of injection.

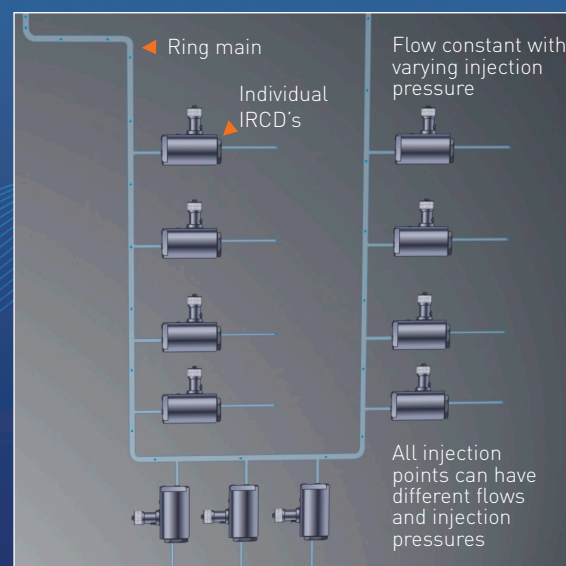


Saves on space, weight and costs

A typical multi-pump system has numerous pipe runs and a large skid preventing direct access to the pumps. This large number of pumps can require much higher maintenance costs and a larger and more expensive construction.

One of the major advantages of the Haskel IRCD system is that it only needs one operative air or electric-driven pump per chemical. This means that a Haskel IRCD system takes up just one third of the area and weight of a conventional pump set-up.

What's more, by using a biased dome regulator to maintain a constant differential pressure across the flow control valve, a constant flow is provided throughout the system, if the flow control valve isn't changed. This ensures that the fluid flow through the Haskel IRCD will only change if the flow control valve is adjusted.



Typical Haskel IRCD System

The benefits of the Haskel IRCD system

- No moving parts
- Can be supplied individually or in a panel configuration to meet your specification
- Saves on space and weight
- Ceramic contact parts last longer and need fewer spares
- 316 stainless steel body and perfluoroelastomer O rings minimise environmental and chemical attack
- Lower installation and maintenance costs
- Easier to add units to an existing system
- Fewer blockages thanks to new metering valve design
- Greater control at the point of injection
- Smoother flow for better chemical performance
- Can be serviced by Haskel-trained technicians wherever you are in the world
- Haskel has over 60 years experience of solving customers' liquid flow and pressure problems

TECHNICAL DATA

Flow rate: 0 to 320L/hr – 0 to 85 USGPH
Maximum operating pressure: 15,000psig

Turndown up to 50:1 and up to 500:1
by changing the metering valve module

Flows up to 6,000L/hr – 26.4 USGPM with other models