

Invotec



**Invotec** Innovative, Everyday mould shop extras

Our range of everyday mould shop extras designed to improve efficiency, improve quality and to take cost out.



# Descaling Pumps and Chemicals

Cycle time down?

Inconsistent moulding?

Have you checked your cooling channels?

Many moulds are running at very poor cooling efficiency without you even knowing it. Over months and years layers of lime scale, rust or other debris slowly reduce the bore size of your cooling channels, which can have a dramatic effect on the overall performance of each tool.

Invotec offer a range of descaling pumps and associated chemicals to correct this situation.

The Scalebreaker DG-C15/30 and DG-C15-AFR tank mounted pump is purpose-built to remove lime scale and



corrosion deposits from heating and cooling circuits.

They are compact, stable and very portable and can be carried by one man, enabling use in any workshop or plant room even when access is difficult. The DG-C15/30 and DG-C15-AFR are self-priming as soon as the specified minimum liquid level is available in the tank, but will not be damaged if it is run dry.

Suitable for use with all acids in common descaling use: hydrochloric, phosphoric, sulphamic, citric, formic and acetic acids. Also water-based alkaline cleansing solutions and chlorine solutions used for sterilization. For compatibility with other chemicals please call first.

## WHY BUY?

- ✓ High performance to enable descaling of severely fouled equipment
- ✓ Integral tank for safety and convenience
- ✓ Instantaneous flow reversing device
- ✓ Descaling chemicals safely contained at all times
- ✓ Self priming for ease and safety
- ✓ Compact and portable, yet extremely stable to use
- ✓ Maintenance-free
- ✓ No seals to leak
- ✓ Full range of complimentary Scalebreaker descaling chemicals available



For more information and full technical specification visit: [www.mouldteceextra.co.uk/everyday](http://www.mouldteceextra.co.uk/everyday)



## Barrel Cleaning Brushes



Heavy Duty cleaning brushes for fast efficient cleaning of plasticising barrels

Round Steel Wire Construction

\* Also stocked 900mm extension rods.



### TECHNICAL FEATURES

- Round Steel Wire Construction
- 900mm Extension rods available
- Stock sizes – 25 to 120mm

# OEM Style Flow Regulators



## WHY BUY?

- ✓ Quality OEM style water flow regulators
- ✓ Improved parts quality with precise water cooling
- ✓ Quick repeat settings
- ✓ Heavy duty construction for long life
- ✓ Easy mounting
- ✓ Temperature gauge as standard
- ✓ Flow tubes: Specialist polyamide (not polycarbonate)
- ✓ Flow tubes: Brass floats with adjustable reference rings
- ✓ Flow tubes: Measurement indicators moulded in (not printed)
- ✓ Flow tubes: Easy removal for cleaning

Invotec OEM style water flow regulators are the industry's choice for quality at unbeatable prices. This style of regulator can be fitted to almost any model of injection moulding machine. These water manifolds offer a great range of benefits which would normally cost a lot more.

Just look at the great range of features as standard with all our flow regulators. For a large range of Aluminium and Stainless Steel manifolds, Flowmeters and other great ideas visit our Smartflow section.

## TECHNICAL FEATURES

- Standard Range is delivered as a 8 lpm model but is also available with 6, 11 or 13 lpm
- Inlet/Outlet 3/4" BSPP with 3/8" BSPP female connection for outlets
- Large Range is delivered as a 10 lpm model but is also available with a 20 lpm option.
- Inlet/Outlet 3/4" BSPP fitted with 12mm hose tails.

## Hopper Magnets - Stainless Steel

Protect your screw, barrel and tooling by avoiding very costly repairs.

Our top quality stainless steel hopper magnets are a dual layer universal design with sizes to fit in the majority of material hoppers.

Hopper magnets greatly reduce the risk of foreign metal objects entering into the plasticising unit; compared to the very expensive damage such a situation can create, the installation of hopper magnets offers a very inexpensive means of protection.



## WHY BUY?

- ✓ Dual layer protection
- ✓ Universal for square or round hoppers
- ✓ Stainless Steel for corrosion resistance
- ✓ Prevent expensive equipment damage

# Barrel Insulation Jackets



## WHY BUY?

- ✓ Customers report savings from 25-40% in energy costs
- ✓ Offer greater protection for hot surfaces
- ✓ Tested with temperatures from 250°C-900°C
- ✓ Low purchase cost with high energy savings
- ✓ Quick payback for each jacket
- ✓ Easy to fit and removeable for maintenance
- ✓ Can improve mouldings consistency
- ✓ Greatly reduces heat loss into the environment
- ✓ Space for thermocouple and cable box as standard
- ✓ Can extend the life of heater bands

Significantly reduce your energy costs. Invotec Insulation Jackets offer employees greater protection from dangerous high temperatures.

Invotec barrel insulation jackets offer a relatively low capital outlay, with the added benefit of fast payback for many customers.



For more information and full technical specification visit:  
[www.mouldteceextra.co.uk/everyday](http://www.mouldteceextra.co.uk/everyday)

## Heater Bands - OEM Style

Invotec offers a bespoke service to source heater bands for your individual needs.

We don't make heater bands, but we do work with some of the most respected manufacturers in the industry, giving you choice of specification and price.

We also specialise in offering direct replacement equipment that in many cases is the same as your existing OEM equipment but of course always try to bring you the best value for money without compromising quality.

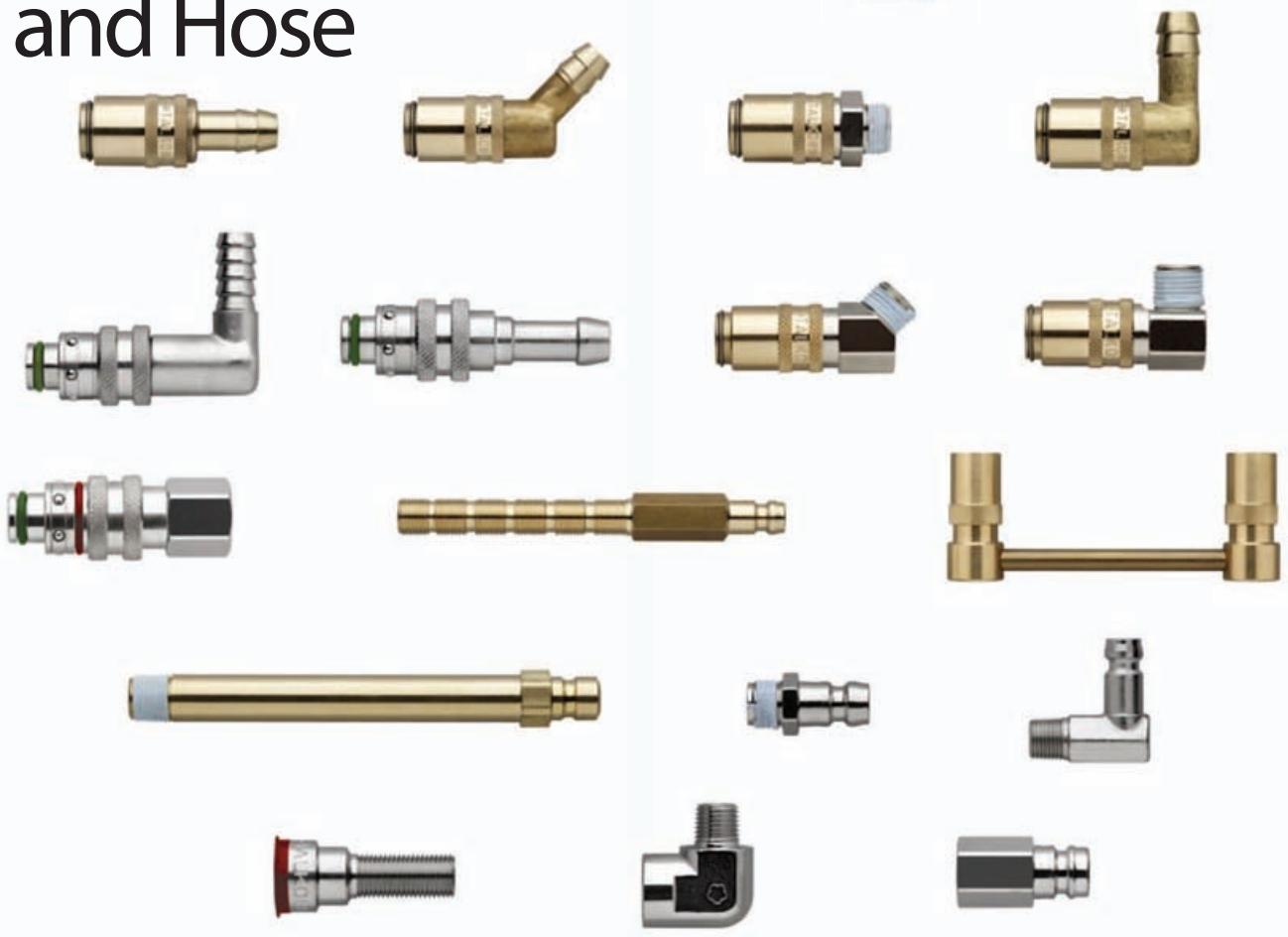
We can source direct replacements for Arburg, Krauss Maffei, Battenfeld and many more types of machine.



# Water Fittings and Hose



For more information and full technical specification visit:  
[www.mouldteceextra.co.uk/everyday](http://www.mouldteceextra.co.uk/everyday)



Our high quality water fittings are used extensively throughout the moulding industry and cover most options required for many cooling channel configurations.

- Series 200,300 & 500 interchangeable with DME, brass body construction, stainless steel internals with viton seals as standard
- Series 9,9 & 13 interchangeable with Hasco, brass body construction, stainless steel internals with viton seals as standard
- Series 8 & 12 interchangeable with RPL Type, brass nickel plated body construction, stainless steel internals, 6 bearing locking with nitrile seals as standard (optional viton seals)
- Also a large range of Norgren ball valves, hose tails and plugs.

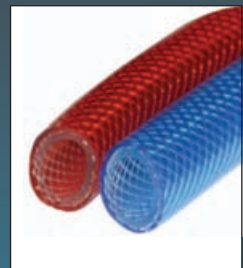
Invotec sell a range of superior quality hose for most cooling and heating applications:

- Everyday PVC re-enforced water hose 60 degrees, 1/4 to 1" (some sizes also available in red or blue).
- Superior quality nylon re-enforced water Hose to 15 Bar pressure (NOT to be confused with standard PVC braided hose). Unlike cheaper alternatives this hose can handle



temperatures to 60°C and pressures up to 15Bar.

- An advanced EPDM rubber hose to 140°C temperature rating manufactured from white, antistatic, smooth EPM Nitrosamine free



rubber compound, resistant to heat, hot water, water vapour and reinforcement of synthetic textile yarns. Resistant to abrasion, ozone, heat, and weather. The cover is pinpricked to prevent blistering and bubbling.



# Ambersil Moulding Sprays and Lubricants

Over 50 years ago Ambersil began manufacturing British products developed to meet the most demanding standards of British Plastics Manufacturers.

Instrumental in the introduction and adaptation of the aerosol as a delivery system for mould release agents, Ambersil remains at the forefront of aerosol and release agent technology today, setting the standard on performance, reliability and technical competence.

Invotec supply a large range of commonly used mould shop and



workshop release sprays and lubricants including:

- Silicone sprays
- Non-Silicone sprays
- Mould protectives
- Ejector pin lubricants
- Cleaning sprays
- Workshop lubricants

## Temperature Measurement

Invotec supply a range of hand held thermometers and probes to suit most general purpose applications.

The highest quality instruments with many products from stock at great prices.

- Single and dual input thermometers
- High accuracy thermometers
- Thermometers with combined infrared measuring probes
- Single and dual point laser infrared thermometer
- A large range of measuring probes
- Also available digital microscopes and endoscopes.



**For more information contact your local distributor**

Affix distributor stamp here.

Discover us at:  
[www.invotecsolutions.co.uk](http://www.invotecsolutions.co.uk)  
 or shop online at:  
[www.mouldteceextra.co.uk](http://www.mouldteceextra.co.uk)

**In the event there are no distributor details above, please contact:**

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