

**Bemasan Limited**

**Welcomes**

All attendees

to

the Design in Brass seminar

# Agenda

- Bemasan Limited
- Rotary Transfer Machines
- The Future

# Bemasan Limited

An overview

# Statistics

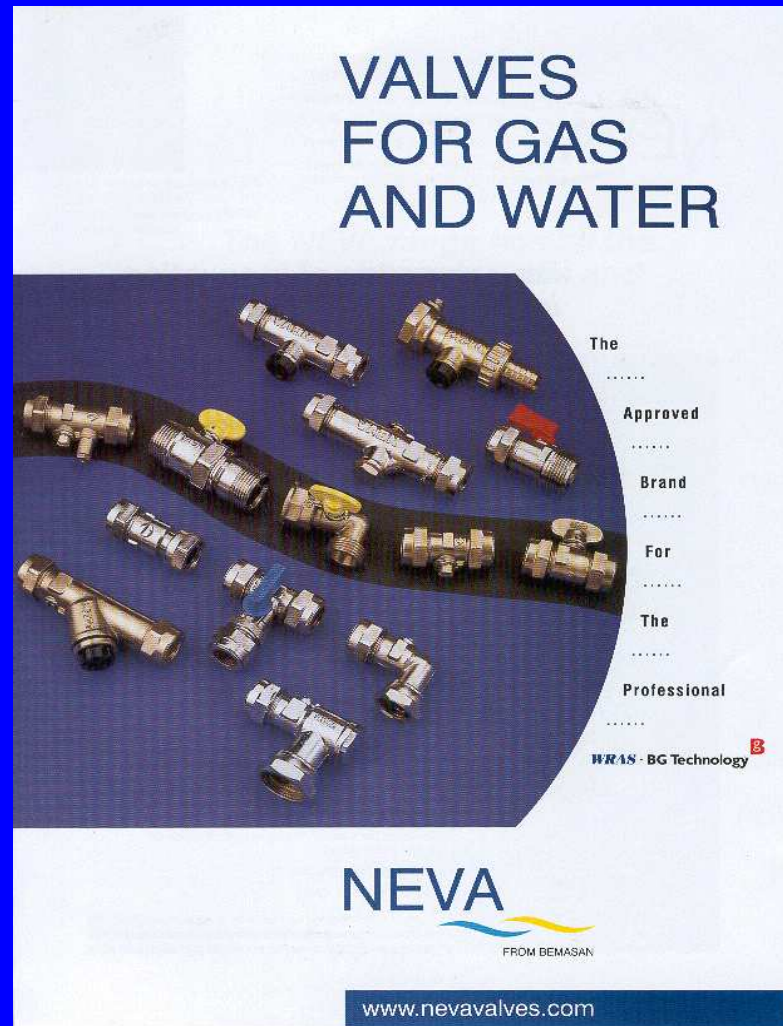
- Founded in 1971
- Private Limited Company
- ISO 9000 accredited
- 30 Employees (2 Directors)
- Turnover £2.5M
- Output 2.5M fittings per year

# Factory

- 10 000 square feet/1 100 square metres
- 2 Riello rotary transfer machines
- 4 Adamatt rotary transfer machines
- 1 Mecwash industrial washing machine
- 10 assembly and test stations
- 1 cap and ringing machine

# Product Range

Brass valves  
and fittings  
for gas, oil  
and water  
applications

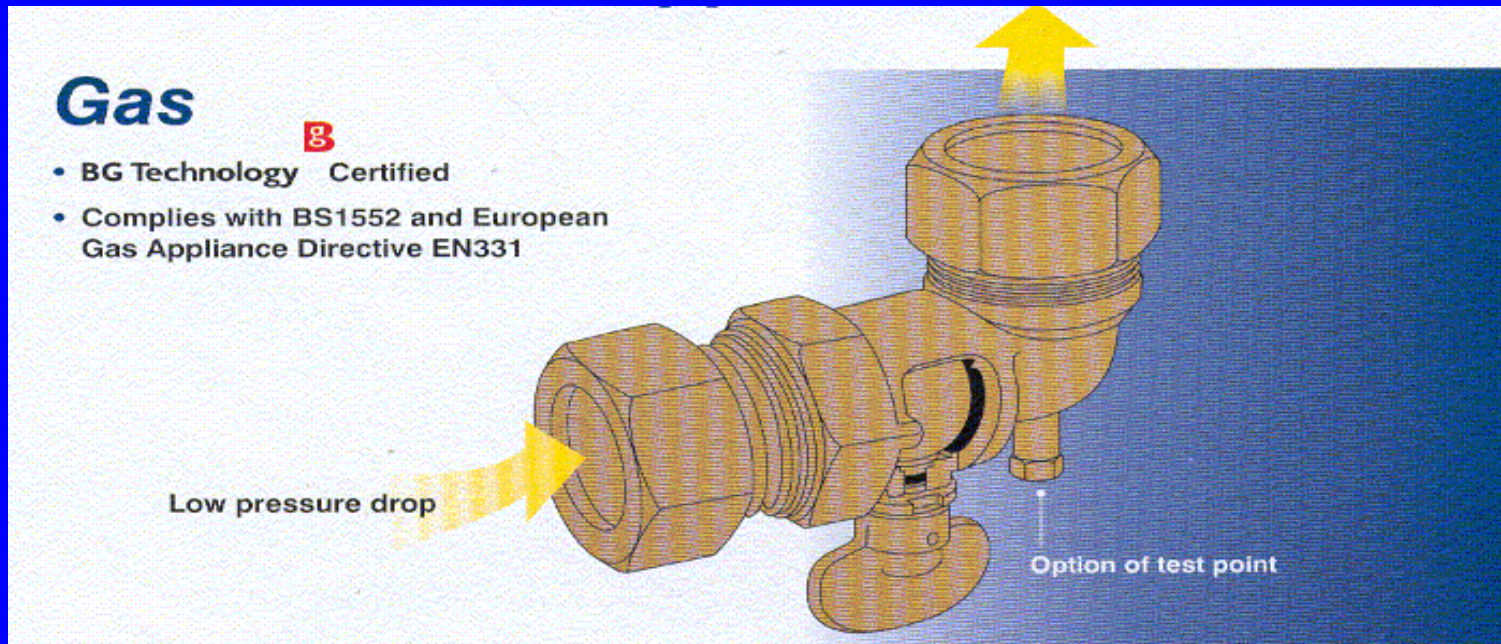


Gas valves  
listed by  
British Gas  
Technology

Water valves  
listed by  
WRAS

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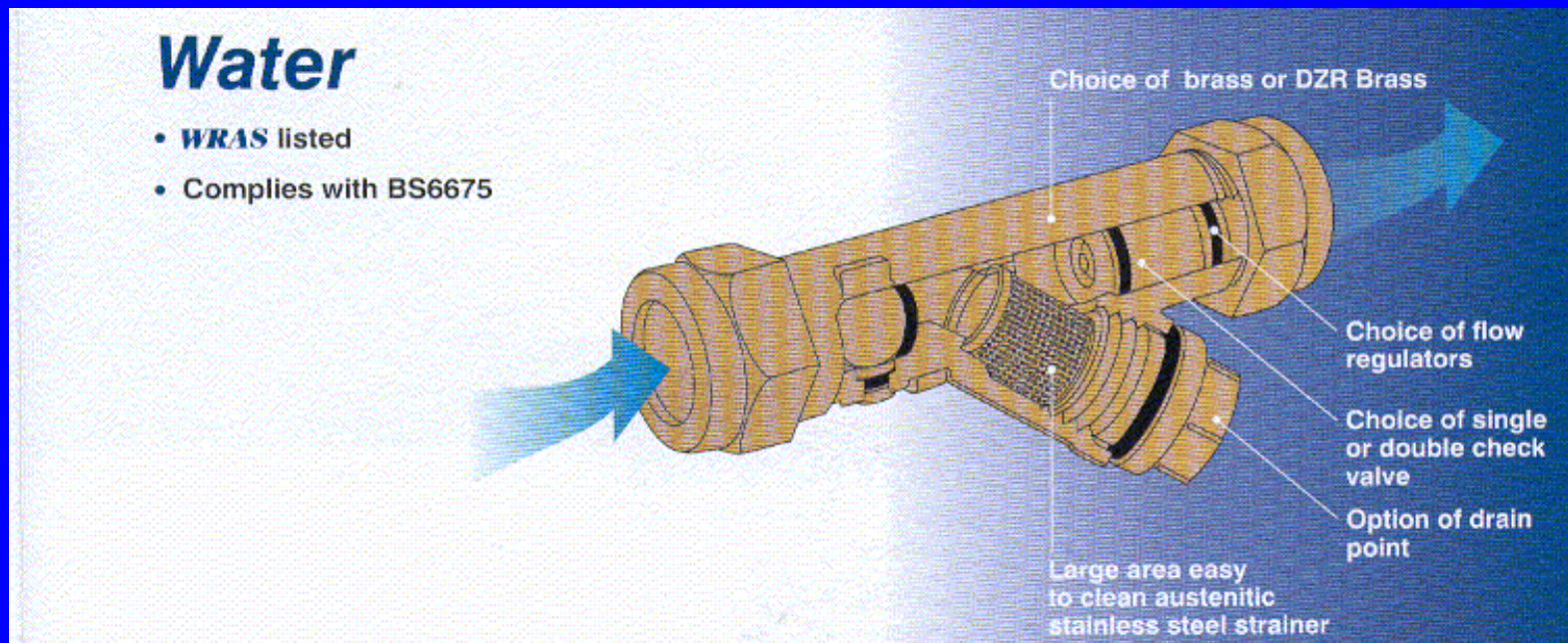
# The NEVA range has all the solutions for your gas applications



*The configuration of any valve can be designed to suit any specification. Many options are already available either from stock or on short lead times.*

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# The NEVA range has all the solutions for your water applications



*The configuration of any valve can be designed to suit any specification. Many options are already available either from stock or on short lead times.*

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# Market segments served

- OEM domestic heating appliance
- OEM bathroom fittings
- OEM irrigation, fire prevention
- OEM burners, pressure regulators, LPG
- Distributors and merchants in building and plumbing

# Our niche

- Providing bespoke solutions to OEM:  
quality assured, economic and on-time
- Based in UK we offer stocking facilities  
and KANBAN style deliveries often in  
reusable packaging

# Our mission

To be the one-stop shop for brass fittings  
supplied to OEM serving the domestic  
heating and plumbing market

# Environmental Policy

Our policy is to design product that has long life and is ultimately recyclable.

When making products we will use processes that use energy economically.

When we need to use chemicals during manufacture we will, where practical and economic to do so, use water based product or product that minimises any harmful effect to both people and the environment.

We will at all times seek to minimise waste.

# Transfer Machines

## Machining example Elbow

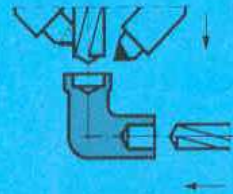
Material: steel

Time per piece: 12 secs.

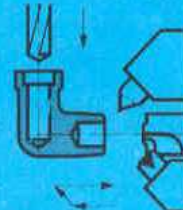
Maschine: TURMAT 56/62 R 4



Station 1  
loading and  
unloading



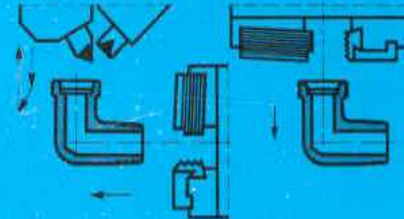
Station 2



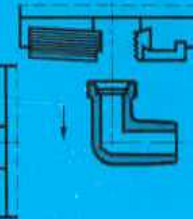
Station 3



Station 4



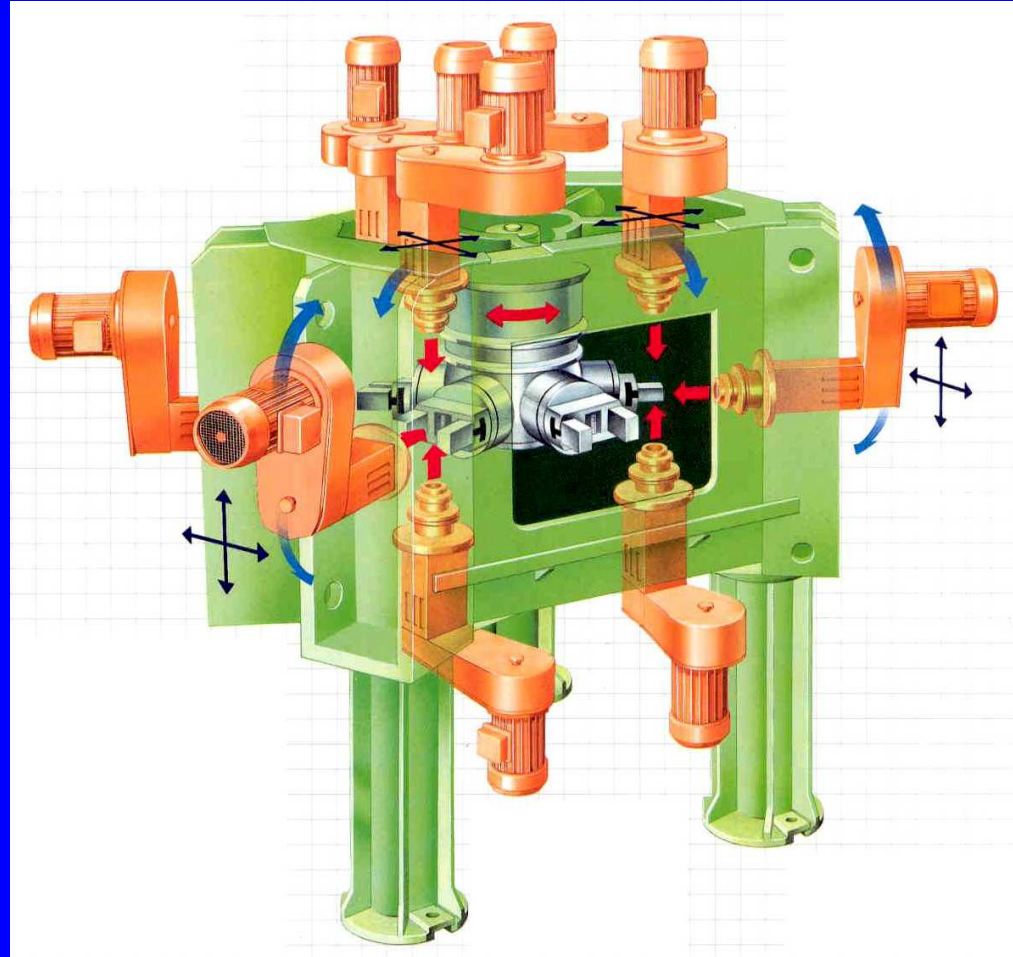
Station 5



Station 6

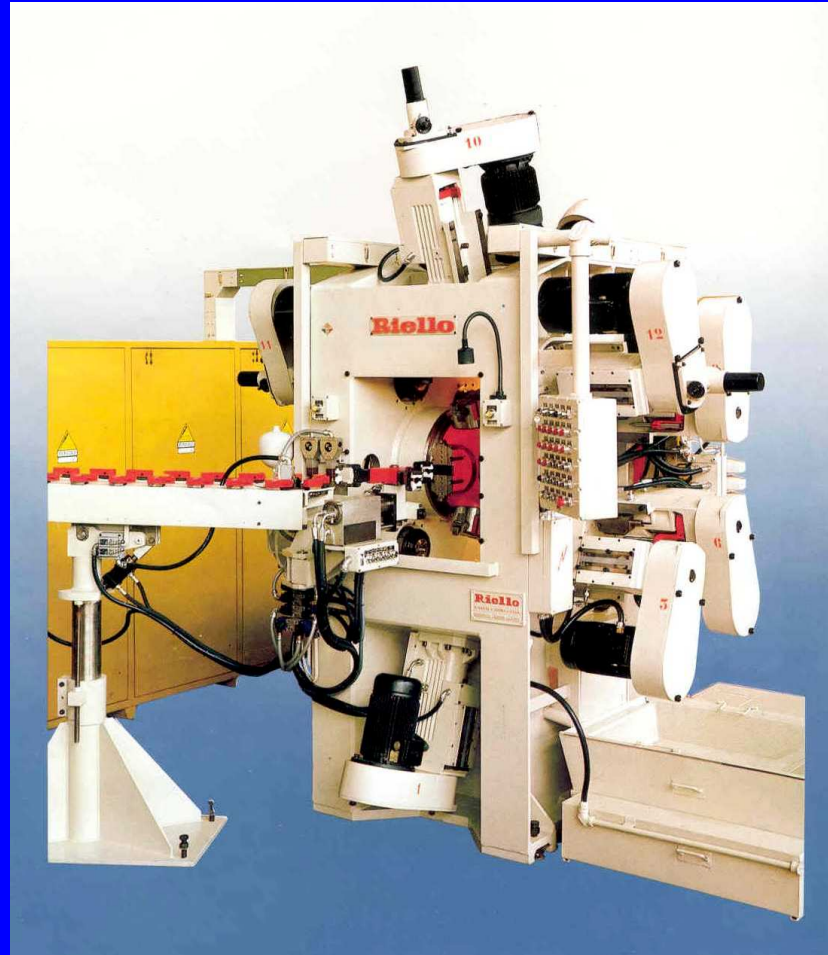
*The ability to perform a number of operations on different axis with minimal handling of the component*

# Transfer Machines



*A schematic of a horizontal rotary transfer machine*

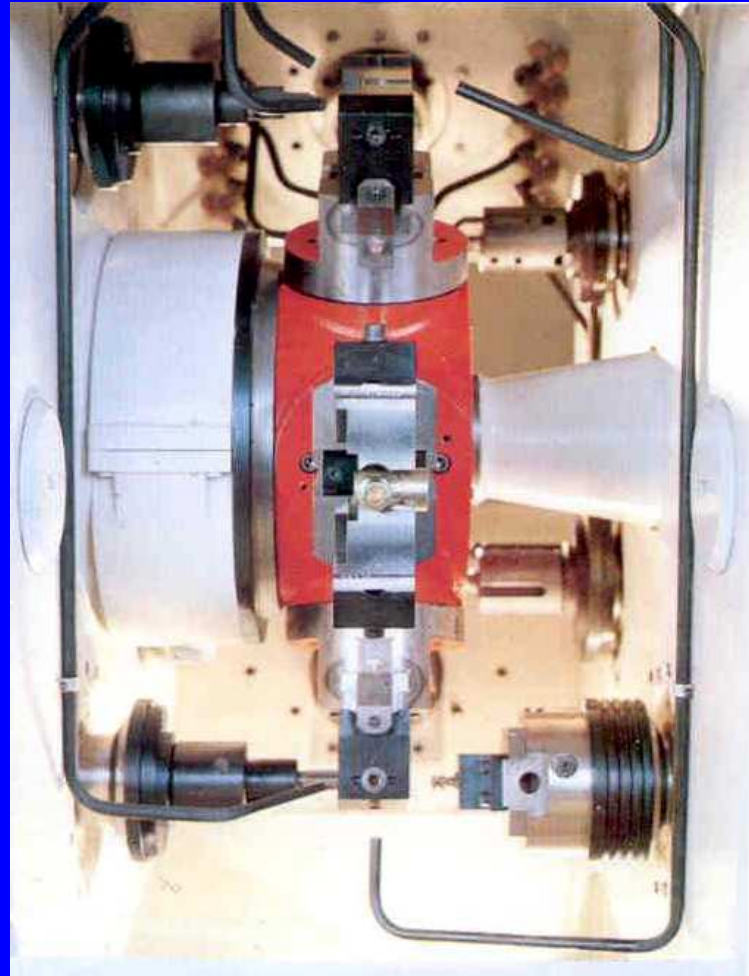
# Transfer Machines



*A vertical rotary transfer machine by Riello*

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# Transfer Machines



*A view of the jaws and heads*

# The future

- Already purchased CAD and training is underway
- Expect to design stampings on CAD and e-mail to suppliers
- Expect stampers to use CAD file to design and make dies
- Expect to design in-house tooling from CAD generated machining drawing
- Ability to pass CAD file to OEM for inclusion in their assembly layouts