

TRAVIN'S FREE AND FRIENDLY ADVICE SERVICE

Not only can you come to us for free advice, but our friendly sales and service engineers will be pleased to advise you on the right machine for the job, including any accessories that may be advantageous to you. Our service does not stop once you have bought the equipment. We offer an after-sales service that few of our competitors can beat. In the unlikely event of there being any problems, we are but a telephone call away.

Raw materials advice service

We offer a list of supplies of thermo plastic moulding materials, most of whom give immediate ex-stock delivery at competitive prices.

Polypropylene, PVC, Polystyrene, Nylon, Polyethylene, etc - whatever you need, they can normally supply it quickly and inexpensively, whether you purchase by the 25kg or the tonne.

TRAVINS MOULD MANUFACTURING SERVICE

We shall be pleased to quote you on the complete design and manufacture of moulds, or advise you on all aspects of injection moulding. Should you intend making your own moulds, we would be pleased to examine and evaluate the feasibility of your designs and advice and recommendations offered. The moulds may be made of mild steel or tool steel and can be used in a hardened or unhardened condition. Unhardened steel will give a reasonably good result required moulds just send in a drawing, prototype or sample of the component you wish to manufacture.

MOULD BLANKS

For those who wish to manufacture their own moulds, we can offer two types of standard mould blanks -

T1 for ejection through cavities

T2 for plate ejection

These are made from mild steel and can be used soft or case-hardened or alternatively machined to take hardened inserts.

MACHINE SPARES & OPTIONAL EXTRAS

All spares, optional extras and mould blanks for both machines are usually kept in stock. Thermo couple heat controllers can be fitted from new or to a used machine. TP2 can be converted to a TP1, (by replacing the top half of the machine)

Manufacturers of PLASTIC INJECTION MOULDING MACHINES, PLASTIC MOULDERS AND MOULD MAKERS

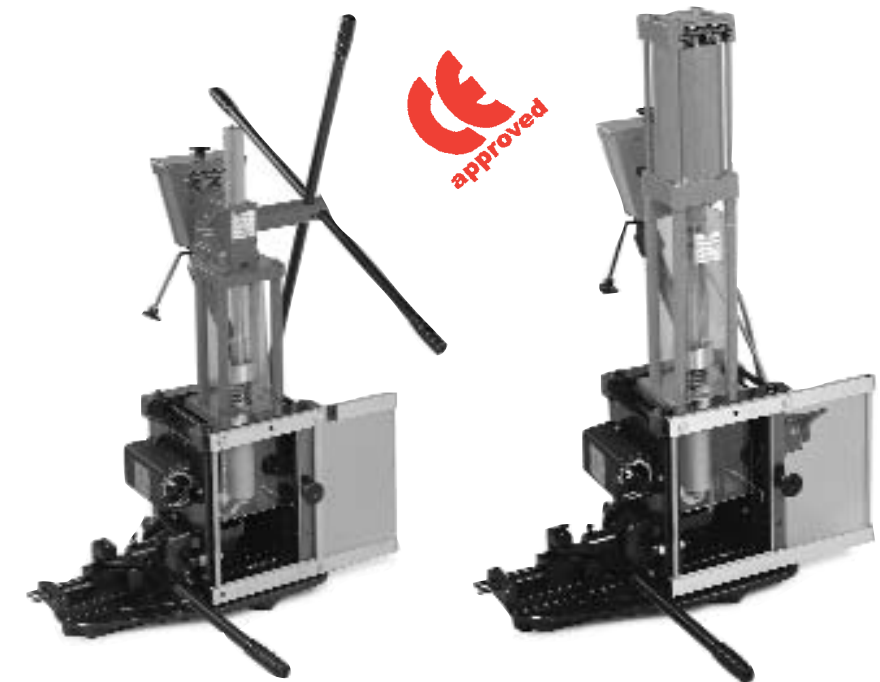
TRAVIN

Plastic Injection Moulding Machines

Travin has been designing and manufacturing Bench Mounted Plastic Injection Moulding Machines for over 30 years.

With each update in design close attention is paid to maintaining the simplicity of the machines.

Potential clients are encouraged to visit the premises where an inspection of the factory with the state of the art machinery will instill the trust and confidence in placing projects in the capable hands of Travin



First choice in Bench mounted moulding machines

TRAVIN

SHEDDINGDEAN INDUSTRIAL ESTATE

MARCHANTS WAY, BURGESS HILL

WEST SUSSEX, RH15 8QY ENGLAND

TEL: 01444 241429

FAX: 01444 242929

www.travin.co.uk

email. kbw@travin.fsnet.co.uk



TP1 Air Operated Injection & TP2 Hand Operated Injection

ADVANTAGES

Easy and simple to operate. It enables one man to set simple and inexpensive tooling. Running costs and maintenance are low. It has a double ejection system. It will operate from a standard 80psi. air line. (TP1)

GENERAL INFORMATION

The adjustable quick-action vice was designed for fast and effective production. One movement of the vice handle opens the vice and ejects the mouldings by a cam (or for the longer mouldings, by two side ejectors, fitted in the upright pillars). The top half of the machine is on slides to accommodate different mould widths. The machines are fitted with a guard, interlocks with the Injection mechanism

SPECIFICATIONS

- 21 Gram shot weight (18cm Capacity)
- Nickel Plated barrel.
- Voltage 230/240 or 110 volts.
- Temperature: Energy regulator control with reference dial (standard)
- Heater Capacity: 600 watts
- 4"dia x 6" Stroke Air Cylinder (TP1)
- 6" Stroke (TP2)
- 6" Vice opening maximum
- Platens: 4" x 3"
- Mould opening: 2"
- Mould can be bolted or floating in machine
- Clamping pressure 4.5 ton approx via toggle system
- 25 mm ID barrel offering internal sprung loaded non return valve with plasticising spreader
- 25 mm OD fully hardened nickel plated plunger
- Machine dimensions:
Base 12" x 18"
TP1 Height 29"
TP2 Height 36"



The TP2 hand operated machine still offers all the same advantages as the TP1 with the exception of the Air operated injection unit. The TP2 injects via the manually operated star wheel through a rack & pinion gear-box. This machine will produce the same high quality mouldings as the TP1

ADVANTAGES OF THE QUICK ACTION VICE

The quick action vice fitted as standard turns both TP1 & TP2 into a high volume production machine whilst still retaining the simplicity for running expensive moulds ideal for education, laborites prototypes or low volume runs.

If you require to run more complex moulds like our picture shows with multi cavities and sliding cores the quick action vice makes easy work for the operator and greatly improves production.

