

TRAVIN

Sheddingdean Industrial Estate

Marchants Way, Burgess Hill,

West Sussex, RH15 8QY, England.

Telephone Burgess Hill (01444) 241429

Fax: (01444) 242929 International Code: +44 - 1444

Dear Sir / Madam

Further to your enquiry we have pleasure in enclosing details of our range of plastic injection moulding machines.....

As you will find we manufacture a hand and air version of these bench machines.

We also have our own in house tool room where we manufacture Moulds to suit these machines as well as moulds to run in our fully automated moulding shop.

If you would like to visit us here at Travin we can demonstrate a TP1 machine .

Yours Faithfully

Kevin.B.Webb (UK Sales)

www.travin.co.uk

email : travinproducts@btconnect.com

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

KEVIN.B.WEBB BRIAN WEBB PAM WEBB

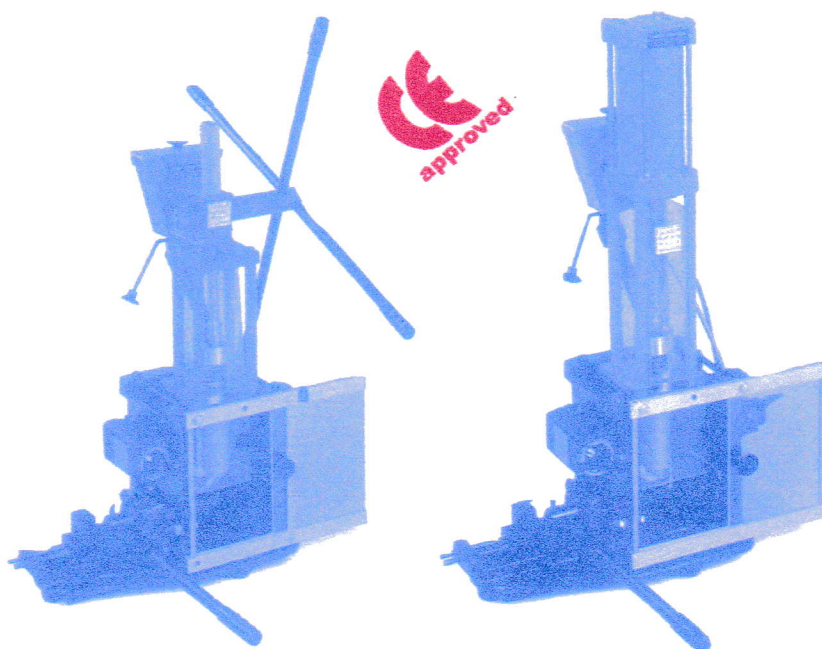
TRAVIN

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



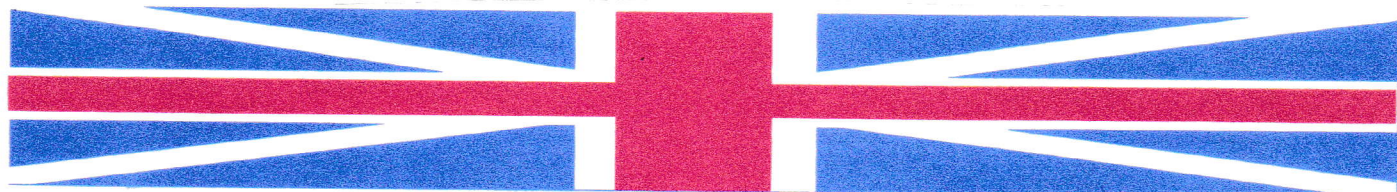
First choice in Bench mounted moulding machines

TRAVIN
SHEDDINGDEAN INDUSTRIAL ESTATE
MARCHANTS WAY, BURGESS HILL
WEST SUSSEX, RH15 8QY ENGLAND

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TP1 Air Operated Injection &

ADVANTAGES

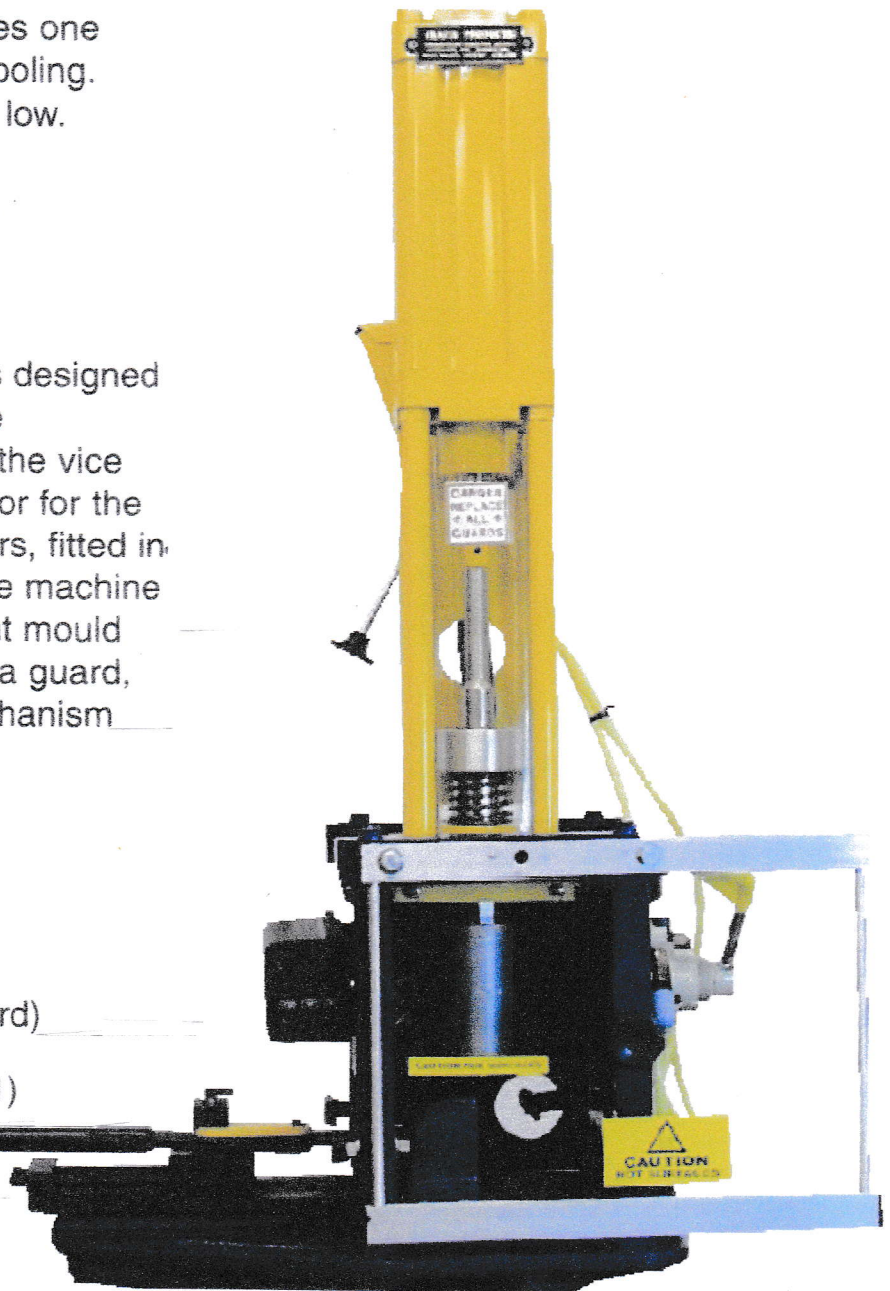
Easy and simple to operate. It enables one man to set simple and inexpensive tooling. Running costs and maintenance are low. It has a double ejection system. It will operate from a standard 80psi. air line. (TP1)

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 ejecters, 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, that 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"



TP2 Hand Operated Injection



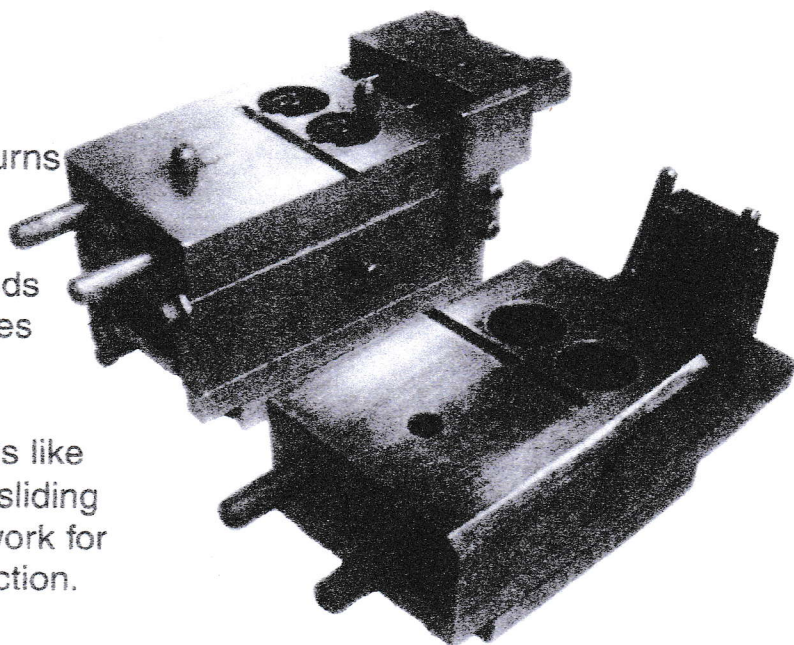
The TP2 hand operated machine still offers all the same advantages as the TP1 with the exception of the Air operated injection unit.

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, laboratories, 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.



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 depending on quantity to be moulded. For a quotation and specification on your 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

What can these machine make ?

Products

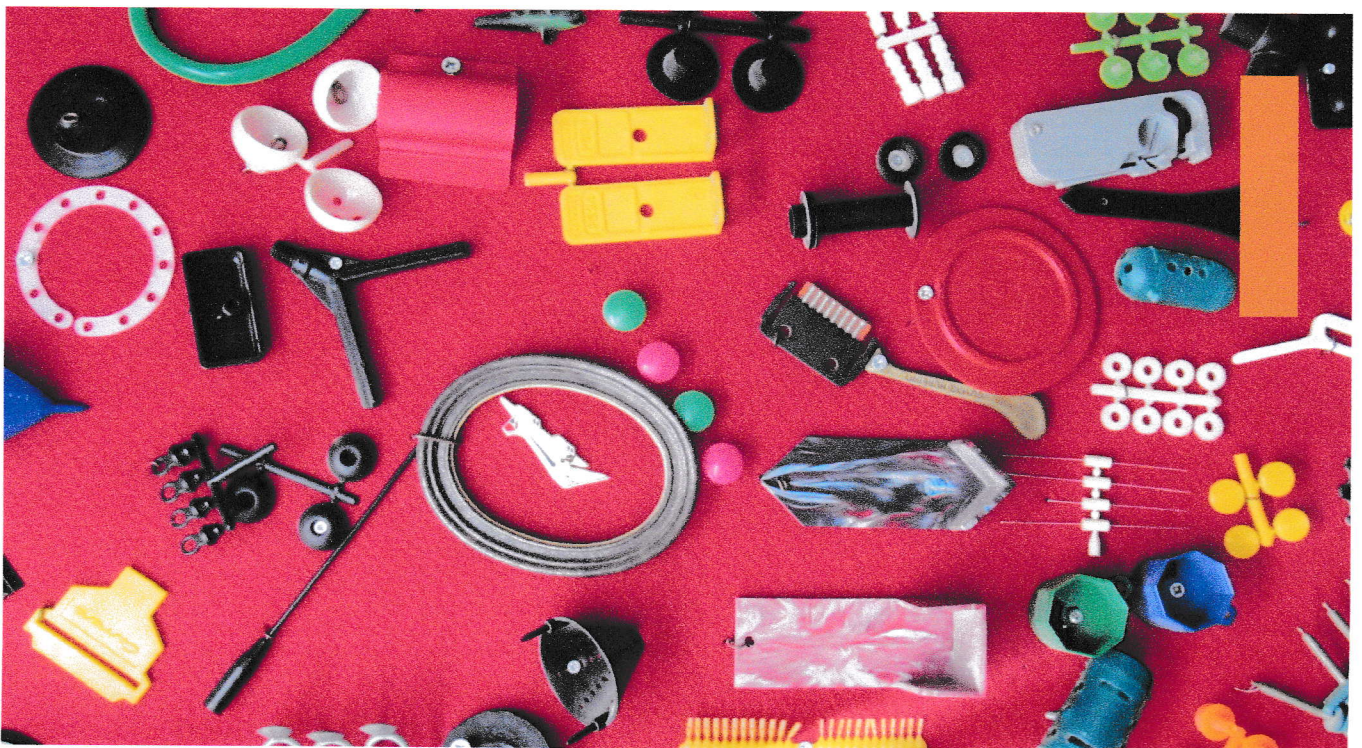
Both machines will produce the same size, weight & quality parts, such as small boxes, handles, knobs, fixings, key fobs security, promotional, marine parts, leisure goods, fishing parts, electrical parts, over mouldings, cable ends & strain reliefs, pump parts model parts, games filters etc etc

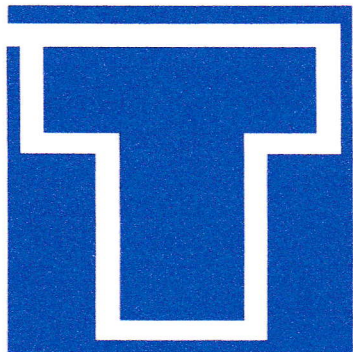
Size

It does depend on wall thickness, shape and component weight, However, 125mm long x 50mm deep x 60mm high

Weight

21g is the maximum shot weight in an average plastic such as polystyrene, However more viscous (higher flowing) materials such as rubbers and polypropylenes etc would be as much as 31g subject to shape and wall thickness again





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Email: travinproducts@btconnect.com

PRICE LIST

BENCH MACHINES	Price	Net Weight	Crated Weight
TPI Air Operated Injection	£2750.00	37 Kilos	54 Kilos
TP2 Hand Operated	£2100.00	38 Kilos	55 Kilos

Packing and carriage on each machine (U.K. Mainland only) £60.00

ACCESSORIES

	Price
Thermocoupler Control with Dial Display	£330.00
Thermocoupler Control with Digital Display	£540.00
Additional Plasticising Barrel	£390.00
Mould Blanks	£380.00
Mould Heat Controller	£190.00
Standard Spares Spares Pack	£175.00



All the above prices are plus VAT at the current rate
We export anywhere in the world

YOUR CONTACTS ARE:

KEVIN WEBB

SALES UK

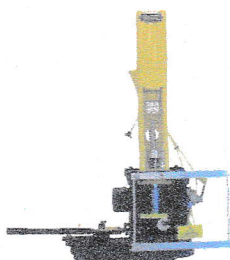
TEL : 01444 241429

FAX : 01444 242929

International code +44. 1444

All bench machines and accessories are payment with order or on collection.

PRICES EFFECTIVE FROM 1st July 2014 .All prices subject to fluctuation without notice.



TRAVIN TP SPARES LIST 2016

Tel 01444 241429

fax 01444 242929

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NOZZLE.....	£120
DIAL HEAT CONTROL.....only.....	£180
DIAL HEAT CONTROL Fitted.....	£330
DIGITAL HEAT CONTROL Fitted.....	£540
THERMO COUPLE LEAD.....	£40
SUNVIC HEAT CONTROL.....only.....	£73
HAND TO AIR CONVERSION Fitted.....	£1475
HAND TO AIR CONVERSION Supplied.....	£1200
PLASTICISING BARREL.....	£390
PLUNGER.....(MK1 with 3/8" boss fitted before February 2016).....	£105
PLUNGER.... (MK11 with thread fitted after February 2016).....	£105
NOZZLE RETURN SPRING.....	£16
COPPER SEAL.....	£24
NOZZLE VALVE.....	£46
HEATER BAND.....	£60
TP2 RACK.....not to be sold separate.....	£NA
TP2 GEAR.....not to be sold separate.....	£NA
MOULD BLANK.....	£380
AIR VALVE 200-4H-8A-BSP only (fitted after August 2010).....	£180
AIR VALVE 200-4H-8A-BSP full conversion.....	£245
AIR VALVE M805-187 (fitted before August 2010).....	£discontinued
COMPLETE SET OF VICE PINS.....	£90
BARREL RETURN SPRING.....	£30
PRESSURE REGULATOR.....	£80
AIR PRESSURE GAUGE.....	£60
AIR SILENCER.....	£22
HOPPER FEED UNIT.....	£75
MOULD HEAT CONTROL (Sunvic type).....	£190
COMPLETE CIRCLIP SET.....	£28
SPARES PACK (refer to manual).....	£175
INSTRUCTION MANUAL.....	£40
AIR SEAL KIT.....	£180
SPREADER.....	£44
VICE SLIDE.....	£220
EARTH LEAD.....	£20
THERMO-COUPLE SLEEVE.....	£18
VICE HANDLE COMPLETE.....	£130

Made in Great Britain

Made in Great Britain

Made in Great Britain

TRAVIN IN HOUSE TOOL ROOM OFFER

Here at Travin we manufacture to a very high standard & are in the process of increasing capacity to produce moulds and can offer extremely competitive prices & would welcome the opportunity to quote on any new products

Mould to Production

Running a plastic injection moulding machine manufacturing factory alongside a fully equipped plastic injection moulding shop producing large and low volume precision plastic parts, as well as making moulds all under the same roof ensures the quality and overall accuracy of our machines

Having done this as a company for over 35 years we have obtained the knowledge and expertise to build and constantly refine our machines . Although our objective has been to maintain the machines simplicity we have not neglected the demand for a precise and accurate machine to produce high quality and accurate mouldings

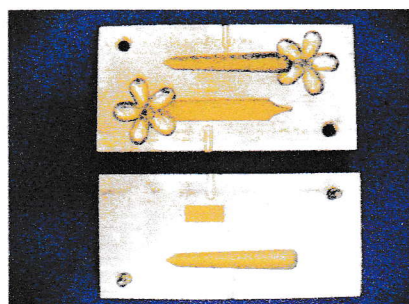
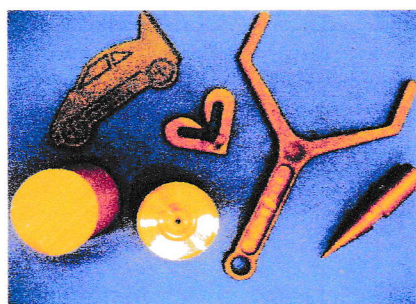
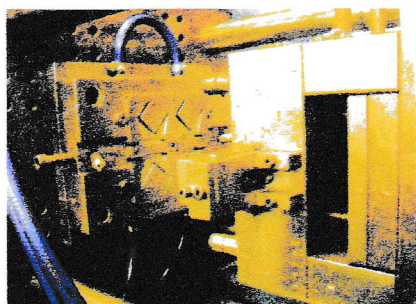
Our After sale service is second to none, we are only a phone call away for advise and recommendations for both the machine and plastics .

We can manufacture a mould to your design and supply a mould and machine as a complete working packageReady to Go !

We do our best to look after our environment and as well as producing parts from highly specified plastics , Where suited we can produce quality parts from reprocessed / recycled materials. We also keep our waste plastic to a minimum thus reducing our carbon footprint. But without compromising our quality,

TRAVIN

**HIGH QUALITY INJECTION
MOULDINGS AND MOULDS**



QUALITY IS OUR AIM
PRECISION MOULDINGS AND
MOULD TOOL MANUFACTURE

WWW.TRAVIN.CO.UK TEL: 01444 241429

SHEDDINGDEAN INDUSTRIAL ESTATE, MARCHANTS WAY,
BURGESS HILL, WEST SUSSEX, RH15 8QY

FAX: 01444 242929 EMAIL: TRAVINPRODUCTS@BTCONNECT.COM

TRAVIN QUALITY STATEMENT

We adhere to a strict quality control regime and believe one of the best answers to customer satisfaction is through quality and reliability.

Our entire team here at Travin have many years' experience within their field of work and are fully trained and kept up to date with new technology and plastics innovations as well as the latest technological advancements to assist with production.

Following completion of the mould, samples are produced and are quality checked against drawings and/or prototypes for quality and accuracy which are then submitted for customer approval.

Upon full production, mouldings are repeatedly checked against drawings and/or "go-no-go" gauges as to ensure quality and accuracy.

Our computerised database holds comprehensive data records for each job. Fully detailed setting sheets containing machine and mould settings are kept as to ensure accuracy and consistency throughout production runs.

All machine, measuring and machining equipment are checked periodically using set aside measuring equipment/gauges, all of which hold a certificate of conformity and are set aside solely for this purpose and are also periodically tested for accuracy.

We are a family run business and hold many years' experience in the prototyping stages of an idea as well as the production of plastic moulded products, high or low volume.

We also manufacture Plastic Injection Moulding Machines and feel that over the years of doing so we have obtained a specialist knowledge of the moulding process and are 100% confident we can supply the mouldings to accommodate full customer satisfaction.

WELCOME TO TRAVIN PLASTIC MOULDINGS

At TRAVIN, we manufacture quality plastic moulds and mouldings. We have our own in house tool room producing moulds which run in our own fully automatic modern moulding shop supplying a vast range of companies worldwide for over 35 years.

We have also been designing and manufacturing Bench Mounted Plastic Injection Moulding Machines for 35 years. Although constantly updating and improving them our aim is to maintain their simplicity and we can produce moulds to fit these machines supplying you with a complete package to produce your own mouldings.

As well as custom mouldings we also have a range of Plastic Angling Products which include: Rod Rest Heads, Disgorgers, Catapults, Shot Lock Pliers, Bivee Pegs, etc.

We also have a range of promotional products including: key fobs, ice scrapers, drinks coasters, boxes, tubs, paperclips, badges and signs. We offer a completely bespoke plastic moulding service and can make products and brand them to your exact ideal!

We are registered with MANUFACTURING ADVISORY SERVICE (MAS)

MAS WORKS for manufacturers. MAS provides a national service delivered locally by experienced advisors, who will help your business grow. Your MAS advisor can work with you at a strategic level to create business and product strategies. They can help you develop a culture of innovation, generating new product ideas and market opportunities. MAS will work with you in reducing waste and maximising profitability in your own business and in your supply chains. If you're a small or medium sized manufacturer in England, many of our services are free and supplemented by appropriate grant funding. Read more about MAS match funding in the MAS leaflet.

TRAVIN PLASTIC MOULDING SPECIALISE IN:

- plastic injection moulding
- plastic injection moulding machines
- low volume mouldings
- plastic promotional products
- mould making
- injection mouldings
- insert mouldings
- plastic angling products

WHY CHOOSE TRAVIN?

Travin has been in the plastics business for over 35 years producing the original Bench Mounted Plastic Injection Moulding Machine.

Running a plastic injection moulding machine manufacturing factory alongside a fully equipped plastic injection moulding shop producing large and low volume precision plastic parts, as well as making moulds all under the same roof, ensures the quality and overall accuracy of our machines.

Having done this as a company for over 35 years we have obtained the knowledge and expertise to build and constantly refine our machines. Although our objective has been to maintain the machines' simplicity, we have not neglected the demand for a precise and accurate machine to produce high quality and accurate mouldings.

Both the TP1 and the TP2 machines hold the CE mark and a guarantee, and come complete with an instruction manual for the novice and expert alike.

Our after-sales service is second to none, and we are only a phone call away for advice and recommendations for both the machines and plastics.

We can manufacture a mould to your design and supply a mould and machine as a complete working package.....ready to go!

We do our best to look after our environment and as well as producing parts from highly specified plastics, where suited, we can produce quality parts from reprocessed /recycled & bio-degradable materials. We also keep our waste plastic to a minimum & recycle where we can thus reducing our carbon footprint without compromising our quality. We use 70% recycled packaging as well as in-house recycling on all the packaging materials we accumulate.

Established for over 35 years, TRAVIN offer a competitive and efficient quality injection moulding service to a wide variety of industrial users. TRAVIN offers a complete service from prototyping to production runs.

Our modern moulding machines are suitable for an extensive range of thermoplastic materials and we pride ourselves on our ability to produce quality mouldings to our customers' complete satisfaction.

TRAVIN'S in-house tool manufacturing facility allows us to manufacture high quality moulds and maintain full control during the manufacturing process and offer a first class service at a very competitive price.

We also do secondary operation; Drilling, Tapping, Polishing, Machining, Assembling, Trimming etc.

MOULDS AND MOULDING

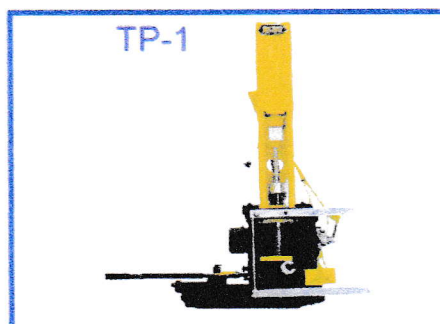
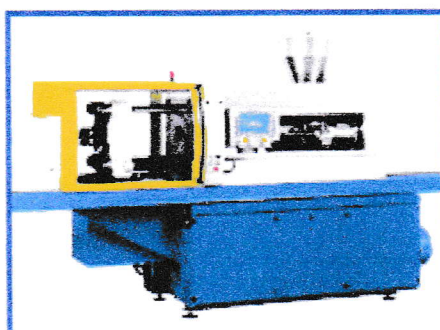
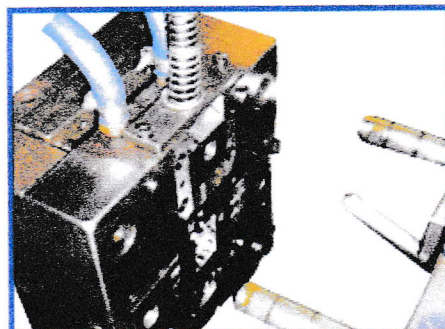
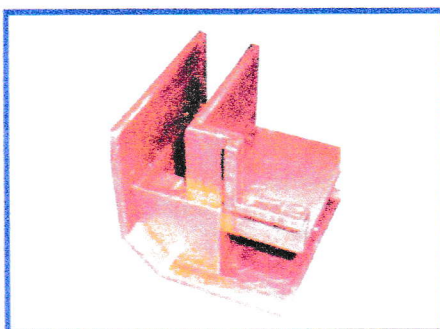
Are your plastic moulding costs too high?
If so, we can help you.

MOULDING SHOP INVENTORY

- 2 x TRAVIN TP1 injection moulding machines, manual (small runs and insert moulding) 4.5 ton lock.
- 3 x TRAVIN EAGLE injection moulding machines, 9 ton lock.
- 4 x BOY 22 S injection moulding machines, 25 ton lock.
- 1 x BOY vertical injection moulding machine, 25 ton lock.
- 2 x BOY 50 S injection moulding machines, 50 ton lock.

WE CAN MANUFACTURE A PLASTIC PART FROM A DRAWING OR A SAMPLE AND DO THE COMPLETE JOB FROM

PROTO-TYPE TO FULL PRODUCTION



“

WHAT OUR CUSTOMERS SAY:

“Great company to do business with...”

“Good honest business...”

”

SMALL RANGE OF PLASTIC INJECTION MOULDING MATERIALS INCLUDE:

Acrylonitrile Butadiene
Styrene - ABS

Acetal - POM

Nylon (Polyamide) - PA6 /
PA66 Glass Fill

Polyethylene - PE

Polypropylene - PP

Polyvinyl Chloride - PVC

Acrylate Styrene
Acrylonitrile - ASA.

Acrylic - PMMA

Ethelene Vinyl

Acetate - EVA

Polycarbonate - PC

Polyesters - PET / PBT

Low Density Polyethylene
LDPE / LLDPE
High Density
Polyethylene - HDPE

Polypropylene
(Homopolymer and
Copolymer) - HPPP and
CPPP

Polystyrene - PS / General
Purpose - GPPS / High
Impact - HIPS

Polyurethane - PUR

Styrene Acrylonitrile - SAN
Rubbers - SBS / SEBS /
TPE / TPV / PC / ABS

Plastic materials can be
added with a variety of
components including:
glass, teflon, carbon &
colour masterbatch to give
the exact colour required.

A Small Range of Plastic
Injection Moulding

Applications

PCB spacers

PCB joint blocks

Plugs

End caps

Plug assemblies

Key pads

Electrical parts

Leisure goods

Model parts

Knobs

Switches

Promotional products

Angling products

Automotive parts

Lighting components

Pump parts

Medical parts

Marine parts

Key fobs

Boxes

Tubs

Lids

Tupperware

Handles

Security parts

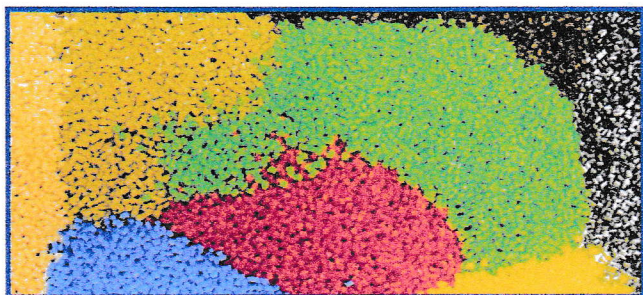
Filters

Wheels

Pulleys

Gears

and much more!



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