



ATC Industry Solutions

Discover how over 25 years experience delivering solutions to Ireland's leading businesses can help you.



Your Problems. Our Solutions.

www.atcindustriesolutions.com

I ATC – Who We Are



ATC has grown into one of Ireland's leading industry supply companies, while still nurturing the flexibility and loyalty to our customers of a family business.

We are passionate about helping businesses meet their objectives and will **pull out all the stops** to get you the required solution.

From our dual sites in **Shannon** (headquarters, stores and repairs work) and **Limerick** (fabrication), ATC have delivered solutions to companies nationwide and internationally, across all sectors and of all sizes for **over 25 years**.



Some of our customers over the years



I ATC – What We Stand For



ATC Mission

“ To build value for our people, company, customers and all our partners. ”

Customer first

We always put our customers needs first, and aim to provide you with the best possible solutions.

We never promise anything we can't deliver, and always strive to pull out all the stops to get you what you really need, when you need it.

Our goal is to meet our customers' engineering expectations every time.

Add Value

We don't just look to provide you with a product or service, **we aim to add value.**

We have **years of experience** in sealing, fabrication, hydraulics and engineering component supply, and can **use this experience to provide you with the solution that best suits your needs.**

Quality

At ATC, we are serious about quality, and are constantly monitoring and developing processes and procedures to **ensure that we deliver our customers the highest level of service and goods possible.**



An indication of this attention to quality is our **ISO 9001:2015 certification.**

We also work tirelessly to make sure that we only work with the best brands and manufacturers, so that you can be assured that **ATC will always deliver to you a superior experience.**

What Our Customers Say

“ATC ensures high-quality products are delivered on time and as needed. ATC manages the whole process in a professional and proactive manner, continually reviewing and improving it so that it is a win-win for both partners.”

“They work directly with our engineering and maintenance staff to find the most cost effective and efficient solutions. They offer a wide variety of services and are very flexible with short lead times. “

“It is a comfort to know that I have a reliable source to call upon to support our production facility.”

“Their professional and can-do-attitude makes it a pleasure to deal with them.”

“ATC have proven to be a very capable and flexible supplier and have operated a JIT system with next-day delivery on all components. They are also very pro-active in looking at solutions to our requirements rather than just responding to our requests.”

“Their prompt response, professional approach and workmanship is excellent. Based on this level of service and the ease of doing business with ATC over the past twenty years I would highly recommend ATC to any company requiring industrial and electrical engineering services.”

”

I ATC – What We Do



What We Do

Components	Fabrication, Plant Maintenance & Lean	Services
<ul style="list-style-type: none"> • Sealing Gaskets O-Rings Bellows Sheeting Extruded Profiles Foam Sponges • Bottling Adhesives Conveyor Components Guide Rails Spare & Wear Parts Pumps Valves • Lubricants Greases Oils Aerosol Sprays Speciality Products • Clamps & Sanitary Fittings Standard High Purity Pipe Clips Ferrules Metal Detectable Gaskets and O-rings • General Components Pumps Valves Ad Hoc & for specific requirements 	<ul style="list-style-type: none"> • FlowTube Lean modular Piping System Benches Racks Tubes Joints Accessories Trolleys Workstations Storage solutions • Plant Repair Certification Service & Repair Hydraulics Electric Motors Cylinders Pneumatics • Fabrication Stainless Steel Mild Steel Aluminium Machining • Hydraulics Sale & Repair Pumps Power Packs Jacks Torque/Bolting Tools Cylinders Tensioning Tools Filter elements Pullers 	<ul style="list-style-type: none"> • Training Hydraulics Training Torque Training Product Training ECITB Mechanical Joint Integrity Training Service & Repair Training • Sourcing Custom Sourcing of Parts • Inventory Management Consigned stock Kanban Vendor managed inventory • Onsite Maintenance General Fitters Electricians • Reverse Engineering & 3D Printing/Scanning Supply of 3D Printers and Next Engine 3D Scanners Scanning Services Printing Services • Hydraulics Repair Hire Certification Service

Some of our supply partners



I ATC – Sealing (Steel Gaskets)



ATC can supply steel/metallic gaskets to fit any requirement, from spiral wound gaskets to kammprofiles.

The advantages of using metallic gaskets include:

- Outstanding mechanical strength and thermal conductivity
- Capable of withstanding high temperatures
- Almost no limitation regarding size
- Stability even for large diameters
- Trouble-free handling and installation

Standard

We can produce gaskets to meet all standards. We can also manufacture specials to your requirements.

Manufacturers

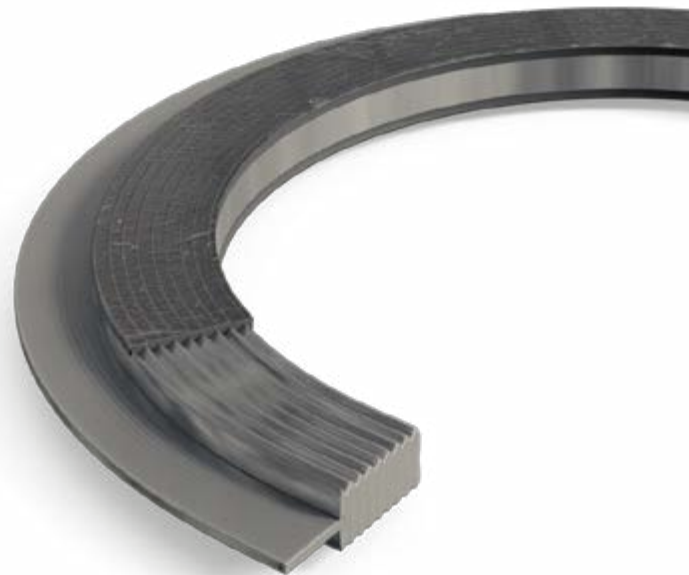
We can provide gaskets from a particular manufacturer, and fulfill any specific criterion on the origins or manufacture of your gaskets.

Material

We can help if you have special requirements- 304, 316, Monel, Incoloy.

Testing

We can provide complete material testing and certification to suit your requirements.





Gaskets

We supply a wide range of gaskets, in any shape, size, standard or material, to meet your requirements.

When requested, we can supply a wide range of material certifications. Brands of gaskets supplied by ATC include:

- Burgmann
- Lamons
- Donit Tesnit
- Leader
- Econosto
- Garlock
- Flexitallic
- James Walker
- Klinger



Isolation Kits

ATC can supply a range of isolation kits to prevent corrosion of flange joints, and maintain pipeline integrity.

We can offer common or bespoke isolation kits, just let us know what you need.



Sheeting

ATC has been one of Ireland's leading gasket sheeting suppliers for the last 20 years and supplies to many industries.

Gaskets are commonly produced by cutting from sheet materials. Our sheetings are available in a range of thicknesses and can be supplied in roll and sheet form.

ATC can provide you with cork, graphite, non-asbestos and rubber sheeting.

PTFE Sealant (Form-In-Place Gasket)

A time-tested sealing solution for steel flanges with large diameters, rectangular or irregular shapes, and rough or pitted surfaces. When compressed, this soft, conformable cord forms a thin yet strong seal.

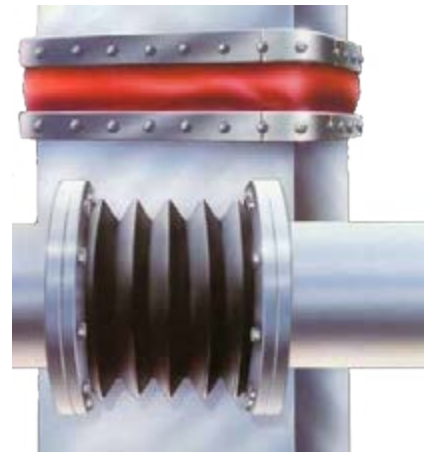
It can also seal applications where available bolt loads are low. We offer a range of tape profiles and sizes.



PTFE Bellows

ATC supplied bellows and convoluted rubber dust boots are versatile seals used in a wide range of applications to seal dust and other environmental elements with a stroke or designed range of motion.

Rubber bellows and convoluted dust boots can be custom designed and are available in a range of fabric materials including EPDM, TPE and Silicone.



Extrusions

Extrusions come in various materials and many cross-sectional shapes. Applications include:

- Medical equipment seals & tubing
- Aerospace seals and gaskets
- Window & door seals
- Electrical enclosures
- And many more





Diaphragms

We supply a range of diaphragms for many applications:

- Gas Meters, Regulators and Pressure Controls
- Valves – Pneumatic, Control, Cylinder, Gas, Reducing
- Pumps – Vacuum, Petrol, Disc
- Compressors
- Actuators – Air, Gas
- Solenoids
- Pneumatic Cylinder Diaphragms
- Pneumatic Servo Mechanisms
- Switches
- Accumulators – High and Low Pressure



Glass/Ceramic Rope

Glass Rope is manufactured from a central core of glass fibre sliver. It is contained by an open over-braid of texturised continuous filament glass yarn.

Glass rope has low thermal conductivity and offers an ideal and cost efficient method of insulating pipe work. High temperature flue sealing and caulking applications are also alternative uses for this type of product.



O-Rings

O-rings are one of the most common seals used in machine design because they are inexpensive, easy to make, reliable, and have simple mounting requirements.

We can supply O-Rings in any size or standard, and materials offered include:

- Viton/FKM
- Nitrile (Buna-N)/NBR
- Ethylene-Propylene/EPDM
- Fluorosilicone/FVMQ
- Silicone/VMQ
- Neoprene/CR

I ATC – Clamps



ATC supplies a range of pipe, tube and hose/cable supports that provide a standard solution and the widest possible scope of everyday applications.

Clamps are used to give a clean and distinct layout for all pipe, tube and hose installations.

The vibration and noise reducing features are appreciated as being an important contribution to environmental protection.

Applications are almost unlimited.

Standard Material

Polypropylene
Polyamide
Aluminium

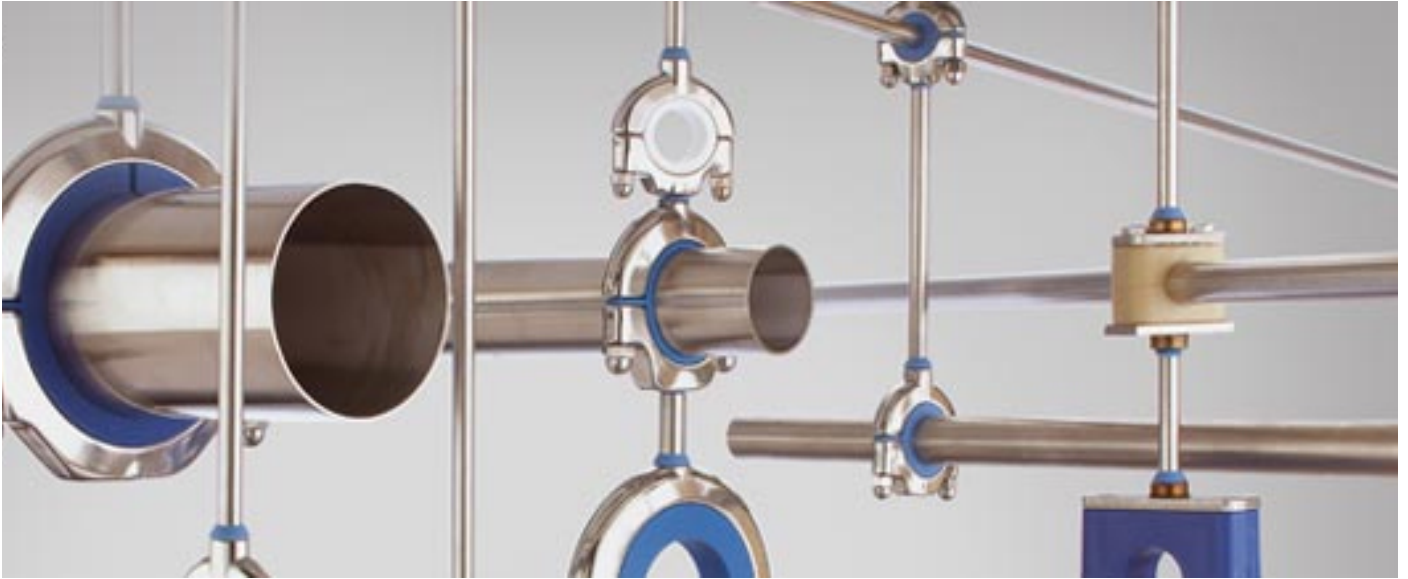
Ranges

Standard
Heavy
Twin
Lightweight
U-Bolts

Sizes

6 mm to 500 mm
Imperial & Metric





High Purity Clamps

- 6,4 mm (1/4") and 152,4 mm (6"), as per ISO 4200 and DIN 11850
- Optional mechanical fixed bearings with silicon grommets or floating bearings with Teflon grommets patent approved design
- All the metal components are manufactured from corrosion-resistant stainless steel 1.4401 (AISI 316) or 1.4301 (AISI 304)
- Electrolytically high-gloss polished material surfaces if required
- ASME-BPE compliant
- FDA compliant

Features

- All the components are designed to comply with specifications and guidelines as defined by ASME-BPE
- Suitable for pipes, tubes and other lines with outer diameters between 6,4 mm and 168,4 mm
- Rounded-off edges and corners to prevent dirt adhesion; no exposed threads or threads covered with acorn nuts
- All metal components manufactured from corrosion-resistant Stainless Steel with high-gloss polished material surfaces



I ATC – Sanitary Fittings



ATC are proud to be the Irish and UK agent for Process Technology, a leading manufacturer of high quality sanitary fittings.

These gaskets are used in piping systems for the food, dairy, beverage, pharmaceutical and biotech industries. Sanitary gaskets are available in **EPDM, Viton®, Buna-N, Silicone, Fluoropolymer (PTFE), TY Steel (PTFE & 316 Stainless), Envelope gaskets (PTFE & EPDM/Viton)**. All can be provided in metal detectable options.

All compounds are **FDA compliant**. They allow for pipe and tubing connections to be made in a sanitary fashion that is designed to be cleaned in place (CIP) but is easily broken down for further cleaning, inspection and repair. They are also corrosion resistant.

SANITARY SCREEN GASKETS



FDA, USP CLASS VI, METAL DETECTABLE SANITARY GASKETS



SANITARY ORIFICE PLATES



FDA & METAL DETECTABLE O-RINGS



I ATC – Sanitary Fittings



SANITARY CLAMPS



SANITARY TUBE SUPPORTS



FERRULES



TUBE SUPPORTS



VALVES



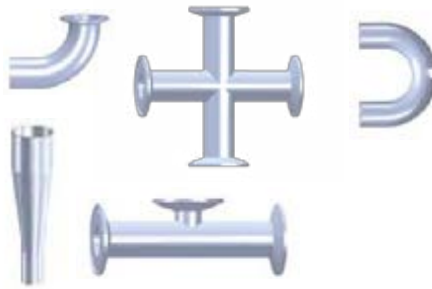
PUMP PROTECTION



HYGIENIC UNIONS



ASME BPE HI PURITY FITTINGS



SIGHT GLASS



HYGIENIC FITTINGS



FLANGES



I ATC – Bottling Parts



ATC has partnered with JO, a German company that has supplied **parts for the bottling industry for over 25 years**. JO components are **German designed and are of the highest quality**.

JO supply parts that are **interchangeable with most top manufacturers**, including Kronen and KHS, but are more cost effective.

IDLER SPROCKETS & WHEELS



COATED BELTS



I ATC – Bottling Parts



SUCTION CUPS



ROLLERS



TULIP SLEEVES



BELLOWS



I ATC – Bottling Parts



FINISHED PARTS



BRUSHES



PICKUP HEADS



PICKUP COMPONENTS



I ATC – Conveyor Components



Working with **AVE**, ATC can supply all your conveyor component needs, providing you with high quality components at affordable prices.

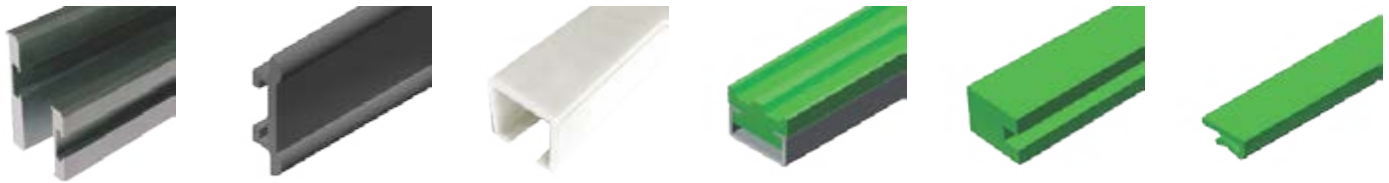
ALUMINIUM PROFILES



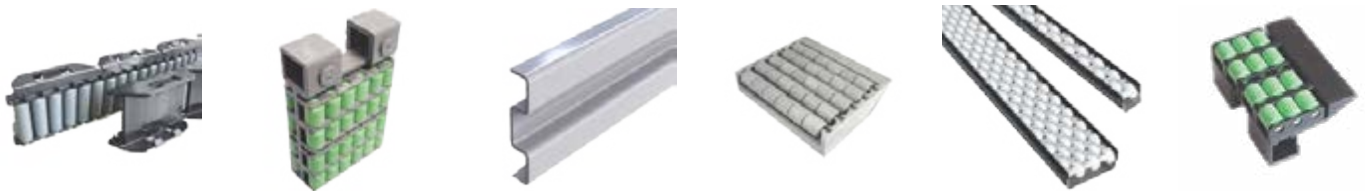
BEARINGS



PROFILES



CONVEYORS



CHAINS



ATC are European distributors for Super Lube®, a patented, multi-purpose synthetic lubricant, containing Syncolon® (PTFE) particles held in suspension.

Super Lube® lasts longer and outperforms conventional petroleum-based greases and oils. It comes in Grease form, Oil with Syncolon® and a Lightweight Synthetic Oil.

Super Lube® properties

- Dielectric
- Food grade (H1 or H3)
- Longer lasting than traditional oils
- Wide operational temperature range
- Wide range of material compatibility

Greases

Multi-purpose grease, dielectric grease, lubricating grease, high temperature grease and railroad grease.

Oils

Synthetic oil with PTFE, lightweight oil without PTFE, non-flammable hydraulic oil, railroad switchplate oil, air tool lubricant and synthetic gear oil.

Speciality Products

Engine treatment products, anti corrosion gel, heat sink compound and industrial strength cleaners and degreasers.

Aerosol Sprays

Multi-purpose, dri-film, silicone, synthetic penetrants and more for a wide variety of applications.



I ATC – Inventory Management



ATC provide inventory management solutions for some of the premier manufacturers in Ireland. We offer a variety of inventory management systems designed to minimize on-hand material and lower your associated carrying costs while increasing the ability to deliver your product on time, every time.

We can offer

- Vendor managed inventory
- Kanban Solutions
- Consigned Stock

+ Benefits of inventory management

1. Cost Reductions

Manufacturers are often receiving their inventory from hundreds of different suppliers from many different locations. The ability to outsource this to a third party, and just call off the stock you need when you need it, means that you can save significant time and cost.

Inventory management helps you avoid wasting money on slow-moving products so you can put it to better use in other areas of your business.

2. Focus On What's Important

Utilising vendors to manage their inventory allows manufacturers to focus their efforts on other areas within their business.

Inventory management is a great time-saving tool. By keeping track of all the products you have on hand and on order, you can save yourself the hassle of doing inventory recounts to make sure your records are accurate.

3. Lean

Manufacturers who implement vendor managed inventory processes see significant improvements in how lean their business is.

Material can be delivered Just-In-Time, allowing you to not have to worry about managing large amounts of material in-house.

4. Accurate Planning

Using smart inventory management, you can stay ahead of the demand curve, keep the right amount of products on hand and plan ahead for seasonal changes. This goes back to keeping your customers happy all year long.

Good inventory management helps you figure out exactly how much inventory you need. This makes it easier to prevent product shortages and keep just enough inventory on hand without having too much.



I ATC – Hydraulic Tools



Hi-Force
HYDRAULIC TOOLS

At ATC, we can provide hydraulic tools to meet every requirement. We have partnered with Hi-Force®, the UK based leaders in high quality hydraulic tools that are used across the globe.

LOW HEIGHT CYLINDERS



CAPACITY
4.5 to 147 tonnes

TYPE
Single Acting

APPLICATIONS
Alignment of Machinery
General Maintenance
Structural Weld Positioning
Rigging
Flange Separating

MULTI PURPOSE CYLINDERS



CAPACITY
4.5 to 109 tonnes

TYPE
Single Acting Multi-purpose

APPLICATIONS
Most commonly Sold Cylinder Range

LIGHT WEIGHT ALUMINIUM CYLINDERS



CAPACITY
32 to 110 tonnes

TYPE
Lightweight Aluminium
Single Acting
Solid/Hollow Piston

APPLICATIONS
Lightweight alternative to our HSS and HHS range

HOLLOW PISTON CYLINDERS



CAPACITY
11 to 247 tonnes

TYPE
Single/Double Acting
Hollow Piston Cylinders

APPLICATIONS
Tooling
Maintenance
Tensioning
Pulling

FAILSAFE LOCK RING CYLINDER - SINGLE ACTING



CAPACITY
50 to 1012 tonnes

APPLICATIONS
Sustained Load Holding
Bridge Support
Piling
General Constructions

FAILSAFE LOCK RING CYLINDER - DOUBLE ACTING



CAPACITY
25 to 1012 tonnes

APPLICATIONS
Heavy Duty Lifting
Construction
Maintenance
Presswork
Industrial Production

I ATC – Hydraulic Tools / Bolting Tools



MANUAL, PNEUMATIC AND HYDRAULIC TORQUE WRENCHES & MULTIPLIERS



- Torque capacities from 5 – 48,181 Nm
- Low Profile Ratchet Heads
- Square Drive sizes from 3/4" to 2 1/2"
- Imperial and metric sockets available

FLANGE SPREADERS



- Hydraulic & Manual

NUT SPLITTERS



- Single or double acting
- Hex sizes 17mm-136mm (M10 – M95)

LOW PROFILE RATCHET



- Compact, Lightweight, Aluminium Drive Unit
- Accurate to +/- 3 % with Standard Torque Chart supplied

BOLT TENSIONERS



- 234 – 2,649 kN
- Bolts 3/4" to 4", M16 to M100

TORQUE & TENSIONING PUMPS / HOSES



- Manual, Electric and Air
- Various Hose lengths

PULL CYLINDERS



CAPACITY
10 to 50 tonnes

TYPE
Single Acting

APPLICATIONS
Plate alignment prior to
Welding in Shipyards
Cable Tensioning
Heavy Load Moving using
Chains or Wire Ropes

HAND PUMPS



TYPE
Single / Two Speed
Single / Double Acting
Mild Steel or Aluminium

APPLICATIONS
Suitable for use with a wide
Range of Cylinders and other
Hi-Force Tools

POWERED PUMPS



TYPE
Battery
Electric
Air
Petrol Engine Driven

APPLICATIONS
For use with large Capacity
Cylinders and also in
Production Type Applications

More Hydraulic Tools:

- Hydraulic Cylinders
- Manual, Electric, Air & Petrol engine driven Pumps
- Crimping Tools
- Cable & Wire Rope Cutters
- ToughLift Jacking Systems
- Puller Kits
- Pipe Benders



I ATC – Hydraulic Training



Working with Hi-Force®, ATC can provide all your hydraulic training needs. From product and repair training to ECITB Mechanical Joint Integrity Training, we can provide you with the onsite or offsite support that you need to get the most from your hydraulics equipment, while also complying with regulatory and H&S requirements.



Product Training

The product training course is divided into various product groups, each of which cover all aspects of technical sales, industry specific application selling, special product design, practical and theoretical operation, health & safety and general maintenance.

Hi-Force® believes their Product Training courses are at the leading edge of the high pressure hydraulic tools industry worldwide.

ECITB Mechanical Joint Integrity Training (MJI)

Hi-Force® is approved by the ECITB (Engineering Construction Industry Training Board) for the provision of Mechanical Joint Integrity (MJI) training courses in line with industry standards and practices.

The technical content of the MJI training modules will include:

- Mechanical joint integrity (Flange and bolt materials, components, lubricants, dis-assembly, inspection and assembly)
- Safe use of high pressure hydraulic equipment
- General tooling maintenance
- Correct tool selection

Service & Repair Training

Hi-Force® are also able to offer Service and Repair Training to end users of their products that prefer to have their own in-house tool repair facilities. One of the major advantages of the modular design of the Service and Repair Training courses is that courses can be tailored to suit specific, individual requirements.

So if an end user customer is a major user of our bolting tools, we can concentrate on the Service and Repair Training of hydraulic torque wrenches and stud bolt tensioners.

Similarly, if the customer is a user of our jacking systems, we can focus the training on cylinders, pumps and accessories.



Tool & Gauge Calibration

Regular torque tool calibration & re-calibration guarantees the operator **repeatable accuracy** & adheres to international standards.

Calibration also ensures torque equipment is operating to **peak performance** & can also highlight potential tooling problems before they arise.

All of our in house calibration equipment has valid, independently approved calibration certificates which are renewed annually.

We can calibrate:

- Torque tools
- Gauges



Service & Repair

Our modern, fully-equipped service centre is approved to carry out repairs, servicing & warranty assessments.

Our highly experienced, trained & certified service technicians are able to provide a first class tool repair service using only genuine manufacturers' spare parts. All items repaired are provided with an applicable test certificate in accordance with the manufacturers test specifications.

All test & calibration certificates are fully traceable & our quality management systems are approved to **ISO9001:2015**.

We can service or repair:

- Hydraulics tools
- Pneumatics tools
- Electrical tools
- Motors



Hydraulic Hire

Whether it is current year budget constraints, tool availability or short-term requirements, ATC tool rental offers an economical alternative to capital intensive tool purchase.

All rental tools are provided with individual test and calibration certificates, and are available for short or long term rental with or without manpower.

We can provide you with:

- Pumps
- Torque tools
- Impact Wrenches
- Bolting Tools
- Jacks
- Cylinders

I ATC – Fabrication - Storage



ATC can manufacture storage to suit any requirement.

We can manufacture in stainless steel, mild steel and aluminium.

We manufacture tanks for any application, including:

- Pharmaceutical
- Medical Sector
- Food & Beverage Production
- Heavy industry
- Manufacturing
- Aerospace



I ATC – Fabrication - Custom



ATC manufactures bespoke solutions to fit your needs, regardless of the scale or function.

Whatever you need, chances are we've made it before!

- Stairs
- Trolleys
- Platforms
- Mezzanines
- Balustrades



I ATC – Fabrication - Cleanroom



At ATC, we understand the requirements of cleanroom environments, and the high standards to which equipment must be manufactured.

We take time to make sure that nothing leaves our fabrication process without having been thoroughly inspected and passed by our team. We can supply you with all your cleanroom furniture needs including:

- Benches
- Trolleys
- Carts
- Lockers
- Dispensers

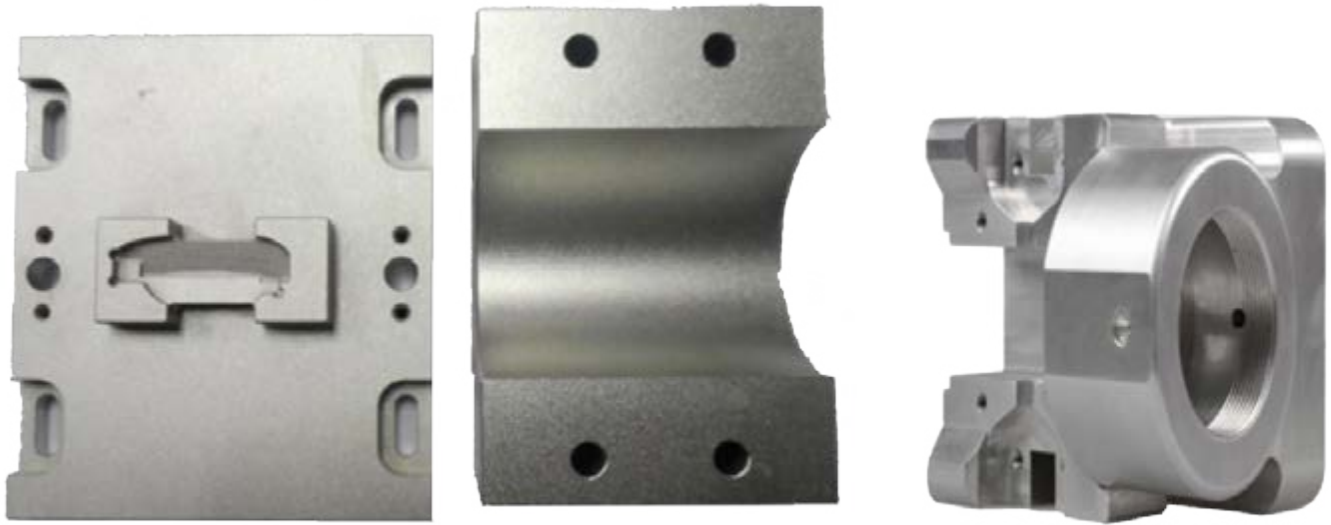


I ATC – Fabrication - Machining



With extensive machining experience, ATC can manufacture almost any part.

ATC can manufacture products from most materials, and we have particular expertise in reverse engineering original parts that can no longer be sourced.

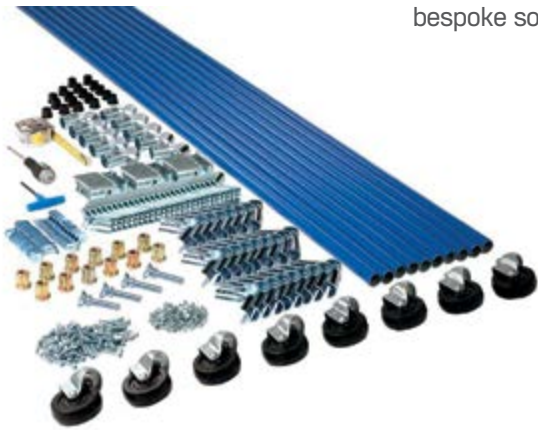


I ATC – FlowTube



What is FlowTube?

FlowTube consists of a set of standard tubes and accessories that can be used to create bespoke solutions.



How FlowTube solution is used



1. Sketch



2. Cut



3. Assemble

Why use FlowTube?

Let us design the solution for you based on years of experience of lean manufacturing.

1. PRODUCTIVITY IMPROVEMENTS

- Space saving
- Time saving
- Ergonomics
- Cost saving

2. STANDARDISATION

- Cost effectiveness
- Ease of integration & modifications
- Ease of training & operation
- Repeatability

I ATC – FlowTube Solutions



Racks & Trolleys



Storage Solutions



Workstations



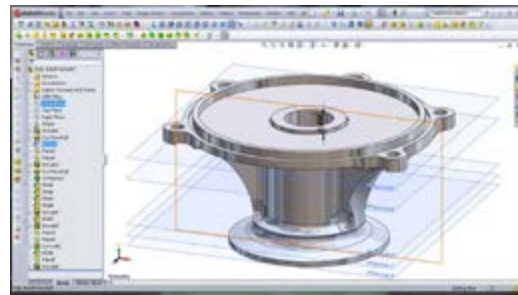
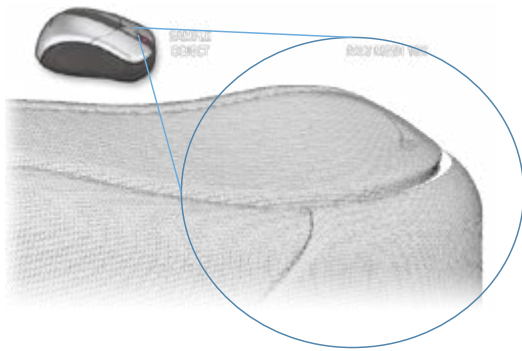
Complex and Heavy Duty Solutions



Solutions can be designed to cater for any weight requirement!

ATC are proud to be Irish partners of NextEngine 3D Scanners, industry leaders in 3D scanning.

3D scanning uses lasers to map the coordinates of millions of points on the surface of an object, then converts that information into a model that can be manipulated and measured on your computer.



How Can ATC Help You?

1 Scanner Supply & Support

We can provide you with NextEngine scanners, software and equipment, helping you choose which solution is best for you.

2 Scanning & Reverse Engineering

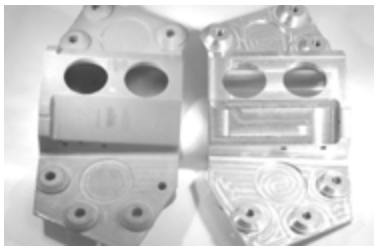
We can use 3D scanning to gain highly accurate models of components or machines that would otherwise be unfeasible to measure.

We can generate 3D models, as well as 2D drawings, which allow for the manufacture of original parts.



At ATC, we can help you reduce cost and save time by helping you to model and print parts in 3D.

3D printing allows you bring products to market in shorter time frames, or test samples before giving the go ahead on costly production of parts where there is risk due to unknown interactions between components.



How Can ATC Help You?

1 Printer Supply & Support

We can supply you with a 3D printer to suit your needs, as well as the support to get started.

2 Print Service

If you have a model that you need to get printed, we're happy to explore printing it for you.

3 Design Services

If you need a little more help, we can design and print a solution for you, taking the stress and load off you.



Contact us

- +353 (0)61 708 140
- info@atcindustrysolutions.com
- www.atcindustrysolutions.com

- Advanced Technical Concepts
Unit 1, Castlepark, Smithstown,
Shannon, Co. Clare, Ireland, V14 E282