



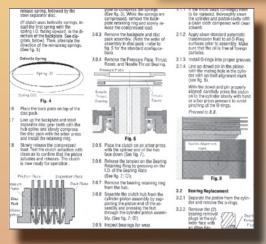
Technical Publishing Services



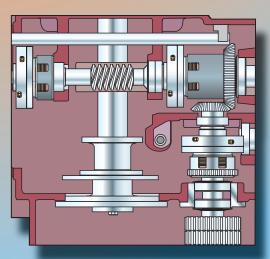
Technical Publishing Services

Terra Tu has been providing quality publishing services to companies of all sizes since 1985. We have specialized in producing print and digital materials for products and services that present a challenge due to their technical nature. We have been successful at integrating this information into consumable documents that are clear and easy to understand.

Whether your company has an in-house publishing department, uses an agency or preferred printer, you can benefit from these creative services offered by Terra Tu. Teamwork is the key to better products at better prices.



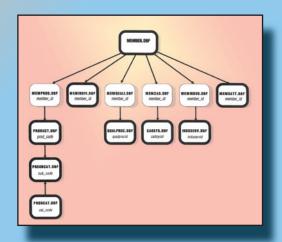
Technical Writing



Technical Illustrations



Photography



Database Publishing

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Technical Writing

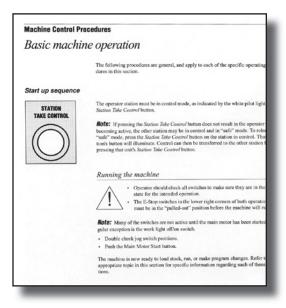
We can assist your staff in the writing of technical bulletins, collateral material, catalogs, and web-based material. Whether your needs are for entire documents or minor editing, Terra Tu can be a valuable resource.

Software Manuals

Logan Clutch Corporation / CS 2000°

This manufacturer of industrial clutches and brakes found good business in retrofitting the mechanical clutches in vintage screw machines with their hydraulic and pneumatic versions. This increased the productivity of those machines considerably. An opportunity arose to provide automation to those same machines, making them competitive with modern offerings at a fraction of the cost.

The CS 2000® was designed to provide CNC functions by precisely managing the clutches in the screw machines. Terra Tu was given a prototype unit to document its software functions and create a user manual that machine operators could easily understand and use as both a setup guide and quick reference for machine-side use. In the course of this project, we were able to assist the designer in trouble-shooting the software and give valuable feedback about the ease of access to the control functions. This unit became successful, and became an option offered by companies in the business of rebuilding and retrofitting vintage machinery.

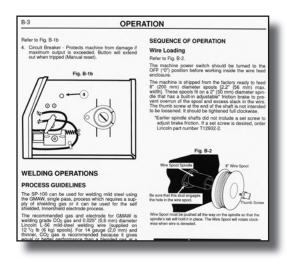


User Manuals

Lincoln Electric Corporation / SP-100°

A new welder aimed at the home workshop, the SP-100® needed a manual that consumers would be willing to read before attempting to use the unit. Terra Tu was given an early production model, and worked with Lincoln Electric's technical documentation department to write, illustrate and lay out the manual for this unit.

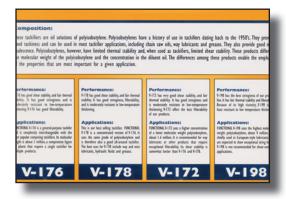
We had to disassemble the welder to document the process of replacing its consumables and servicing broken or worn parts. We were given no prior instruction on how to go about this, and had to determine the easiest way to undertake these tasks. This resulted in two manuals; one for servicing and maintenance and one to help the home user replenish the welder's supplies.



Brochures

Functional Products Incorporated / Tackifier Selection Guide

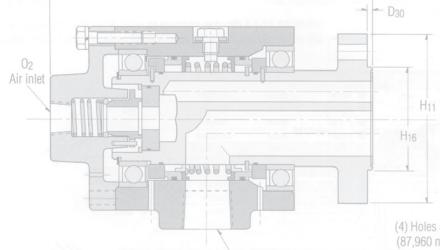
Functional Products Incorporated makes additives for lubricants and greases. Their line includes several products with similar qualities that are best differentiated by suitability for particular applications. By getting the PhDs to explain these qualities, a product selection guide was created that presented these differences in a concise, consumable way. One benefit of teaming with a technically astute "outsider" is that difficult concepts can be made understandable in a shorter period of time.



Comprehensive Graphics Services

Technical Illustrations

With over 30 years' experience in creating technical illustrations, and over 15 years' experience in creating these illustrations digitally, your artwork will present your products attractively and effectively.





This illustration was created for Eaton Corporation's Airflex Division using the underlying 2D CAD drawing as a reference. Illustrations can be created from actual parts, CAD files, and general descriptions of components.

(4) Holes on 3.463 (87,960 mm) B.C.



Location and Product Photography

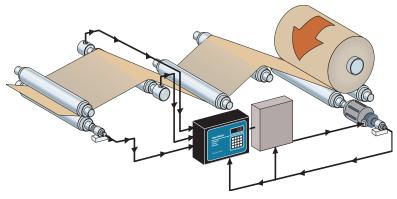
Complete photographic services are offered at a reasonable cost to augment the creation of your materials. We shoot in 35 mm, 6x6 cm, and digital formats to provide the best quality output for your documents, displays and web sites.

After adding some impressive production capabilities. Digital Specialty Chemicals, Inc. wanted to show it off in their trade show displays and brochures. The image at left was photographed with medium format 6x6 cm to allow sharp enlargements for their display.

Graphics for Web Sites

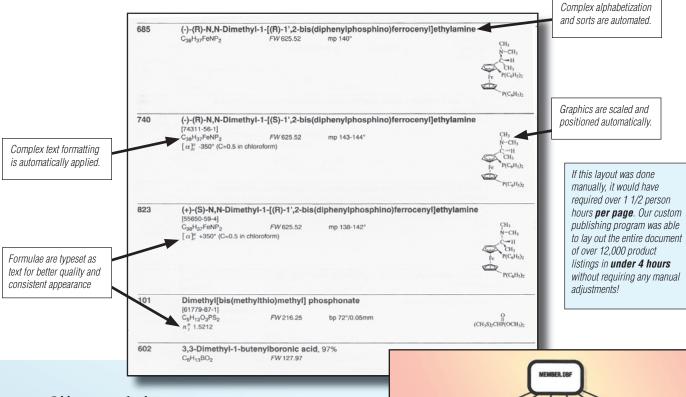
We can optimize graphics for quick downloading to the slowest connections, helping to make sure that your prospects don't leave your site before they get the picture!

Of course, we can also program your web site. Coordinated graphics and text content are used to present your products and services in the most logical, yet engaging manner.



Database Publishing Applications

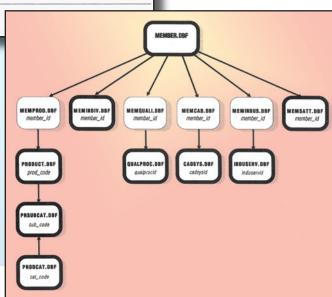
Complex and unique documents can be published with minimal intervention by staff. Once set up, the cost of publishing these materials is dramatically reduced, allowing quickly recovery of development costs. Terra Tu fully supports almost all database formats.



Cost-Effective Solutions

Chicago's Tooling & Manufacturing Association has been serving regional industries since the early 1900s. Their legacy database had been ported from their mainframe computer to a PC network, and they desired an automated publishing system based on commercially available software. Terra Tu was chosen to develop this system because our experience in database development as well as publishing allowed use to both evaluate their options and execute a system that suited their needs.

The solution we provided integrated their complex FoxPro® data structure (right) with their layout application via Crystal Reports®. Our implementation made it possible to publish the various sections of their Manufacturing Guides simply by clicking on icons, then opening the resultant document for final output and printing.



Alphabetical List of TMA Member Companies

A.J.R. Industries, Inc.

117 Gordon Street Elk Grove Village, IL 60007-1182 Phone: (847) 439-0380 (847) 439-0230

Year Founded: 1965 TMA member since: 1965 Primary SIC Code: 3544 Secondary SIC Code: 3728 Number of Employees: 32 Sq. Ft. Plant: 22000

Large capacity - CNC Jig boring & CNC Machining centers, CNC turning, custom precision machined parts & precision assemblies, assembly of ware, thermal fit of liners and lin

Molding: Plastic Molds & Die Cast Dies Molds: Plastic Injection Related Services Prototypes: Rapid

Quality Processes: FDA / GMP Mil Spec

Tool Grinding

CAD Systems: AutoCAD

Industries Served:

John J. Amann. President Robert A. Amann, V.P.-Mktg. Mgr. David F. Amann, V.P.-Sales Mgr.

Products & Services: Metal Forming

Springs: Other than coil Stampings: Electronic Stampings: Metal Stampings: Multislide Stampings: Small

Industries Served: Consumer Products Electronics / Electric Manufacturing / Industrial

Wire Forming

Year Founded: 1990 TMA member since: 1990 Primary SIC Code: 3599 Secondary SIC Code: 3469 Number of Employees: 60 Sq. Ft. Plant: 35000 Contract manufacturing - assemblies of mechanical components.

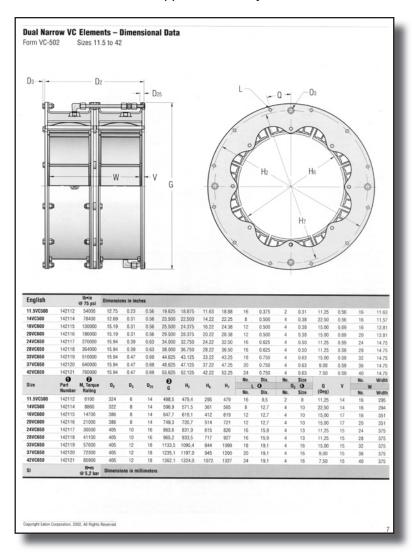
Engineering services including automated assembly systems (design & build), metal stamping and wire forming tooling (design & build). Kaz Jaslikowski, V. P. Engr.

Robert Nellemann, V. P. Mktg

Products & Services:

Creative Layouts

Our strength is in the integration of complex information with attractive, easily consumable presentations. Our layouts strictly follow your corporate identity guidelines. If desired, we can assist you in creating a look and feel that can be applied to all of your documents and web presentations.



Meeting the challenges

Eaton Corporation's **Airflex Division** chose Terra Tu to make the move to a digitally produced catalog in 1989. They needed clean digital illustrations based on CAD files, and at the same time, they wanted to include both U.S. and European values in their data tables. We were able to create an effective, clean layout design that is still in use today (above).

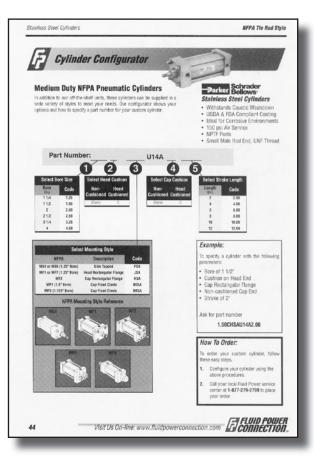
When creating Applied Industrial Technologies' **Fluid Power Connection** catalog, we were given the manufacturer's data sheets to create an order form (right). The data sheets were 3 pages, and used discreet criteria for selecting products. By assessing the data, we were able to reduce this to a single, easy-to-use form without losing the ability to order a single product.

Good design sells!

Today, technical products are marketed using the same sophisticated methods as many consumer goods. The challenge is to present the relevant and required information in an attractive and effective format that engages the reader.

Over decades, Terra Tu has come up with designs that accomplish this objective without obscuring critical content. We enjoy the challenge of making your products and services attractive to your prospective customers and clients.

The same design considerations that lead to ease of use and clear communications in print media are given to CD-ROM database applications and web sites. Our underlying principle is that customers and clients will choose the sources that save them time and effort.



Economy Through Synergy

When we design your documents, we plan ahead. If your publication will need frequent updating, we support standardized data formats such as SGML and XML, as well as a variety of database publishing solutions. If you will be making your publication available on CD or via the Internet, we fully support PDF and can implement HTML versions to minimize the effort required to



* Web & Offset Press

* Color Copies

* Quick Print

* Laser Prints

* Docutech Output

* PDF Documents



* CD Catalog Design

* Media CDs & DVDs

* Database Applications

* Disc Duplication

* PDF Catalogs

* Disc Replication



* Full Color Graphics

* Table-top Displays

* Photo Enlargements

* Free-standing Units

* Back-lit Images

* Shipping Containers



* Graphics for Web

* Site Design, Creation & Maintenance

* Live Database Implementations

Expertise in the creation of: Technical Manuals Catalogs & Product Sales Sheets

Database Publishing Applications

Trade Show Displays

Web Site Designs



Technical Graphics & Media

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