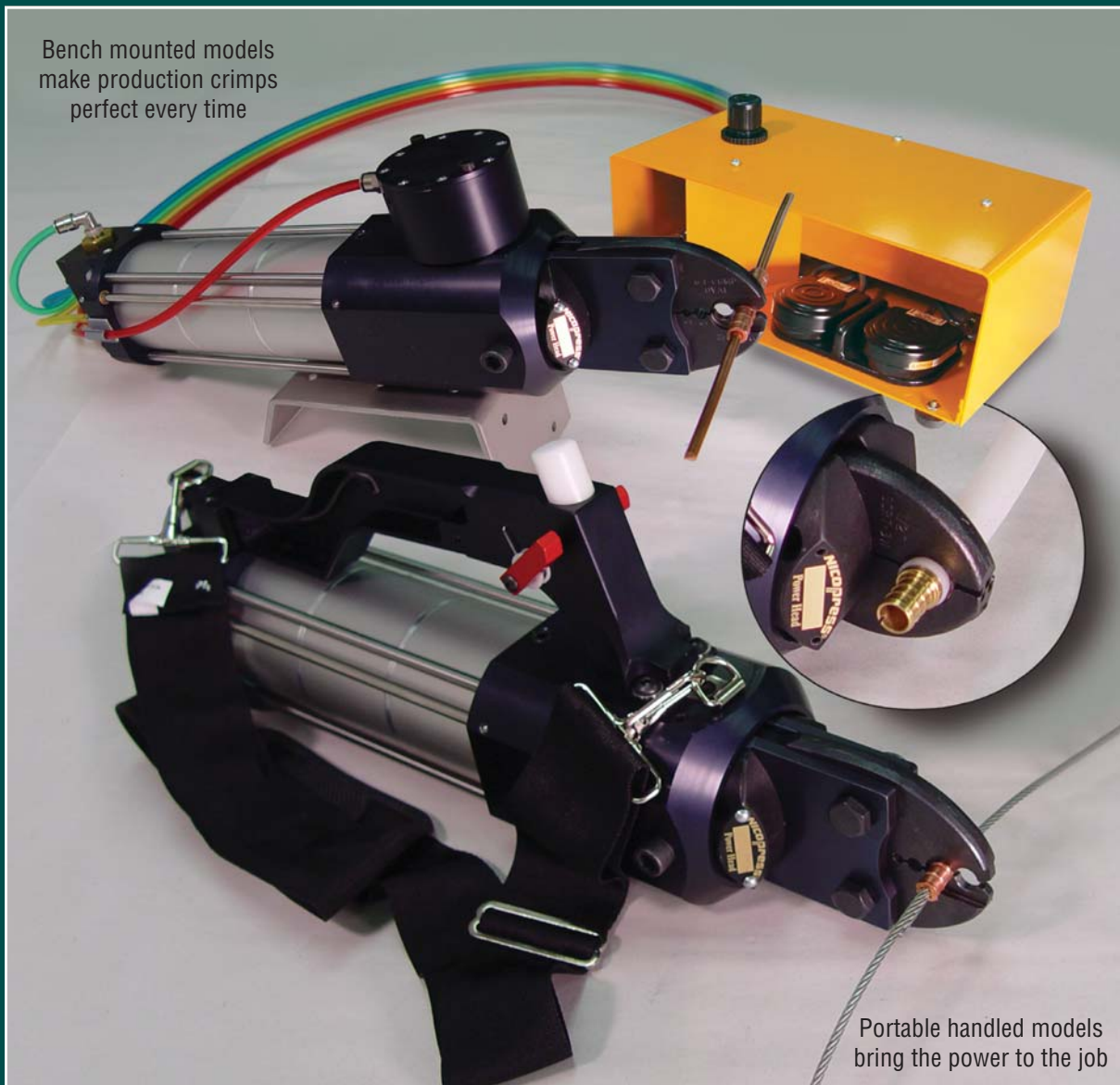


NICOPRESS[®] PRODUCTS

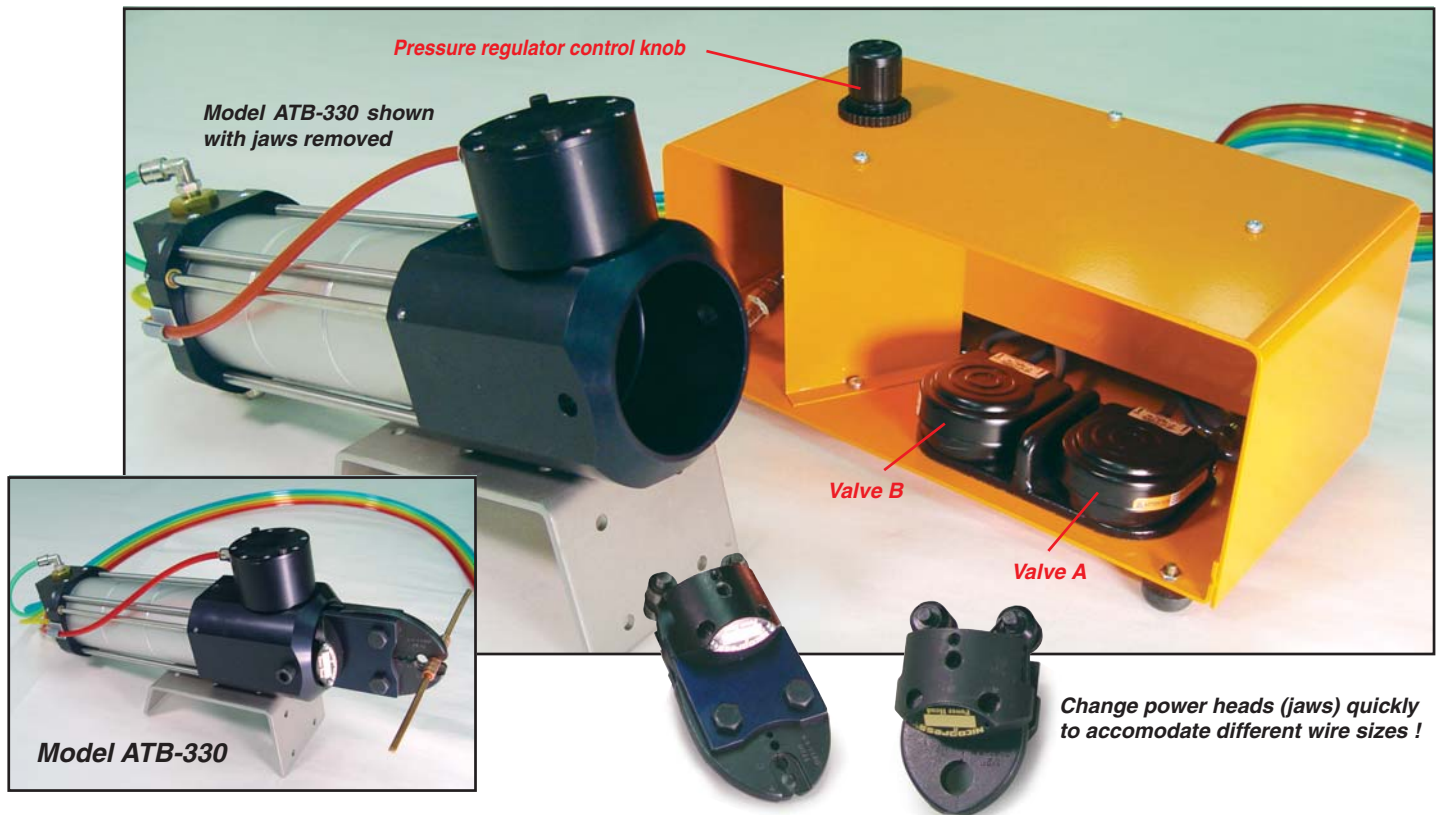
Bench mounted models
make production crimps
perfect every time



Portable handled models
bring the power to the job

**Multi-Purpose Pneumatic Power Tools
for Automating Assembly Operations**

Work Faster, Neater and More Reliably



A New Generation of Multipurpose Power Units for Automating Assembly Operations

The new **Nicopress® 330 Series** of pneumatic power tools is designed to perform numerous manufacturing functions, improving product quality and increasing productivity on the production line.

Typical applications for these **Nicopress** tools include:

- Crimping electrical terminals and connectors.
- Swaging mechanical fasteners.
- Cutting wire (both ferrous and nonferrous).
- Staking, punching, piercing and flaring subassembly components.
- Sealing, embossing and notching assemblies.
- Special clamping and holding assemblies.
- Special custom applications.

The tools are available as portable handled or bench mounted models, so you can bring the tool to the work or centralize production assembly work at a bench. Since the units are light weight and completely portable, production lines can be readily moved and adjusted to optimize production.

A variety of **Nicopress** power heads are available to accommodate different functions and size variations. Power heads can easily be changed over from function to function in minutes keeping setup time to a minimum.

Performing Operations with Model ATB-330

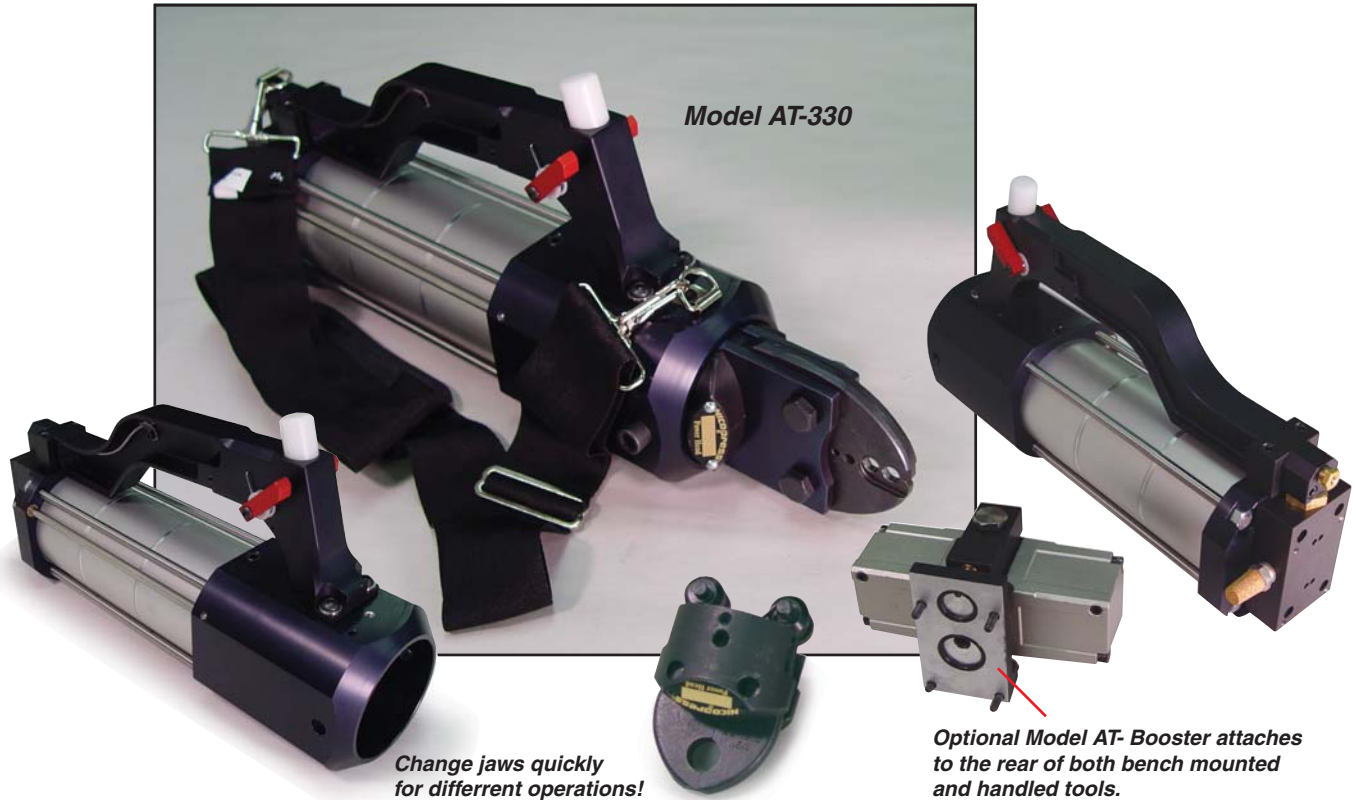
Bench mounted Model ATB-330 is actuated by a foot operated control box. The tool's jaws are spring loaded normally closed for safety. Foot pressure on *valve A* (shown in the photo above) opens the jaws for insertion of the part(s). Releasing *valve A* allows the jaws to spring close and hold the part(s) securely in place. Depressing *valve B* actuates the heart of the tool, a force-multiplying pneumatic cylinder that powers the cam operated jaw to the closed position accomplishing the operation, be it crimp, swage, cut, etc. The bench adapter plate allows operation in vertical, upright or angled bench mounted positions.

A Perfect Splice Every Time

The circuitry in the foot operated control box includes a pressure sensing valve that can be adjusted for various closing jaw forces. The valve is extremely accurate and in essence delivers **automatic quality control**.

For example, if the supply pressure should fall below the sensing valve setting, the valve will not provide a "crimp" signal to the tool. The tool will stall without making a bad crimp and without ruining the parts. Once pressure is restored, the cycle will continue. The parts that had been in the jaws will be finished as a "good assembly".

with Bench Mounted or Portable Tools!



The Portable Model AT-330 at Work

The **Nicopress** Model AT-330 tool is light weight and completely portable. It delivers the same power as its bench mounted counterpart. Running on standard shop air pressure (85 to 95 psi) it accommodates all the different power heads (jaws). Dual triggers allow the tool to be operated using either left or right hand with or without gloves. Ergonomically balanced at the triggers, the tool is easy to use and minimizes operator fatigue. A convenient shoulder strap allows one hand free operation.

Making the Crimp, Swage, Cut, etc.

Depressing the white button at the top of the handle opens the jaws to receive the parts for assembly. Releasing the button allows the jaws to spring close on the parts holding them in position. Pulling either of the red triggers releases a lock so the valve can be tripped by squeezing the index finger. This actuates the power cylinder driving the jaws into their closed position.

Power Heads:

Power heads can be interchanged in less than a minute on either bench mounted or portable tools. Contact **Nicopress** with details of your application to get specific recommendations for power head type and sizes.

Booster Accessory Installs Quickly on Both Bench Mounted and Portable Models

Some jobs will require higher forces for proper results. An optional booster accessory is available to increase the supply air pressure to an acceptable level. It is attached with four allen bolts to the rear of any Nicopress tool – bench mounted or portable, handled models. Change-over takes only minutes.

Features

- Operating air pressure of 85-95 psi.
- Normally closed jaw design for safety.
- Fully gaugeable crimp system verifies crimp quality.
- One hand operation allows second hand free.
- Available in handled or bench tool model. Tool can either be brought to a remote point or a centralized work bench area.
- Handled version is ergonomically balanced and comes with shoulder strap to free operator's hands.
- Handled version also has full safety, easy to use two finger trigger activation.
- Handled version can be operated from the left or right handed position, with or without work gloves.
- Bench model incorporates positive cycle system to assure reliably repeatable operations.
- Tools are furnished with Hex wrenches and detailed operating instruction manual.

Nicopress offers the most extensive line of professional grade tools to meet your specific needs. Contact Nicopress with your specific product requirements.

The Nicopress catalog library includes:

Catalog #CWR-12:
Crimp Tools for Automating Manufacture of Cable & Wire Rope Assemblies

Catalog #PX-27:
Crimp Tools for Automating Pex Plumbing Installations

Catalog #39:
Master Catalog of Tools, Accessories, and Splicing/Reducing Sleeves

Catalog#4:
Nicopress Sleeves and Tools for Aircraft Control Cable, Wire Rope and Fiber Rope

Catalog #F-16: Fence Products

NICOPRESS[®]
PRODUCTS

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