

3 Wagner Die Supply's Henderson Storage Solutions

Title: *The Productive Challenge*



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The Productive Challenge

Speed is the key to success in converting. Although change is a constant in any business, the speed of change is accelerating. This translates into aggressive response time, faster turnaround, shorter production runs, and more, and more press changeovers. Quality is expected, lower cost is demanded, and "On-Demand" job lot manufacturing is the benchmark. In this race against the clock, the converter must tune the organization for simplicity, flexibility, consistency, time compression, utilizing a "lean and systematic" approach to manufacturing.

Converting, the process of transforming a low cost material, into a high value product, is about tool-making. From specification, through design, to fabrication, and on-press make-ready, productive output is a function of the performance of several sets of male and female tooling. It is essential to have the right tool, in the right place, and at the right time! Given the nature of on-demand manufacturing, the creation of each tool set is only the beginning. As each tool set will be involved in repeated use, fast removal, precision storage, and rapid access, are essential ingredients of a fast turnaround operation.

In a survey conducted by the IADD and Packaging Printing magazine, the respondents provided recognition of the importance of changeover and the key role of the converting tools. See right. Further consolidating this data, repeated statistical analysis of the source of diecutting press non-productive time, shows tools and tool performance, as the primary source of failure. See above right. Therefore, how do we effectively manage this critical, valuable, and volatile resource?

The answer lies in creating an effective tool resource management system.

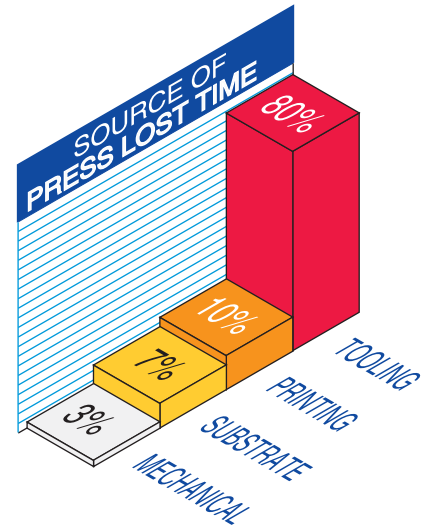
The Henderson Converting Tool Management System

Press changeover consists of ten key disciplines, many of which are related to old tool removal, new tool insertion, and tool adjustment, in preparation for production. Successful press changeover is primarily an organization problem and far less of a technical challenge. Press

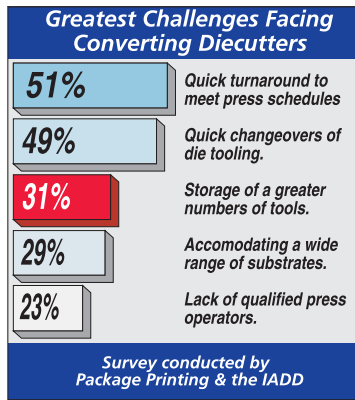
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Storing dies improperly can cause damage to tool surfaces, warping to dieboards due to moisture and other storage-related problems. These factors can cause serious delays when the tools are relied upon to produce.



“Every tool, material, and part, must be on hand, in the right place at the right time and in optimal condition!”



Wagner's Henderson storage systems allow for optimal space efficiency. They are a cost-effective solution for tool storage and transport. Storage systems are available for flat dies, rotary dies, printing plates and ink.

changeover is said to demand the precise organization of a Hospital Emergency Room, and the operating fury of an Indianapolis Pit Crew! And the key to both highly charged activities is "Inventory Management".

To manage tools effectively it was necessary to develop a tool storage system, which had the ability to handle different shapes and types of tool sets. A flexibility to adjust to a wide variety of different tooling and materials. And a system designed to separate and protect each tool, and was multi-level, to maximize the use of expensive floor space. This challenge was met and solved by Wagner Die Supply with their Henderson storage systems.

Henderson: Professional Converting Storage Solutions

Wagner's Henderson storage systems are modular racking systems, that can be customized in an almost unlimited number of ways. Recognizing the diversity of tooling, in both size and shape, a requirement to store a range of platen and rotary tooling, and a demand to integrate printing tools and materials, the systems are designed to provide maximum flexibility. Henderson systems are specifically designed for each application, they are simple to assemble, erect, and modify, and the ease of customization enables the system to adapt precisely to the needs of each organization. And, as a company expands and upgrades technology, the system can be quickly and simply modified to address changing needs.

Henderson systems by Wagner, have the flexibility to maximize the potential storage space available, with a small footprint and multi-level storage capability. The racking can be used as a free-standing unit, integrated into adjacent structures, and it even has mobile and temporary storage options, with flatbed and rotary storage carts.

Henderson systems not only provide an effective solution for storing tools, it is user-friendly and safer than alternatives, as tool loading, inspection, and removal, is so simple. The benefits to implementing a properly configured Henderson storage system are numerous. They will not only optimize storage, but enhance your operation's overall productivity.

Henderson storage systems provide the following benefits:

- An effective method of organizing and managing diecutting tooling.
- Protects and preserves tools in optimal condition.
- Fast access and a simple method of tool inventory management.
- Enables press work areas to be equipped and cleared quickly and efficiently.
- Maximizes space utilization with compact, multi-level storage.
- Eliminates tool damage and rework delays.
- Stabilizes, protects, extends the productive life of tooling.
- Reduces make-ready, press lost time and rework.
- Versatile storage; by individual, application, group, or customer.
- Safe, neat, time-saving and cost effective way to store tooling.
- Cost savings: realized by minimizing damage to tooling, expediting the location of tooling, and by maximizing the efficiency of the storage area.



Specialized transfer carts are available from Wagner Die Supply as well. These carts minimize damage to dies and tools when moving from storage to press and back. Flat die storage cart is shown above, rotary die cart and printing plate carts are also available.

■ **At Wagner Die Supply we have the experience and determination to work with your diecutting and diemaking team, to design a Henderson Storage System that will precisely address your needs.**

For more information, please contact us at:
(800) 423-4478 toll free
or visit our website at
www.wagnerdiesupply.com



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