



SAWING PRODUCTS

Solutions For All Your Sawing Needs

DoALL is the only manufacturer of all sawing elements - saw blades, sawing machines, cutting fluids and material handling systems, with value-added services and support second to none.



- **Band Saw Blades**

DoALL offers the most complete line of band saw blades in the industry including Bi-Metal, Tungsten Carbide Tipped, Grit Edge, Carbon Steel and Knife Edge blades to meet all your sawing needs.

- **Sawing Machines**

DoALL offers a wide variety of sawing machines for production applications, general purpose use, miter cutting and vertical contour sawing. Our engineers can also design a machine to meet all your sawing needs.

- **Cutting Fluids**

DoALL offers a choice of cutting fluids including cutting oils, soluble oils, semi-synthetics, synthetics and direct application fluids to meet all your sawing needs.

- **Material Handling**

DoALL offers a selection of standard and custom-designed material handling solutions that include integrated sawing systems, cells and automated storage and retrieval systems to meet all your sawing needs.

- **Sales and Service**

DoALL offers value-added services through local distributors that provide factory trained service and repair technicians, application engineering, training programs and financing plans to meet all your sawing needs.



SAWING PRODUCTS

888-DoALLSAW • www.doallsawing.com



SAWING PRODUCTS

SPECIALTY SYSTEMS



plate saws
diamond saws
material handling systems
custom saws & systems
automated storage & retrieval systems

Solutions For **ALL** Your Sawing Needs

MAXIMIZE YOUR SAWING PRODUCTIVITY

- Produce more cuts per hour
- Reduce labor costs
- Increase cutting accuracies
- Integrate secondary operations
- Provide a safer working environment

In addition to our huge selection of standard sawing machines, DoALL offers the largest selection available of plate saws and diamond saws, custom saws, material handling systems and automated storage and retrieval systems.

DoALL is the only U.S. manufacturer that designs and builds a complete sawing system including everything from the machine tool, cutting tool, cutting fluid and material handling equipment, to the computer software that drives the system. Every component is fully integrated and tested at our factory before delivery. Installation time and costs are minimized and the system is up and running in your plant without start-up delays.

If you want maximum productivity out of your sawing operation, contact us today at **888-DoALLSAW** and let our engineers design a saw or system for you.

DoALL...
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Sawing Questions?
ask "SAM"
DoALL's Solutions & Applications Manager
SAM Hotline: 888-DoALLSAW
www.doallsawing.com

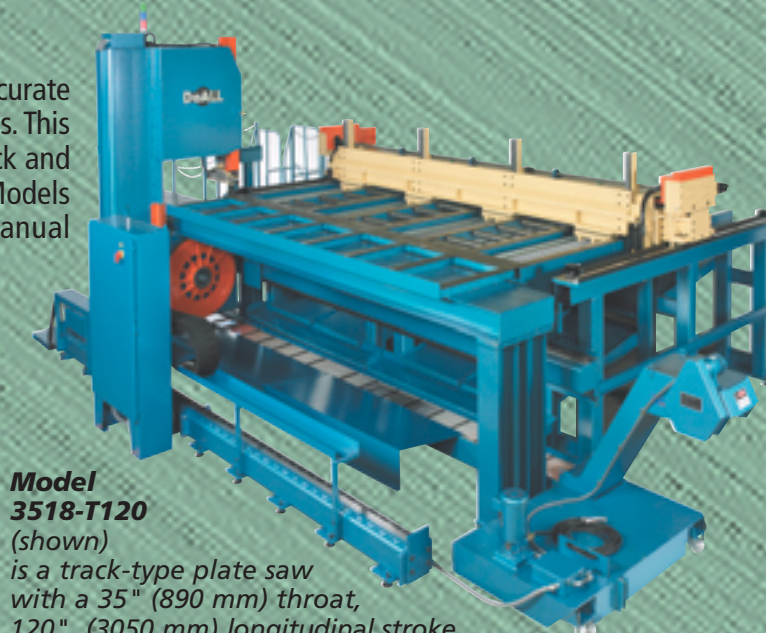
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PLATE SAWS

DoALL plate saws are designed for quick and accurate cutting of bars and plates into strips of varying widths. This allows you to reduce inventories of cut-to-width stock and increase the flexibility of your sawing operation. Models are available in a wide range of sizes with manual or CNC controls.



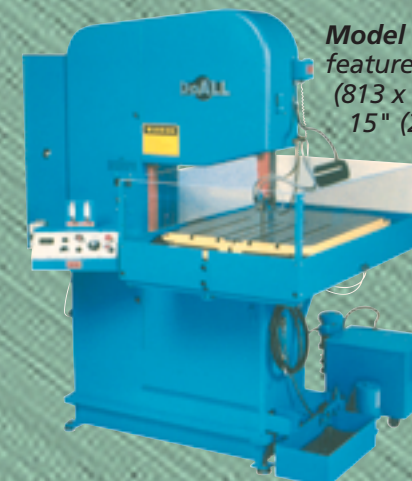
Model HS4816-T96 (shown)
is a non-ferrous plate saw with 48" (1220 mm) throat, 16" (405 mm) workheight and 96" (2440 mm) head travel. It features a CNC backgauge and pneumatic ball valves in the table for precise material positioning, and an integral cyclone-style chip collection system.



Model 3518-T120 (shown)
is a track-type plate saw with a 35" (890 mm) throat, 120" (3050 mm) longitudinal stroke and 18" (455 mm) thick maximum workpiece capacity.

DIAMOND SAWS

DoALL diamond saws utilize a diamond-edge band for slicing friable materials like ceramics, quartz, glass, carbide and graphite into thin sheets with low material loss and minimal operator attention. Models are available in various configurations with automatic indexing and CNC controls.



Model 2612-D15 (shown)
features a 32" x 41" (813 x 1041 mm) table with 15" (280 mm) table stroke and DC servo drive. Maximum work height is 12" (305 mm).



Model D-700NC (shown)
is an automatic indexing diamond saw with a rectangular cutting capacity of 28" (710 mm) wide by 28" (710 mm) high.

MAXIMIZE **YOUR** SAWING PRODUCTIVITY

MATERIAL HANDLING SYSTEMS

Material handling solutions can range from simple conveyors and staging tables to completely automated systems with secondary operations. They can be designed to work with new or existing saws and can incorporate lift tables, robots, weigh scales, deburrers, dust or scrap collection systems, lasers and other types of equipment to increase throughput capacity.



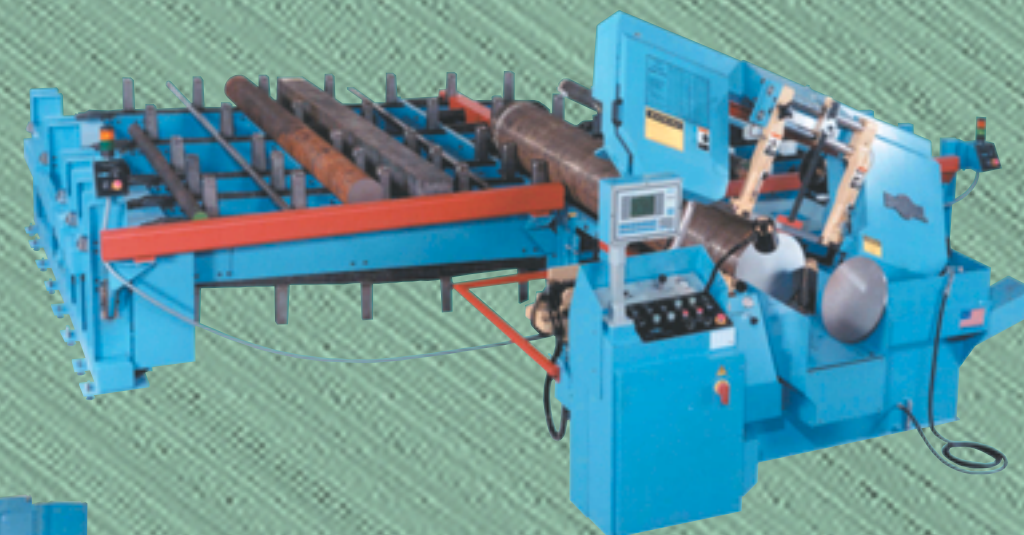
Automatic wire brush deburring machine integrated to a DoALL band saw. Cut parts are automatically rolled into the deburring unit, which then deburrs both ends simultaneously, ID and OD.



100 x 30 (2540 x 762mm) track-mounted band saw with heavy-duty material handling system for high-speed sawing of aluminum ingots features automated ingot handling and scrap removal.

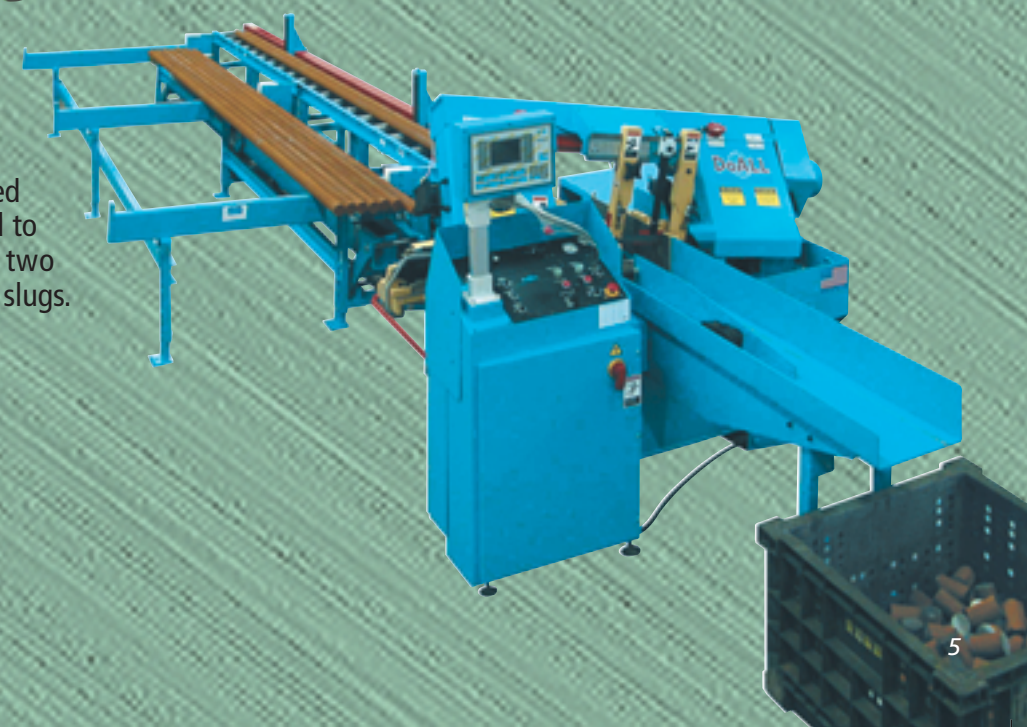
C-3300NC with strap-style infeed loader. The discharge unit incorporates a belt conveyor and bi-directional sweep that pushes cut parts onto a staging table for robotic transfer to a lathe, and scrap parts into a hopper for removal.

C-4100NC saw with infeed and remnant chain transfers. Infeed chains move raw stock onto an infeed conveyor. Remnant stock is backed out of the saw and placed on another set of chains.



2013-V3 vertical saw with HMD-60 hydraulic table and custom vee fixtures is used to split pipes lengthwise quickly and accurately with minimal operator involvement.

C-305NC production saw with infeed round bar loader. The system is designed to automatically feed, trim cut, and saw two bars at a time into forging slugs.



MAXIMIZE **YOUR** SAWING PRODUCTIVITY



CUSTOM SAWS & SYSTEMS

DoALL custom saws and systems can range from modified standard machines to those designed from the ground up for specific customer applications. They offer the widest range of capabilities and can be engineered to cut any type of material in any size, shape or configuration.

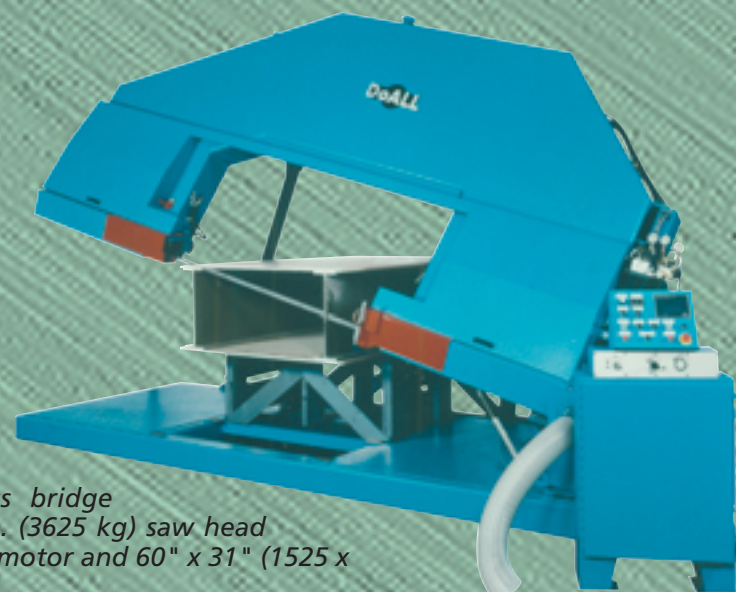
Dual modified C-305NC saws are remote controlled and feature an explosion-proof design. They are used for cutting the nose cones from live 155-mm howitzer shells to salvage the explosive charges.



Custom saw design for contour cutting honeycomb materials. The unique "C" shaped, three-wheeled head rotates about a "C" shaped rail to allow angle cutting at 70 degrees right and left.



Pivoting head power saw for cutting fiberglass bridge beams features an 8,000-lb. (3625 kg) saw head with 25-hp (18.6 kW) drive motor and 60" x 31" (1525 x 785 mm) cutting capacity.



AUTOMATED STORAGE & RETRIEVAL SYSTEMS

DoALL-Remmert AS/RS systems are available in four styles – long bar, sheet, mini-load and pallet – for optimum cubic space utilization. They can be simple, stand alone units or completely automated systems that offer capabilities to integrate with new or existing equipment and information management systems.



Sheet-style system provides real time inventory control plus excellent space utilization with systems as tall as 80-ft. (24.4 m). Systems can hold pallets of sheets weighing over 5-tons (4535 kg) each.



Bar-style storage system holds single bars or cassettes and features an automatic picking system that quickly delivers materials to the desired workstation.