Tonnard Manufacturing
Project Profile

Tonnard Manufacturing is a large metal press shop that uses thousands of dies on hundreds of punch presses ranging in size from 10 to 440 tons. With some orders running for only hours, dies need to be stored in an organized and easy-to-retrieve manner to minimize downtime. Ridg-U-Rak installed Stac-U-Rak Stacker Systems for die and work storage. Removable steel pallets that engage at varying levels are ideal for tool and die applications. Integral cranes with an optional camera system allow for easy and safe placement and retrieval.

Tonnard's Requirements:
• Organize tooling storage
• Store items weighing up to 4,000 lbs.
• Safe and reliable to operate
• Maximize height to minimize storage footprint

Ridg-U-Rak's Solution:
• 27-foot high Stac-U-Rak double aisle die storage system with integral stacker crane
• 4,000 lb. capacity removable steel pallets (36" x 36" and 42" x 42")
• Video camera and monitor for easy pallet storage and retrieval
• All motions fully motorized with variable drives to provide ergonomic value

"Productivity has increased, …wasted time searching for dies has been eliminated and the incidence of misplaced tooling has been reduced by 90%. We are very pleased with the system and plan to add to it shortly."

Brian Bills
President,
Tonnard Manufacturing

RMI CERTIFIED
RIDG-U-RAK
R-MARK
REG. #5150

RIDG·U·RAK®
Stac-U-Rak
Stacker System
Tonnard Manufacturing

Stac-U-Rak
Stacker Systems
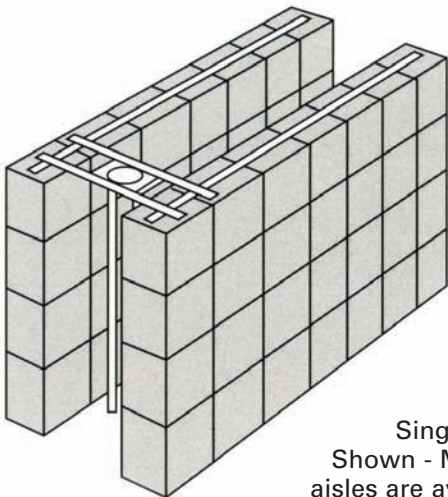

Stacker with Integral Crane

Improve storage density and simplify handling of heavy loads on removable steel pallets weighing up to 6,000 pounds. Stac-U-Rak uses proprietary pallets that engage heavily braced columns in slots at the rear and pegs in the front for ease of pallet alignment. Systems offer great flexibility and a variety of storage configurations. A fully motorized crane option makes operation easier and safer.

Features & Benefits:

- Steel pallet with tongue and hooks
- Heavy-duty bracing
- Increased storage flexibility
- 2,000/4,000/6,000 lbs. capacity standard per pallet
- Integrated safety features

Applications:

- Tool & Die Storage
- Organize components & sub-assemblies
- Work-in-progress storage

Single Aisle Shown - Multiple aisles are available