



MANUFACTURING, INC.

Titan[®]

2016 News in Review

August 14, 2016

SAFE DIE HANDLING IS A MAJOR DESIGN FOCUS AT GREEN VALLEY MANUFACTURING

Green Valley Manufacturing has built our reputation as an industry leading source for quick die change (QDC), quick mold change (QMC), heavy load transport, handling, and storage systems over the past 21 years with a strategic focus on safety. This emphasis provides our customers with a working environment that improves productivity, reduces fatigue, improves morale, and reduces accidents, resulting in cost savings. Customers have been turning to Green Valley's **Titan** brand for safety enhancing products such as mold or die changers and splitters, carts, trucks, shuttles, trailers, transporters, work horses, and storage racks.

We are replacing our customers' cranes, generic designed fork lifts, manual pump carts, and the like with custom equipment designed to meet the needs of an ever increasing safety conscious manufacturing sector.



The **Titan** mold or die splitters allow for safe and efficient separating of molds or dies during maintenance, and can be built to the unique tool size, and plant configuration.



Titan mold upenders, rotators, or tippers allow for safe handling of molds during maintenance; providing a more efficient process for mold assembly/dis-assembly, increasing productivity while protecting employees from hazardous operations.



Titan Coil Upenders or Coil Tippers allow the user to load palletized metal coils onto the deck, then invert them to the horizontal orientation for feed line loading, to provide safe and efficient delivery of coils throughout the manufacturing facility.

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(LEFT) **Titan** Free Range Transporters, with capacities up to 160,000 lbs., are offered with a variety of safety options including: wireless remote control, laser scanner collision avoidance system, blue/red light pedestrian warning, custom color paint, audible alarms and strobe, E-stop bumpers, collision avoidance sensors, access steps and hand rails, head and rear lights, rear view mirrors, and safety gates/chains at on-board operator station.



(ABOVE) Green Valley's **Titan** Carts and Storage Racks are engineered for the appropriate size loads and are offered with optional locking and docking rail to align and retain the Green Valley companion cart, manual die stop pins, cart activated fail safe gravity die stops, docking lips to secure the cart to the press/rack during die transfers, floor locks, and die cart deck interlock brackets, among other safety features. All **Titan** equipment clearly displays the equipment-rated capacity so employees can avoid overloading the equipment, creating potentially dangerous situations.



Titan Carts are ergonomically designed to reduce operator fatigue and deck surface or mechanical push/pull system options allow for the safe and easy transfer of molds and dies to press or rack.



(LEFT) **Titan** Work Horses (Saw Horses) are known for their spring loaded suspension system allowing easy unloaded work horse placement. Staging of the sawhorses can be done easily without cranes or forklifts. No heavy lifting required, even though the standard 20,000 lb. capacity horses weight about 400 pounds each.



(ABOVE RIGHT) **Titan** steel Coil Cradles allow easy, efficient, safe, stable storage and relocation of coils by forklift instead of by the more dangerous practice of using overhead cranes and hooks. Each **Titan** Coil Cradle is designed to safely support the weight, dimensions, and design of the particular coil.

Die, mold and coil transfer handling is complicated and can cause safety concerns. Customers can depend on Titan products for quality, durability, longevity, and for the safety of those working on the plant floor.