



CATERPILLAR SOLUTION SPOTLIGHT

RACK ENGINEERING DIVISION (RED)

THE PROBLEM

Multiple Caterpillar manufacturing and remanufacturing sites needed an ergonomic, high capacity storage solution to improve workflow and safety for stockers and assembly line workers so parts and tools could be loaded, tracked and accessed quickly, without interfering with each other's activities or pathway.

OUR SOLUTION

Rack Engineering Division provided two solutions, Glide-Out Storage Racks with capacities up to 2,000 pounds per shelf and specially designed Rear Loading Glide-Out Storage Racks with capacities up to 4,000 pounds per shelf. Here are some of the winning features:

- Ergonomic access to parts and tools with fully extendable, glide-out shelves for loading and retrieving tools and parts
- Rear loading unit provided a way for shelves to be stocked on one side of the unit and accessed by line workers on the other side
- Quickly recognize if something is missing or needs restocked
- Optional safety features to prevent multiple shelves from being opened at once as well as preventing shelves from moving while in use

Rack Engineering was able to assist Caterpillar with heavy duty, ergonomic storage options to improve worker safety and workflow efficiency directly impacting the bottom line and safety initiatives!

PROJECT PROFILE

Title	Supply Chain, Process and Manufacturing Engineers
Location	Manufacturing, Remanufacturing and Caterpillar Paving Products
Application	Manufacturing & Assembly

ABOUT US

Rack Engineering Division (RED) specializes in the manufacturing of racking and storage solutions that are heavy duty and constructed to endure high capacities and tough industrial environments. Rack Engineering Division was originally founded in 1935 in response to an industry need for cost effective solutions to storage and handling problems for raw materials and tooling while helping customers save time and space by optimizing workflow. Since this time we continue to solve high capacity storage challenges with a quality product supported by a wide network of distributors and integrators throughout North America.

