

AUTOMOTIVE - CONSTRUCTION

SLIDING DOOR FOR CRANE CABS

DIRTY
ENVIRONMENTLONG
LIFE

COMPACT



SMOOTH

DualVee® and UtiliTrak® introduce a compact entry solution for crane cabs

Cabs for cranes and similar construction vehicles often include a sliding door instead of a swing-out variety. This reduces the space available when opening the door, which is especially important when operators are exiting onto a small platform with safety rails.

CHALLENGE

A well known designer and manufacturer of crane equipment cabs wanted to outfit their cabs with smooth-running and compact sliding doors. Additionally, since this equipment may be on job sites 24/7 for long periods of time, the systems should be corrosion-resistant and have a long-life expectancy.

SOLUTION

The manufacturer chose Bishop-Wisecarver's DualVee® guide wheels and track and UtiliTrak® PW Series Wheel Plates and Track for this application. The DualVee wheels and track are mounted near the top of the door to take the bulk of the weight. UtiliTrak® PW Series compact linear guides mounted near the bottom of the cab further stabilize the door. Both work together to provide incredibly smooth operation without sacrificing any critical space. Corrosive-resistant materials, including stainless steel wheels with polymer overmolding, ensure the cab is built to last in the elements.