

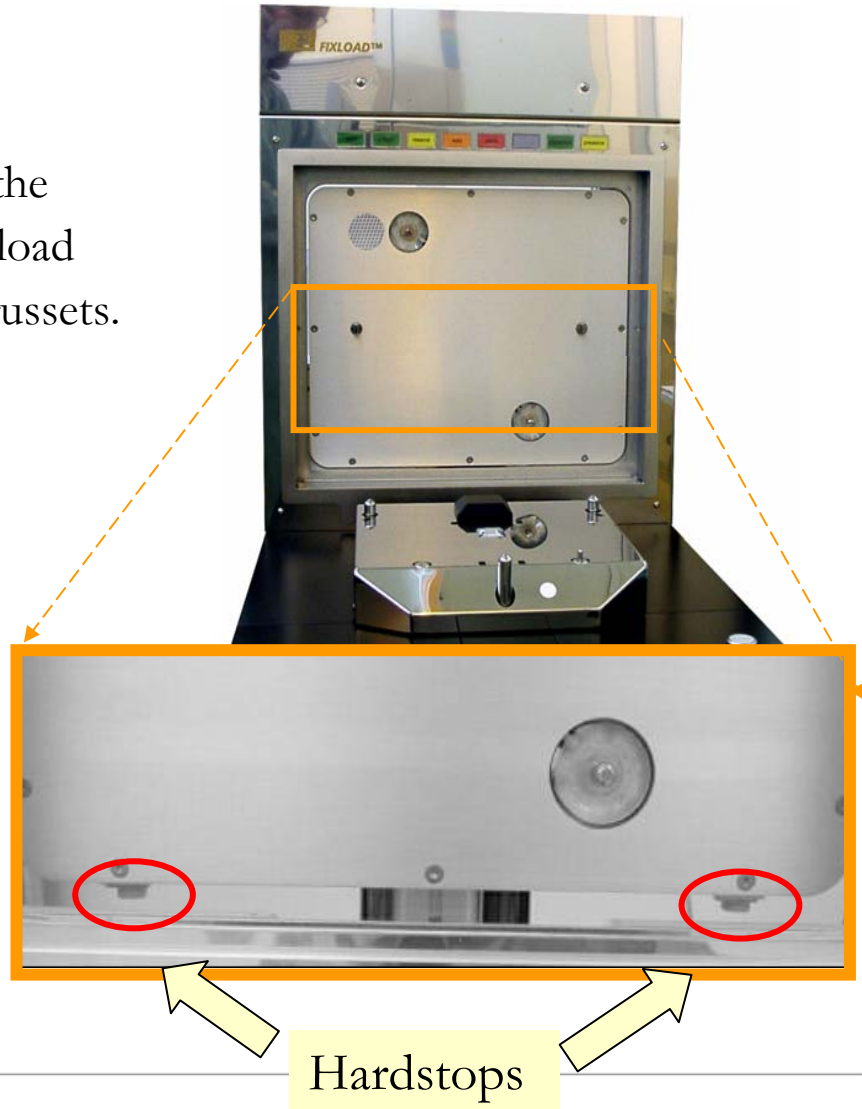
# Sabre<sup>®</sup>: Fixload V5/V6 Performance Upgrade

## Fixload V5 & V6 Upgrade:

- This upgrade can be performed at the Customer's facility and tilt cylinder and the installation of door hard-stops. The Fixload V5 also includes the installation of site gussets.

## Value Proposition:

- The Fixload upgrade is targeted at Customers looking to conform to the updated Semi standards to improve the reliability and consistency of the FOUP door closing.





# Sabre<sup>®</sup>: Fixload V5/V6 Performance Upgrade

## Features

- 25mm tilt cylinder kit,
- Closing force approx. 3x larger
- Hard-stops compensate for door deflection
- Hard stops maintain a uniform and rigid alignment of FIMS door to FOUP pod seal zone
- Meet modified SEMI E62

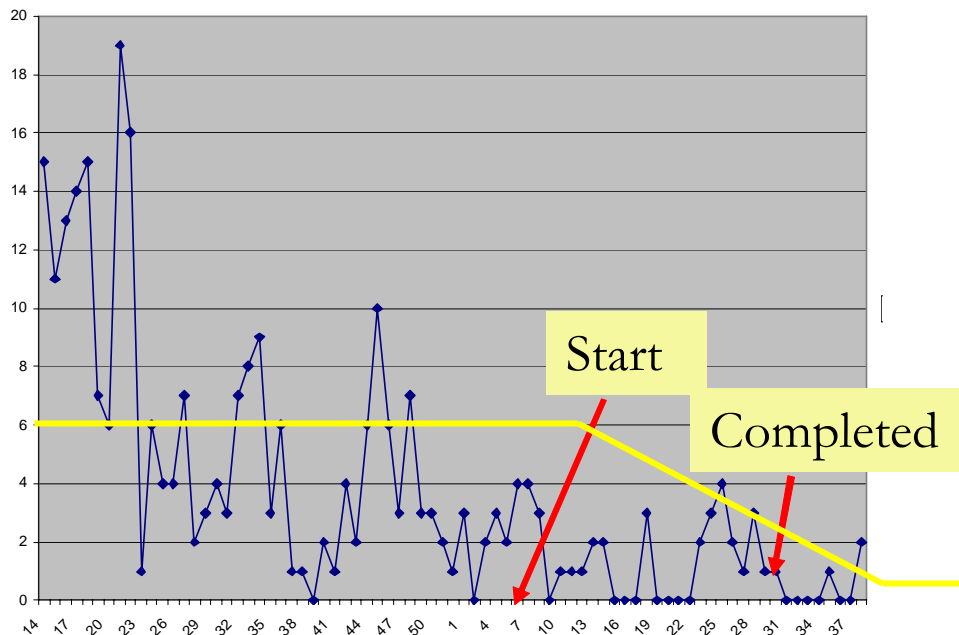
## Benefits

- Increased tool uptime
- Error reduction up to 90%
- Brings older Fixloads up to current SEMI specs (Limited door closing force due to SEMI E62 restriction)
- Reduced tray deflection on Fixload-5



# Error Reduction After Implementation

Opener Alarms



- Loadport upgrade includes stronger tilt cylinder and door-hard-stops
- Upgrades significantly increase loadport performance
- 100% backwards compatible
- Proven & cost efficient solution

- Loadport errors before upgrade (weekly average): 5.5
- Loadport errors after upgrade (weekly average): 0.5



90% error count reduction (weekly average)