



Kraus & Naimer  
BLUE LINE switchgear

**For isolation of**  
**new & existing plant,**  
**K&N interlocking**  
**systems are a**  
**simple mechanical**  
**solution to guarantee**  
**a safe work place.**  
**The robust design**  
**can withstand harsh**  
**environments**  
**including vibration**

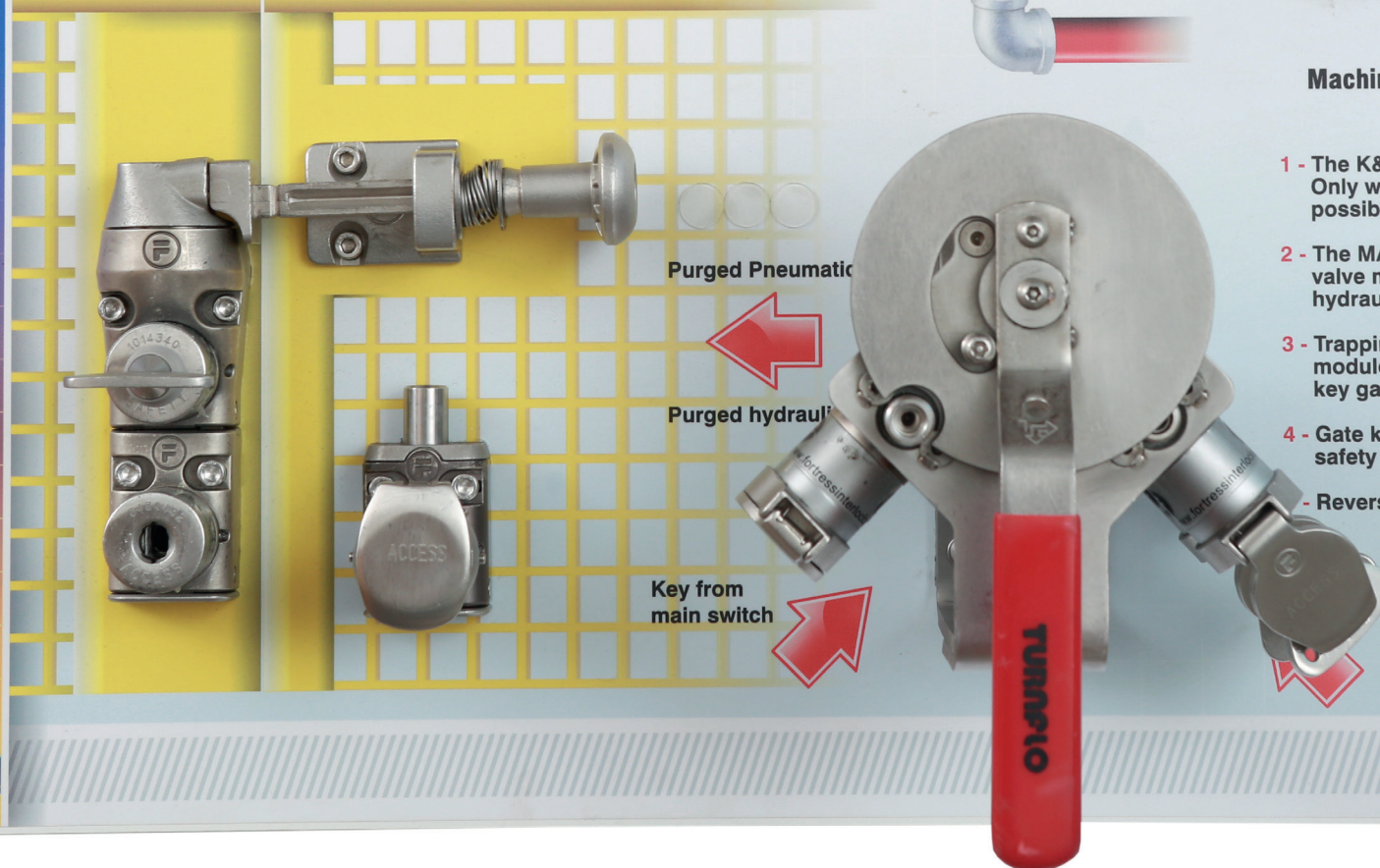


# Zero Energy Isolation

## Options Include

- Interlock with limit switch
- Interlock with main switch
- Solenoid controlled
- Time delay
- Atex key switch
- Key exchange box
- Dust covers
- Zinc/316 SS construction

## Safety Gate Access



## Machine guarding application example

- 1 - The K&N safety MAIN SWITCH is turned OFF. Only when the power is isolated is it possible to remove the trapped key.
  - 2 - The MAIN SWITCH key is inserted into the valve module. This allows the pneumatics, hydraulics etc. to be isolated and dumped.
  - 3 - Trapping the MAIN SWITCH key in the valve module allows the removal of the gate access key gaining access to the restricted area.
  - 4 - Gate key is taken by operator ensuing his safety while in restricted area.
- Reverse the steps to re-start.

Remove  
access keys