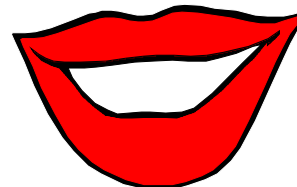




ALLOY HARDFACING

Evolving to meet YOUR Needs....

K.I.S.S. M.E.



Remember the KISS principle Keep It Simple, Stupid. When it comes to system control, Alloy believes this is essential and therefore the K.I.S.S. M.E. concept. *Kontrol Instrumentation Should be Simple, May we Explain.*

The Alloy Concept Will Save You Money Through:

Increased Throughput:

By the very nature of today's continuous systems you cannot be assured of first in first out processing. However, this can be improved with proper infeed and discharge control. If product is removed from the cooker as quickly as possible and if cooker level is maintained, throughput increases.

Improved Product:

In a continuous process, the key to quality is keeping residence time to a minimum. This is accomplished with proper feed and discharge control.

Limited Investment:

The Alloy approach makes use of your current investment as much as possible. Regardless of your current feed and discharge configuration the Alloy control system can be adapted to work within your system.

The Alloy System is Simple:

Making use of Temperature Sensing for duration control and Level Sensing for level control, Alloy system employs a PLC to control the process and provide maximum throughput.

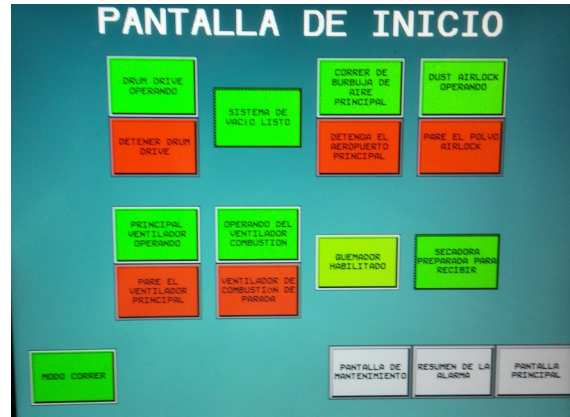


ALLOY HARDFACING & ENGINEERING CO., INC.

20425 Johnson Memorial Drive, Jordan, MN 55352
1-800-328-8408 or 952-49ALLOY FAX 952-492-3100

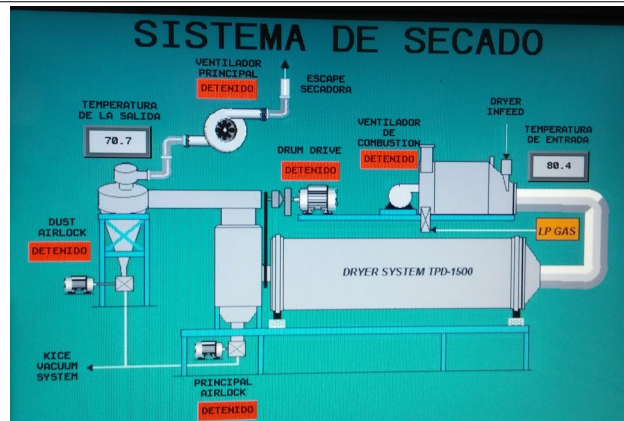
www.alloyhardfacing.com or email salesinfo@alloyhardfacing.net

Regardless of your control needs,
Alloy Keeps Instrumentation Simple, simple as 1, 2, 3.



1. Basic Controls: Using level and temperature sensing to control discharge rates.

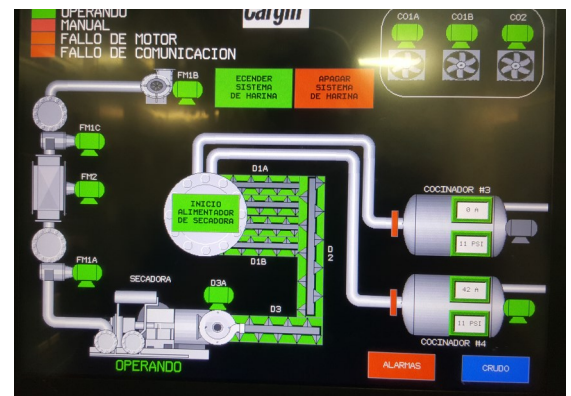
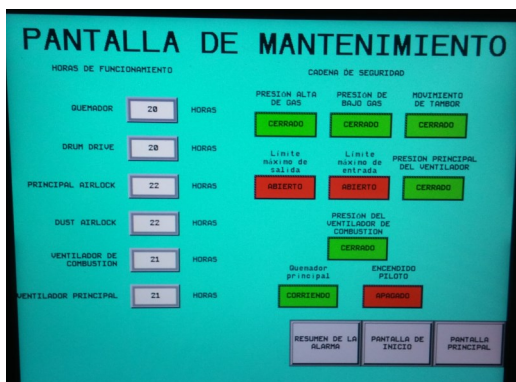
Full graphic panels for visual feedback of process.



Extensive readout of process parameters for operator control

Full manual overrides

2. Intermediate Controls: Using level and temperature sensing as well as dual P.I.D. loops to control feed and discharge rates.



Complete operator feedback

3. Advanced Controls: Using level and temperature sensing as well as quadruple P.I.D. loops to control the cooking and pressing process and well as heat recovery discharge rates.