MAJOR FEATURE LISTING

MAUL TECHNOLOGY M-2000 I.S. MACHINE CONTROLLER
WITH INTEGRATED MACHINE DRIVE AND PUSHER SYSTEM

Overview

Machine Drive and Electronic Pusher fully integrated with the I.S. Electronic Timing System:

All Products Operate as One System with single point control via Hot End, Master or Hand Held Terminals
System Computers connected via a Fiber Optic Local Area Network for noise immunity and reliability
Touch Screen Operator Interface for ease of use
Job History stores all user setup parameters controlled by the Maul Integrated System
Battery Backed Memory retains setup parameters and data during power outages
Comprehensive Alarm System with Time and Date Stamps and Long Term Disk Log
Graphic Displays for production reports, machine timing, pusher profiles, pusher retract/extend timing and speed
Programmable Hot Ware Reject System operates manually or with Swab, Cold Mold and Special Cycles and Gob Enable
On Line HELP system
Internal Diagnostics for troubleshooting and monitoring critical system functions
User Programmable Security for every system function
Includes all control terminals necessary – no additional personal computers or other equipment necessary

Additional Features

Electronic I.S. Machine Timing System:

Multiplex Technology greatly reduces the quantity of cables between control room and machine
Blank and Blow Mold Swab, Cold Mold and Special Cycles with programmable Hot Ware Reject control
Configurable Stop Position for all I.S. Machine Functions
Programmable number of Stop Cycles
Control of both Synchronous and Clutch Operated Stackers
Shear Spray Control
Operator Log with time and Date Stamps for tracking changes to setup parameters
Adjustable Offsets for Shop, Section, Hot Ware Reject, Stacker Push and Conveyor
Moves all Glass from Machine to Conveyor after power outage with Optional UPS and ample machine air
Event Groups, Collision listing, Operator Notepad and more

Electronic Pusher System:

Infinitely Variable Pusher Cam Profile with Graphic Display
Automatic Pusher Cam Angle Calculation
High Torque Pusher Motors and Drives

Electronic Machine Drive System:

Automatic Machine Drive Phasing after power up or Job Load with Phase Monitor Display
Incorporates Servo Controller for precise mechanism position control using reliable inverter drives

Production Data System:

Collects Production Data from the Electronic Timing System that is not available by any other means
Collects Production Data from optional counters mounted on single lines
Storage on Hard Disk for selectable retrieval at a later time
User Selectable Display in graphic, quantity of ware and percentage formats with hard copy print options
  Current Shift
  Any One of Three Previous Shifts
  User Defined Period with Selectable Start and End Dates and Times