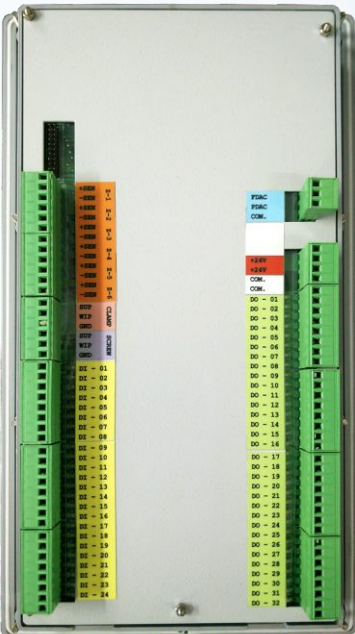
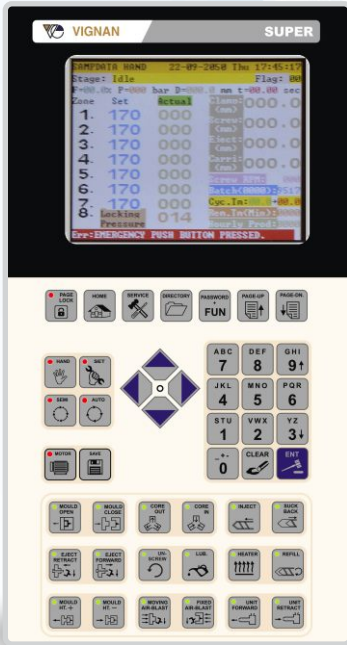


SUPER

For All Toggle Injection Molding Machine



TECHNICAL SPECIFICATIONS

System Configuration	Ultra Compact 3-piece system
MMI CPU	32-Bit ARM-7 Embedded Processor @72MHz
Display Graphical LCD	Display with 5.7" TFT 640*480 pixel resolution
LCD Backlit	LED Type for LCD longlife
No. of Keys	57-with LED indication for direct fn. call keys
Machine Scan Time	2500 microsec (400 times/sec)
MMI Scan Time	1000 microsec (1000times/sec)
No. of Mould Programs	30
Communication Channels	USB V2.0(back) @48MHz
No. of Digital Inputs	24 (Type NPN-NO, Max.Source Current 5ma)
Digital Inputs Feature	Can be configured as high speed counters
No. of Digital Outputs	32 (Max. current output of 2A for each o/p)
Digital Outputs Feature	Onsite programmable for each stage
No. of Analog Inputs	3 (2 Linear Pot.+1 PT optional)
No. of Temp. Sensors	6 (Type: RTD Pt-100 Isolated)
Analog Input Resolution	12-bit
Temp. Measuring Accuracy	0.25 °C
Temp. Control Accuracy	+1 to -2 °C of set value
Type of Temp. Control	Advanced Adaptive PID control
No. of PWM Outputs	2 Nos. digitally user calibrated
PWM O/P Voltage Range	0 to +10volts with 12-bit resolution
Power Consumption	3.25W max.(standby)
Max. Operating Temperature	60 °C



Vignan Electronics (P) Ltd.

Imagine. Inspire. Automate.