



CONTROL SYSTEMS



BY
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ENGINEERING WORKS**

CONTROL SYSTEM
PAPER MACHINE SECTIONS

- ❖ ***HEADBOX LOCAL CONTROL PANEL***
- ❖ ***WIRE PART LOCAL CONTROL PANEL***
- ❖ ***PRESS SECTION CONTROLDESK***
- ❖ ***DRYER SECTION CONTROLDESK***
- ❖ ***SIZE PRESS CONTROLDESK***
- ❖ ***POPE CONTROL DESK***
- ❖ ***REWINDER CONTROL PANELS***

HEADBOX LOCAL CONTROL PANEL

- Wall Mounted Local Control Panel for Headbox.
- PID controller to control the pressure & Pulp Level inside the Headbox
- Evener Roll Speed Control



WIRE PART LOCAL CONTROL PANEL

- Wall Mounted Local Control Panel for Headbox.
- PID controller to control the pressure & Pulp Level inside the Headbox
- Evener Roll Speed Control



PRESS SECTION CONTROLDESK

- Hydraulic Press I & II controls
- Press I & II operations shall be done through the control desk
- With relay logic controls
- With PLC logic controls
- Manual Gauges / Digital Pressure Gauges for Pressure Indication



PRESS SECTION CONTROLDESK

- Back side of the control desk shall be used for Hydraulic / Pneumatic pipelines
- Electrical compartments shall be in front side of the desk
- Individual Press Relief valves provided to control the loading pressure of Front Side / Back side of press roll



DRYER SECTION CONTROLDESK

- Dryer Control desk with Manual / Solenoid Pneumatic Control for
 - Doctor
 - Rope Stretcher
- Motorised Dryer Screen Stretcher Controls

SIZE PRESS CONTROL DESK

- Local Hydraulic Control panel for Size Press Operation
- Individual Pressure loading controls



POPE CONTROL DESK

- Manual Operated valves & Solenoid operated valves controls are available
- Motorised Primary Arm Movement controls
- Primary arm winding pressure control for individual side



POPE CONTROL DESK

- Secondary Arm Load Pressure Control
- Brake Pressure Control
- Doctor Pressure Control
- With Festo / Janatics Pneumatic valves



REWINDER CONTROL PANELS

- Electrical Control desk for Machine Controls
- Rider roll, Ejector and Cradle operations shall be done through the CD
- Rider Roll Winding NIP Pressure control
- Core Chuck Winding Pressure Control
- Unwind Tension Control



REWINDER CONTROL PANELS

- On Machine panel for easy paper feeding and drive start / stop control
- Electrical Junction Box for internal wirings



OUR STANDARDS

- We are manufacturing CRCA & SS Control desk and Control Panels for Paper Machine Section with our Engineering Team
- Panels which we are using in wet end like Breast Roll, FDR , Combining Roll and Head box shall be provided with IP65 grade
- We have our own fabricated panel design for customer requirement
- Rittal Make panel also can be adopted if it is required by our Customer
- We can provide you a complete solution with Sensors, LVDT, Limit switches and all PLC / Relay controls for each sections of Paper Machine

SS CONTROL DESK



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