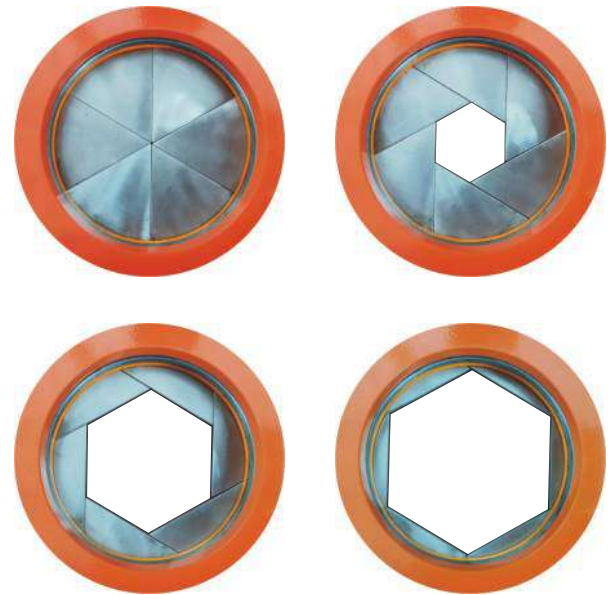




**YUTECH CSD Pneumatic Control Valve
Automatically Feeds Continuous Centrifugal Machine**



**YUTECH CSD Valve opens in a Hexagonal
shape through the Centre**

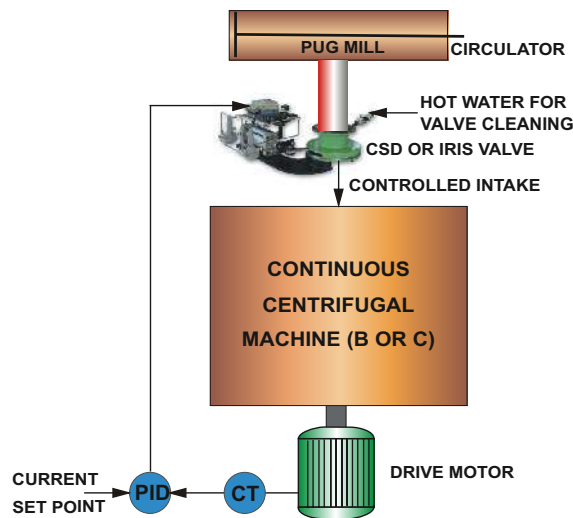


**YUTECH Concentric Split Diaphragm (CSD) Control Valve Also called Iris Type Control Valve with
Pneumatic Linear Actuation using Electro-Pneumatic Positioner**

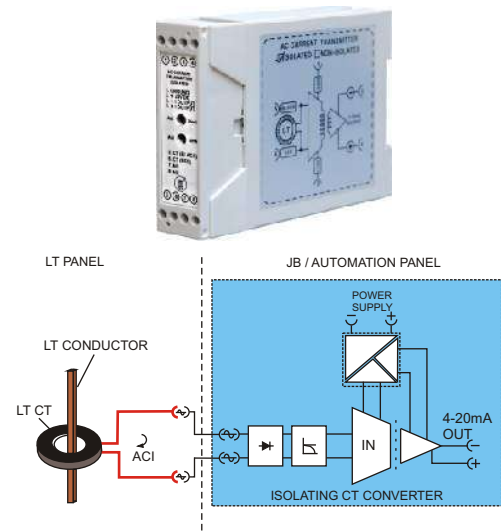
Continuous Centrifugal Machine Automation Advantages:

- Power, Steam and Water Saving due to constant controlled intake
- Machine Load Current Automatically Regulates CSD Valve for Masecuite Intake in PID Action
- Machine always runs on Preset Load Avoiding Under Capacity Performance or Overload
- Avoid Masecuite Overflow in all stages and Eliminate Sugar Wastage and Machine Downtime
- Optimum Capacity Utilization means More Production Consistently with the same Equipment and within the same Time-Frame
- **Reduce Cost of Ownership**
- **Save Money and Keep Consistently Creating Wealth**





Continuous Centrifugal Machine Automation Schematic Diagram



Drive Load Sensing using High Precision YUTECH CT Converter

Concentric Split Diaphragm Control Valve a with Pneumatic Linear Actuation using Electro-Pneumatic Positioner:

YUTECH CSD Control Valve provides perfect solution for intake of Masecuite in Continuous Centrifugal Machine, as it Split opens from the Centre thus allowing the Masecuite to fall perfectly in the Machine's Centre avoiding spilling / splattering hence facilitating a perfect and Optimized Machine Operation.

The Valve comes with Pneumatic Actuation and Electro-Pneumatic Positioning System which gives it Highly Accurate Linear Opening.

Continuous Centrifugal Machine Automation Features:

- Highly Accurate Sensing of Continuous Centrifugal Machine's Drive Motor Load
- Excellent High Resolution PID Control Action
- Maintained Drive Load Current as per Preset Value
- Constantly Controlled Intake of Masecuite with respect to Drive Load Current
- No Spilling or Overloading
- Valve Closes completely in the event of Drive Trip
- Heavy Duty Rugged CSD or Iris Valve Construction to Work in Shock and Vibration
- Heavy Guage SS CSD or Iris Valve Internals designed to operate at Heavy Loads without Deformities

Other YUTECH Systems and Products:

- Turnkey Sugar and Power Plant Automations
- Turnkey Sugar Mill and Process Automations
- Sugar Mill and Process Instruments
- Condensor Automations
- Turnkey Automations using DCS / PLC
- A wide range of Electronic Products like Isolators, Transmitters, Sensors, Controllers, Scanners, I/O Cards etc