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MATERIALS MANAGEMENT DIVISION
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Technical Specifications for Scissor for Z axis and Sand Spreader

A. Scissor type Mechanism for Z axis

Designing as per concept design from RML
Ball screw and guide unit for motion
Motor mounting
Bellows for Sand Box
Fabrication and Manufacturing of Scissor mechanism

B. Belt Driven type Sand Spreader

Dual Belt Driven Actuators with total stroke 1500mm
1.4Nm Servo motor and Servo drive with EtherCAT
Gearbox Ratio 10:1
Power and feedback cables 5mtrs
Bellows for Belt driven actuators
Mechanical structure for Belt driven actuator system
Aluminium roller based conveyor
1.4Nm Servo motor and drive with EtherCAT
Gear box ratio 20:1
Power and feedback cable 5 mtrs
Aluminium Hopper
Fabrication and Manufacturing
With Installation.