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| **Technical Requirements – Screw Conveyor (Material Characteristics)** | | |
| Material Type Sugar Pharma Ceramics Abrasive Starch Plastic Food Guar Gum Others | | |
| Bulk Material Density (in gm/cc) | | Feeding Material Temperature (in C°) |
| Moisture Content (in %) | | Target Mixing Time (in Minutes) |
| Particle Size (mesh size) | | Batch Mixing Size (in kg/Litres) |
| Corrosive Material Non Corrosive Material | | Max. Lump Size (in mm) |
| **Operation Time / Processing Time Yes No** | | |
| Batch Capacity (in kg/hr) Machine Utilization (in hrs/day) | | |
| **Material (MOC) Selection Yes No** | | |
| Contact Parts | MS SS-304 SS-316 Other | |
| Non Contact Parts | MS SS-304 SS-316 Other | |
| Structure / Foundation | MS SS-304 SS-316 Other | |
| Machine Finish | GMP Non-GMP Any | |
| **Screw Conveyor Design / Sizing Yes No** | | |
| Conveyor Type | Pipe U-Thru | |
| Dimension (MM) | Length Diameter Pipe Diameter | |
| Screw Design (MM) | Pitch Helix Size Helix Thickness | |
| Conveyor Inlet Connection | Flange Custom Other | |
| Conveyor Outlet Connection | Flange Custom Other | |
| Conveyor Mounting | Horizontal Vertical Angular | |
| **Mechanical Drive Selection Yes No** | | |
| Machine RPM | Min. Max. | |
| Drive Assembly | Belt-Pulley Chain-Sprocket Direct Coupled | |
| Gear Type | Worm Reduction Inline Helical Planetary Cyclonical | |
| Gear Make (any Preference) | Elecon Varvel PBL Bonfiglioli Rotomotive Others | |
| **Electrical Drive Selection Yes No** | | |
| Motor Size | KW HP RPM | |
| Motor Mounting (Frame Size) | Foot Flange Other Frame Size | |
| Motor Specifications | Flame-Proof Other Special | |
| Motor Make (any Preference) | Crompton ABB Siemens Bharat Bijlee Nu Bharat Others | |

Above Technical Parameters / Clarity will be used to provide optimized solutions to suit requirements