# Project Report: testaaaa

## Project Details

Name: testaaaa

Client Name: aaaa

Capacity: aaaa

### 1. Mechanical Screen

### Sec01: General Data

|  |  |
| --- | --- |
| Field | Value |
| Manufacturer | Factory2 |
| Quantity | 12 |

### Sec02: Design Data

|  |  |
| --- | --- |
| Field | Value |
| Type | Multi tack2 |
| Flow | 0.112 m3/sec |
| No. of Rake | 32 |
| Width | 5802 mm |
| Length | 30002 mm |
| Dead plate | 4 mm |
| Space between bars | 25 mm |
| Bar Type | Rectangular |
| Bar section | 10x20 mm |
| Inclination | 75 Deg |

### Sec03: Gearmotor Data

|  |  |
| --- | --- |
| Field | Value |
| Gearbox Trade mark | SEW2 |
| Model | SA772/T |
| Electric Motor Trade Mark | SEW2 |
| Rated Power | 0.182 kW |
| Supply Voltage | 3802 V, 3 Phases, 50 Hz |

### Sec04: Control panel Data

|  |  |
| --- | --- |
| Field | Value |
| Local control panel | Electrostatic painting2 |
| Panel thicknesses | 22 mm |
| Protection | IP 54 |
| Component | Schneider |
| Operation | Manual / Automatic timer switch |

### Sec05: Material Data

|  |  |
| --- | --- |
| Field | Value |
| Material of Frame & Guide | AISI 3162 |
| Dead plate | AISI 3162 |
| Rake | AISI 3162 |
| Bar screen | AISI 3162 |
| Sprocket | AISI 3162 |

### Sec06: Other Data

|  |  |
| --- | --- |
| Field | Value |
| Channel Width | 6002 mm |
| Channel Depth | 11802 mm |

### 2. Manual Screen

### Sec01: General Data

|  |  |
| --- | --- |
| Field | Value |
| Manufacturer | Factory21 |
| Quantity | 121 |
| Operation | Manual |

### Sec02: Design Data

|  |  |
| --- | --- |
| Field | Value |
| Flow | 0.11 m3/s |
| Width | 570 mm |
| Length | 2000 mm |
| Hand rake | No. 2 |
| Space between bar | 25 mm |
| Bar Type | Rectangular |
| Bar section | 10x30 mm |
| Inclination | 45 Deg |

### Sec03: Material Data

|  |  |
| --- | --- |
| Field | Value |
| Frame | AISI 316 |
| Rake | AISI 316 |
| Bar screen | AISI 316 |

### Sec04: Channel Data

|  |  |
| --- | --- |
| Field | Value |
| Channel Width | 600 mm |
| Depth | 1180 mm |

### 3. Manual Screen

### Sec01: General Data

|  |  |
| --- | --- |
| Field | Value |
| Manufacturer | Factory |
| Quantity | 1 |
| Operation | Manual |

### Sec02: Design Data

|  |  |
| --- | --- |
| Field | Value |
| Flow | 0.11 m3/s |
| Width | 570 mm |
| Length | 2000 mm |
| Hand rake | No. 2 |
| Space between bar | 25 mm |
| Bar Type | Rectangular |
| Bar section | 10x30 mm |
| Inclination | 45 Deg |

### Sec03: Material Data

|  |  |
| --- | --- |
| Field | Value |
| Frame | AISI 316 |
| Rake | AISI 316 |
| Bar screen | AISI 316 |

### Sec04: Channel Data

|  |  |
| --- | --- |
| Field | Value |
| Channel Width | 600 mm |
| Depth | 1180 mm |