Project Name:

testservice

Client Name:

tc

Capacity:

tc

### 1. Manual Screen

|  |  |
| --- | --- |
|  |  |
| Chanel Height (m) | 5 |
| Channel Width (m) | 5 |
| Water Level (m) | 5 |
| Water Level Margin (m) | 5 |
| Bar Spacing (m) | 0.075 |
| Bar Thickness (m) | 5 |
| Bar Width (m) | 5 |
| Angle | 5 |

|  |  |
| --- | --- |
|  |  |
| Weight (KG) | 24861621.11 |

### 2. Belt Conveyor

|  |  |
| --- | --- |
|  |  |
| Belt Length | 6000 |
| Belt Width | 9000 |
| Drum Diameter | 250 |
| Friction | 0.3 |
| Velocity | 0.4 |
| Factor of Safety | 1.5 |
| Belt weight per meter | 15 |

|  |  |
| --- | --- |
|  |  |
| Weight | 344.00 |
| Power | 5198.81 |
| Speed | 0 |

### 3. Gritremoval

|  |  |
| --- | --- |
|  |  |
| N of Channels | 2 |
| Channel Width | 8000 |
| Civil Width | 6000 |
| Bridge Length | 6 |
| Wheel Diameter | 4000 |
| Friction | 0.3 |
| Velocity | 0.05 |
| Safety Factor | 1.5 |

|  |  |
| --- | --- |
|  |  |
| Weight Total (kg) | 2241256.00 |
| Driving Power (kW) | 720403.71 |
| Driving Motor Speed (rpm) | 0.00 |
| Weight steel | 1256.00 |
| Weight St.St | 2240000.00 |
| Lifting Power (kW) | 904320.00 |