

MACHINES VIS-À-VIS UTILITY REQUIREMENT – A DETAILED CHART

| Sr. No | Machine | Utilities Required | | | | |
|--------|---|--------------------------------------|---|--|---------------|----------------------|
| | | Electricity | Water | Compressed Air | Cooling Tower | Battery Backup |
| 1 | Pos. Tub. Plt. Filling | 9 H.P. | - | At 5 kg/cm ² for pulsing operation | Not required | Not required |
| 2 | Vacuum Dry Charging – V4 | 12 KW for heaters & 3 H.P. for motor | Required ❖ Recirculation at 8ltr/min ❖ For cooling cycle also --- leading to some evaporation | Not required | Preferred | 2 Nos 12V32Ah min |
| 3 | Vacuum Dry Charging – V3 | 12 KW for heaters & 3 H.P. for motor | Required ❖ Recirculation at 8ltr/min ❖ For cooling cycle also --- leading to some evaporation | Not required | Preferred | Not required |
| 4 | Spine Grid Cutting & Tub. Bag Insertion Arrangement | Not required | Not required | Generally not required. However if pneumatic arrangement opted for - air shall be required | Not required | Not required |

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|---|---------------------------|---------------------------|---|--|--------------|--------------|
| 5 | Sr.No. Punching Equipment | Single Phase 230V A.C. | Not required | Generally not required. However if pneumatic arrangement opted for - air shall be required | Not required | Not required |
| 6 | Air Pressure Testing | Single Phase 230V A.C. | Not required | At 6 Kg/cm ² for testing of batteries | Not required | Not required |
| 7 | Lug Brushing Machine | 2 H.P. | Not required | At 5 kg/cm ² for pulsing operation | Not required | Not required |
| 8 | Pasting Machine | 3 H.P. | Required for belt & roller wetting – approx. 30 liters. per hour. | At 6 Kg/cm ² for hopper lifting and lowering | Not required | Not required |