

| SPECIFICATIONS | | HMT – PVC LINE* |
|--|---------------------|-----------------|
| MACHINE TYPE | UNIT | HMT 220T |
| INJECTION UNIT | - | 1000 |
| Screw Diameter | mm | 60 |
| Screw Type | - | PVC |
| Screw L/D Ratio | - | 20 |
| Theoretical Volume /Stroke Volume (*1) | cm ³ | 622 |
| Shot Weight (PVC) (*2) | g | 758 |
| Plasticizing Capacity (PVC) (*3) | g / s | 72 / 81 |
| Max. Injection Pressure | bar | 1636 |
| Injection Rate | cm ³ / s | 407 |
| Screw Stroke | mm | 220 |
| Nozzle Protrusion | mm | 45 |
| Screw Revolution | rpm | 125 |
| Automatic Temperature Control | Zone | 4 |
| CLAMPING UNIT | | |
| Mold Clamping Force | ton | 220 |
| Mold Opening Stroke | mm | 500 |
| Min./Max. Mold Height | mm | 230 / 500 |
| Maximum Daylight | mm | 1000 |
| Tie Bar Distance (H x V) | mm | 560 X 560 |
| Mold Platen Size (H x V) | mm | 820 X 820 |
| Ejector Stroke | mm | 110 |
| Ejector Force | ton | 7 |
| ELECTRIC DEVICES | | |
| Servo Drive (*4) | kW | 14 |
| Heater | kW | 21.5 |
| GENERAL | | |
| Machine Weight (* 6) | ton | 9.5 |
| Machine Size (L x W x H) (* 6) | m | 5.6 x 1.9 x 2.4 |
| Hydraulic Oil Tank Capacity | ltrs. | 600 |
| Cooling Water consumption | ltrs./min. | 10 |
| Note : | | |
| 1. Theoretical shot volume = Screw cylinder sectional area x screw stroke. | | |
| 2. Shot weight is calculated assuming melt density of 1.22 | | |
| 3. Plasticizing capacity is the value in the case of PVC | | |
| 4. Servo drive power mentioned is average power consumption depends on processing parameters. | | |
| 5. Machine comes with air cooler/radiator for oil cooling. | | |
| 6. Only for reference. | | |
| 7. Specifications are subject to change without notice. | | |
| *Standard machine with special PVC chrome plated screw with nitrided barrel, sequential operation. | | |
| Machine equipped with blower heater for zone 1,2,3. | | |

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|--|---------------------|-----------------|
| MACHINE TYPE | UNIT | HMT 220T |
| INJECTION UNIT | - | 1080 |
| Screw Diameter | mm | 70 |
| Screw Type | - | PVC |
| Screw L/D Ratio | - | 20 |
| Theoretical Volume /Stroke Volume (*1) | cm ³ | 846 |
| Shot Weight (PVC) (*2) | g | 981 / 1109 |
| Plasticizing Capacity (PVC) (*3) | g / s | 154 / 164 |
| Max. Injection Pressure | bar | 1277 |
| Injection Rate | cm ³ / s | 555 / 628 |
| Screw Stroke | mm | 220 |
| Nozzle Protrusion | mm | 45 |
| Screw Revolution | rpm | 255/240 |
| Automatic Temperature Control | Zone | 4 |
| CLAMPING UNIT | | |
| Mold Clamping Force | ton | 220 |
| Mold Opening Stroke | mm | 500 |
| Min./Max. Mold Height | mm | 230 / 500 |
| Maximum Daylight | mm | 1000 |
| Tie Bar Distance (H x V) | mm | 560 X 560 |
| Mold Platen Size (H x V) | mm | 820 X 820 |
| Ejector Stroke | mm | 110 |
| Ejector Force | ton | 7 |
| ELECTRIC DEVICES | | |
| Servo Drive (*4) | kW | 14 |
| Heater | kW | 21.5 |
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| Machine Weight (* 6) | ton | 9.5 |
| Machine Size (L x W x H) (* 6) | m | 5.6 x 1.9 x 2.4 |
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| Cooling Water consumption | ltrs./min. | 10 |
| Note : | | |
| 1. Theoretical shot volume = Screw cylinder sectional area x screw stroke. | | |
| 2. Shot weight is calculated assuming melt density of 1.22 | | |
| 3. Plasticizing capacity is the value in the case of PVC | | |
| 4. Servo drive power mentioned is average power consumption depends on processing parameters. | | |
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