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# Haitian MA5300Ⅲ/4500

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| Parameter Classification | Parameter | Unit | MA5300Ⅲ/4500 | | | |
|---|---|---|---|---|---|---|
| | | | A | B | C | D |
| INJECTION UNIT | Screw diameter | mm | 80 | 85 | 90 | 100 |
| | Screw L/D ratio | L/D | 22 | 20.7 | 19.6 | 17.6 |
| | Injection volume (theoretical) | $cm^3$ | 2212 | 2497 | 2799 | 3456 |
| | Injection weight (PS) | g | 2013 | 2272 | 2547 | 3145 |
| | Injection rate | g/s | 470 | 530 | 595 | 735 |
| | Injection rate (ESG)) | g/s | 522 | 589 | 660 | 815 |
| | Injection pressure | MPa | 197 | 175 | 156 | 126 |
| | Plasticizing rate (GPPS) | g/s | 66.9 | 74 | 84.2 | 102.8 |
| | Plasticizing rate (HDPE) | g/s | 97.2 | 108 | 122 | 150 |
| | Screw speed | rpm | 0-150 | | | |
| CLAMPING UNIT | Clamping force | kN | 5300 | | | |
| | Mold opening stroke | mm | 850 | | | |
| | Dist. between tie bars (H×V) | mm | 840×830 | | | |
| | Mold height max. | mm | 850 | | | |
| | Mold height min. | mm | 350 | | | |
| | Ejector stroke | mm | 220 | | | |
| | Ejector tonnage | kN | 158 | | | |
| OTHERS | Pump motor power | kW | 45+22 | | | |
| | Heater power | kW | 48 | | | |
| | Machine dimension (L×W×H) | m | 8.6×2.0×2.5 | | | |
| | Machine weight | t | 26 | | | |
| | Hopper capacity | kg | 100 | | | |
| | Oil tank | l | 800 | | | |
| Description | **Suitable Products:**<br>- Household plastic goods: extra-large thick-wall storage containers, oversized furniture plastic parts, large kitchen & bathroom housings and full-size household appliance components<br>- Electronic & electrical parts: ultra-large home appliance shells, heavy-duty industrial equipment enclosures and thick-wall electrical structural parts<br>- Automotive plastic parts: large vehicle interior trims, exterior plastic panels, thick-wall brackets and automotive functional accessories<br>- Packaging articles: large industrial plastic drums, bulk storage containers and heavy-duty packaging fittings<br>- General industrial plastic parts: super-large engineering plastic casings and heavy mechanical structural components | | | | | |