VOLUMETRIC DIVIDER

VD 3000 M - A - PLC
Combination of experience, knowledge and latest technology... Dough pieces divide properly with this machine through new designed dividing drum and intake piston without damaging and compressing the dough. Hopper and outside lids are made of stainless steel. Weight adjustment can be set up as manually (hand wheel) or via PLC controlled touch screen.

The machine can be produced with single or double pistons.

Dividing ranges are 50-200 gr., 100-600 gr. or 250-1000 gr.

Classic dough divider machines consume lots of oil and oil level in the tank must be controlled regularly. If not serious mechanical problems happens and most of the deformations are not repairable. ATS designed a new oiling system for the machine. The new system drops the oil for the surface of cylinder and also oiling around of pistons. Classic divider machines consume around 15 lt oil per week in a medium sized bakeries. By the new oiling system, ATS divider reduced the consumption for about 2.5 lt per week. Of course more oil saving mean is less production cost. On the other hand ATS added an alarm system to the new oiling system. By the way our clients never worry about the oiling level in the tank and prevents any mechanical damage in advance.

Thanks to oil recycling and filtering system that help us to save more food based oil.
Manuel Dividing Machine Specifications

- Weight adjustment by hand wheel
- The main body is made completely stainless steel
- Drum surface chrome plated
- Piston slot is made of stainless steel.
- Vacuum piston is made of anti-oxidation material.
- 24 V Control board
- Closed circuit lubrication system.
- Piston movies to discharge position automatically when the machine shut-off
- 70 kg. hopper capacity
- Stainless steel lids.
- Belt/pulley power transmission system

Automatic Divider Machine Specifications

- Weight adjustment by touchscreen panel
- The main body is made completely of stainless steel.
- Dough counting screen
- Electronic speed control unit
- Dough twicing system on the conveyor band.
- Drum surface chrome plated.
- Piston slot is made of stainless steel.
- Vacuum piston is made of anti-oxidation material.
- 24 V Control board
- Closed circuit lubrication system.
- Piston movies to discharge position automatically when the machine shut-off
- 70 kg. hopper capacity
- Stainless steel lids.
- Belt/pulley power transmission system

Option

- Single or double piston
- 50-200, 100-600 and 250-1000 gr dividing range
- Manual and touchscreen control panel
- Teflon coated hopper
- Big sized hopper (140 lt dough capacity)
<table>
<thead>
<tr>
<th>Model</th>
<th>Machine Dimension A x B x C x D x H</th>
<th>Capacity (Pcs/Hr)</th>
<th>Weight (kg)</th>
<th>Dividing Range</th>
<th>Motor Power (kw)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VD 3000 M</td>
<td>595 x 995 x 950 x 1380 x 1580</td>
<td>2400</td>
<td>450</td>
<td>70</td>
<td>1,5 kw 220 380 V AC 50 Hz</td>
</tr>
<tr>
<td>VD 3000 A</td>
<td>595 x 995 x 950 x 1380 x 1580</td>
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<td>450</td>
<td>110</td>
<td>100 - 600</td>
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<tr>
<td>VD 3000 PLC</td>
<td>595 x 995 x 950 x 1380 x 1580</td>
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<td>450</td>
<td>130</td>
<td>250 - 1000</td>
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<tr>
<td>VD 6000 M</td>
<td>750 x 1415 x 980 x 1415 x 1740</td>
<td>4800</td>
<td>700</td>
<td>70</td>
<td>2,2 kw 220 380 V AC 50 Hz</td>
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