Kawasaki Control Panel

Kawasaki's microcomputer control panel to differentiate for operability and quality

Control panel A: Keep air volume, temperature and rotation constant.
51-h control panel: Control with 5 levels for air volume and temperature, 2 levels for tea temperature, and 3 levels for rotation.
51W-h control panel: In addition to control functions of 51-h control panel, microcomputer control to change air volume and temperature according to weather conditions detected by a humidity sensor, dry off to specified value in the specified period, and perform dampness rolling.

5IMW-h control panel:
In addition to control functions of 51W-h control panel, create quality by changing heat quantity according to moisture measurement results every minute, and remove at the specified moisture percentage. Moreover, the removal moisture records for last 10 batches can be checked.

* Primary tea rolling dryer/wide primary tea rolling dryer specifications

<table>
<thead>
<tr>
<th>Standard</th>
<th>Specifications</th>
<th>Machine Panel dimensions (mm)</th>
<th>Take up drum (φ500)</th>
<th>Raw tea volume (kg/h)</th>
<th>Revolutions per minute (rpm)</th>
<th>Required power (kw)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60K</td>
<td>60K-51-h (Microcomputer 5-speed control)</td>
<td>Wide</td>
<td>3.18</td>
<td>2.10</td>
<td>1.09</td>
<td>45-60</td>
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<td>60K-51W-h (Microcomputer 5-speed control)</td>
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<td>2.46</td>
<td>2.20</td>
<td>0.78</td>
<td>45-60</td>
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<td>90K</td>
<td>90K-51-h (Microcomputer 5-speed control)</td>
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<td>2.53</td>
<td>1.55</td>
<td>70-90</td>
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<td></td>
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<td>2.63</td>
<td>1.17</td>
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<tr>
<td>120K</td>
<td>120K-51-h (Microcomputer 5-speed control)</td>
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<td>3.40</td>
<td>2.76</td>
<td>1.68</td>
<td>95-120</td>
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<td></td>
<td>120K-51W-h (Microcomputer 5-speed control)</td>
<td>Standard</td>
<td>3.10</td>
<td>2.82</td>
<td>1.50</td>
<td>95-120</td>
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<tr>
<td>180K</td>
<td>180K-51-h (Microcomputer 5-speed control)</td>
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<td>4.69</td>
<td>2.76</td>
<td>2.49</td>
<td>140-180</td>
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<td>2.29</td>
<td>140-180</td>
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<td>2.79</td>
<td>2.89</td>
<td>150-200</td>
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<td>2.89</td>
<td>2.49</td>
<td>150-200</td>
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<tr>
<td>240K</td>
<td>240K-51-h (Microcomputer 5-speed control)</td>
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<td>3.56</td>
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<td>5.66</td>
<td>2.86</td>
<td>3.02</td>
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</tbody>
</table>

* 0.2kw is added when automatic pool is attached.
* Communications function is added to 5IMW-h for FA specifications.
* Note that specifications and appearance are subject to change without notice in order to improve the machine.

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Middle size between tea scatter dryer and primary tea rolling dryer, and color when light twisting is improved
Suitable for pre-twisting process or as a primary tea rolling dryer for thin leaves through improved transpiration by
thinning tea layer and gentle low-pressure pressing arm rolls. This dryer is known for providing great tea leaf color.

Offers both twisting and stirring, pure color and no astringent taste
Twists and removes astringent taste, improves colors by twisting, stirring and blowing fresh hot air efficiently. Kneads
using a pressing arm with an optimal spring pressure according to the raw material tea leaves to dry out inner water,
quickly evaporates by stirring, and controls tea temperature and dampness to manufacture great tea.

3 in 1 Hyper
120K 200K 240K

Features
- Optimal rolling for all types of leaves from younger new shoots to over matured leaves without changing the rolling drum radius.
- Rolling with efficient tea temperature control using low air volume to manufacture great flavor tea,
- Dry out inner water by blowing hot air with special attention to rolling, finishing for pure color.
- Large removal door, no tea leaves are left behind in the drum when removing the drum contents.
- Front and rear doors are equipped as standard, easy cleaning.
- Transparent window is installed on new leaf scattering dryer for checking the rolling situation in the drum.

Cross Section Diagram

Low Blow Duct for Rolling
Lower the angle of the duct aiming at the bottom of drum, tea temperature can be kept with small volume of air.
Moist rolling with small volume of air.

No leaf Left Behind
Large removal door, no tea leaves are left behind in the drum when removing the drum contents.

Energy-saving Furnace
Energy-saving furnace by increasing the number of furnace tubes to enlarge the heat exchange surface.
Anti-dust air foil type fan requires no cleaning.

Clear View of Inside
Transparent window is installed on the new leaf scattering dryer to check the tea leaf movement.

Easy Adjustment from Young to Matured Leaves
The position of main shaft can be changed by operating the handle from the front of machine for leaf rolling and scattering adjustment.

Easy Cleaning
Rear door is installed as standard for easy cleaning. Open upward for easy operation. (Installed on 120K or higher models)

Easy Pressing Arm Adjustment
Removes incrustations and adjusts pressing arm from the surface floor because of front opening, wide opening drum.
(Except 35K)

Ideal Drum Volume
Change the drum volume based on the water content ratio to realize both finishing color and twisting.

Capacity ratio
1.4
1.2
1.0

Twisting arm (Optional)
Newly-designed twisting arm can hold more tea leaves, and twist even over-matured or large tea leaves to shape into sharp tea leaves.

Moisture Meter for Primary Tea Rolling Dryer
Control moisture precisely, manufacture high quality tea.

Removal Judgment Type
Removal judgment type microwave moisture meter to precisely measure the internal moisture every 40 seconds by sampling, and automatically remove when the measurement value reaches the specified water content ratio. Removable, compact, and easy-to-operate with a switch to switch between time removal and moisture removal.