Washing Machine

AUTHENTICALLY

Japan Made

The Hitachi Story
The Hitachi Story

True to its hallmark history and philosophy of innovation, Hitachi’s Washing Machines are big in both capacity and ability. From its powerful wash cycle that results in thorough washing and drying to its Wind Iron for minimum-crease clothing and its heat-recycling technology, each is a clean breakthrough, quite unrivalled. Indeed, Hitachi’s perpetual cycle of innovation ensures you are always equipped with Japan’s finest product technology.
**Auto Self Clean** – The Tub Stain Fighter

**Stainless steel tub**

- As well as automatically washing away dirt, the Auto Self Clean function will prevent mould growth.*2
- The Auto Self Clean function is very effective in removing 99% of germs.*1
- The dirt conditions vary according to usage patterns.*4

**Mechanisms that remove dirt effectively**

1. **Shower**
   - During washing, dirt gradually accumulates in the tub. After washing, dirt becomes attached to the tub, becoming harder to remove.

2. **Strong water flow**
   - The newly-designed drain hose comes with a smoothly-pleated inner surface and is further treated with antibacterial agents.*6
   - Unlike conventional hoses, dirt will find it difficult to remain in the hoses. Combined with high-speed wind generated by the Wind Iron, water is swiftly discharged separately through the drain hose.

3. **Nozzle layout**
   - The bottom of the stainless steel tub is realigned to allow water to flow out and shower the outer tub effectively.

**Dirt-resistant drain hose**

- The dirt-resistant drain hose is discarded easily due to the pleat-shaped drain hose.

**Remove germs** and prevent mould growth* with every wash

- The test was conducted on the BD-S7500 (base model of the BD-S5500 for Japan) in Japan, using water, soiled laundry and detergent of Japan.

**Wind Iron**

- The Wind Iron technology smoothens out wrinkles after washing and drying, so that you can wear clothes directly off the drum and save time on ironing. The big drum allows clothes to move freely when drying to prevent wrinkling, while the high-speed airflow of about 330km/h generated by the Jet Fan Motor stretches out the remaining wrinkles.

- Furharmors, a slight and gentle finishing is provided to the clothes, preventing change in form or shrinkage from heat through low heat drying with temperature of clothes at about 45°C and below.*5

**Steam Iron**

- The steam spray feature helps to remove wrinkles and shrinkage from the heat, and is ideal for ironing clothes. The steam spray feature also allows you to move the cloth smoothly, providing a gentle touch so that you can iron clothes without hassle.

**Steam Spary**

- You can steam out wrinkles of clothes directly after washing without operating this function.

**Desired operation – Program Load of clothes**

<table>
<thead>
<tr>
<th>Program</th>
<th>Load of clothes</th>
<th>Suitable for</th>
<th>Example of clothes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wash-Dry</td>
<td>0.5kg</td>
<td>Casual Shirt (1)</td>
<td>Cotton 100%</td>
</tr>
<tr>
<td>Wash-Dry</td>
<td>1.0kg</td>
<td>Casual Shirt (1)</td>
<td>Cotton 55% Polyester 25%</td>
</tr>
<tr>
<td>Wash-Dry</td>
<td>3.5kg</td>
<td>Casual Shirt (1), Blouses (2)</td>
<td>Cotton 75% Polyester 25%</td>
</tr>
<tr>
<td>Wash-Dry</td>
<td>6.0kg</td>
<td>Casual Shirt (1), Blouses (2), Handkerchief</td>
<td>Cotton 100%</td>
</tr>
</tbody>
</table>

**Smoothing out wrinkles**

- The smoothing effect varies depending on the load size and type of clothes. Wrinkles will be reduced after washing.

<table>
<thead>
<tr>
<th>Time</th>
<th>Load</th>
<th>Cotton 100%</th>
<th>Cotton 55% Polyester 25%</th>
<th>Cotton 75% Polyester 25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 min</td>
<td>0.5kg</td>
<td>0.5</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>30 min</td>
<td>1.0kg</td>
<td>1.0</td>
<td>1.0</td>
<td>3.5</td>
</tr>
<tr>
<td>60 min</td>
<td>3.5kg</td>
<td>3.5</td>
<td>3.5</td>
<td>6.0</td>
</tr>
</tbody>
</table>

**Smoothing**

- The smoothing effect will not be significant when the load is more than 1 kg.

**About wind circulation**

- The washing machine also comes equipped with the convenient Steam Iron feature that carries the dual-function of reducing wrinkles and colour at the same time. The Steam Iron can smoothly output up to 1kg of dry clothes that have been worn, hung or kept for a long period in one load. Used together with the Wind Iron, visibility of wrinkles will be reduced. Operating on warm Steam Spray temperature with added de-curling effect, you can now wear your clothes straight from the washer.

**Approximately 300km/h High-speed Wind**

- The high-speed wind generated by the Wind Iron effectively disperses the high-speed wind, allowing you to smooth out any wrinkles that may have been formed during the washing process.

- The smoothing effect will be most effective when the load size is less than 1 kg.
Detergent water prepared by dissolving detergent at the 2-way circulation pump is sprayed from the top of the wide drum with a jet flow. This new pump circulation enables a large amount of detergent water to be sprayed evenly across the tub, ensuring that laundry is thoroughly cleaned.

To maximise the beat washing effect, the drum rotation speed and amount of water used are automatically adjusted based on the type and laundry load size detected by the sensors.

When the [POWER SAVE] or [POWER SAVE STATIC DRY] program is selected, heat generated by the Jet Fan Motor is reused to power the high-speed airflow while simultaneously used as hot air in the dryer. This process is known as Heat Recycle Drying. During Heat Recycle Drying, heat generated from the main motor is transferred into the drum to raise temperature. Electricity usage is reduced.

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Nano Titanium: Nano Titanium technology allows clothes to be freshened without the use of water. The Nano Titanium Filter deodorises while hot air sterilises your laundry by eliminating bacteria. This function is ideal for items such as suits, hats and cushions that will lose their shapes if washed frequently, and bags that cannot be washed with water.

Designated with a massive drum depth of approximately 39cm that can easily fit up to approximately 75-litre capacity of laundry, your clothes can be washed at once to save time and electricity consumption.

User-Friendly Features
- Detergent inlet for top loading and easy lid removal
- Large white LCD panel for easy reading
- Door handle that can be easily opened with one hand
- Dry filter that is easy to remove

BD-S5500
- 10.5kg Wash Capacity
- 7.0kg Dry Capacity
- Direct Drive Inverter
- Auto Self Clean
- Wind Iron
- Heat Recycle Drying
- 3D Sensor Control Wash
- Big Drum
Wind Iron - So gentle on the clothes, you can put them on immediately – straight from the tub

Wind Iron
So clean – even without the Iron! (With a Wash-Dry load of 3kg)

Heat Recycle Drying

Avoids shrinkage or change in shape of socks etc!
Cotton 59%, Acrylic 26%, Nylon 12%, Polyester 2%, Polyurethane 1%

Washing Power – Achieves distinctive whiteness with ‘Sensor Big Drum Washing’

Big Drum Washing

Convenient Features

Nano Titanium Effective Odour Removal
In addition to the odour removal effect of ammonia and acetic acid, the odour removal effect for acetaldehyde is also enhanced.

Efficient for colour and fabric retention

Various Drum Size Options

• BD-W1300
  • Height: 82cm
  • Diameter: 61cm
  • Dry Capacity: 7.0 kg
  • Wash Capacity: 10.5 kg
  • 2-way Circulation Pump
  • Heat Recycle Drying
  • Big Drum

• BD-V3300
  • Height: 82cm
  • Diameter: 82cm
  • Dry Capacity: 10.0 kg
  • Wash Capacity: 16.8 kg
  • 2-way Circulation Pump
  • Heat Recycle Drying
  • Big Drum
**Specifications**

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Printed Date: XXth XXXX 2015. All models & specifications in content are subjected to change without prior notice. Color tone of actual products may differ from those shown in this catalogue.

### Drum Diameter [cm]

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Drum Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-S5500</td>
<td>approx. 60cm</td>
</tr>
<tr>
<td>BD-W3500</td>
<td>approx. 56cm</td>
</tr>
<tr>
<td>BD-W1500</td>
<td>approx. 53cm</td>
</tr>
</tbody>
</table>

### Rated Voltage [V] & Frequency [Hz]

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Rated Voltage</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-S5500</td>
<td>220-240</td>
<td>50</td>
</tr>
<tr>
<td>BD-W3500</td>
<td>220</td>
<td>50</td>
</tr>
<tr>
<td>BD-W1500</td>
<td>220</td>
<td>50</td>
</tr>
</tbody>
</table>

### Capacity

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity (Dry Cloth Weight) [kg]</th>
<th>Standard Water Consumption [L]</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-S5500</td>
<td>2-way (Air Cooling / Water Cooling) 66 / 75 (With Auto Self Clean)</td>
<td>94 / 103 (With Auto Self Clean)</td>
</tr>
<tr>
<td>BD-W3500</td>
<td>2-way (Air Cooling / Water Cooling) 64</td>
<td>97</td>
</tr>
<tr>
<td>BD-W1500</td>
<td>1-way (Water Cooling)</td>
<td>98</td>
</tr>
</tbody>
</table>

### Main Motor

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Rotation Speed [r/min]</th>
<th>Rated Power [W]</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-S5500</td>
<td>700/900/1,300 (1,875)</td>
<td>950 (1,600)</td>
</tr>
<tr>
<td>BD-W3500</td>
<td>700/900/1,300 (1,875)</td>
<td>950 (1,000)</td>
</tr>
<tr>
<td>BD-W1500</td>
<td>700/900/1,300 (1,875)</td>
<td>950 (1,000)</td>
</tr>
</tbody>
</table>

### Technology & Feature

#### Washing

- Water Saving 2-way Circulation Pump
- Deodorant Removing Odors and germs
- Lifter
- Cross Cut Tub
- Big Drum
- Tub Clean
- Tub Dry
- Flat Inner Wall Hose
- Auto Self Clean
- Steam Iron
- Heat Recycle Drying
- Dehumidification

#### Drying

- Wind Iron
- Heat Recycle Drying
- Dehumidification

#### Control Panel

- LCD 7 segment LED
- 56 Poles DD Moter
- Flat Inner Wall Hose
- Tub Clean
- Tub Dry
- Cross Cut Tub
- Big Drum

### Convenient Feature

- Water Cooling Dehumidifier

### Dimensions: W x D x H [mm]

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<thead>
<tr>
<th>Model Number</th>
<th>Dimensions: W x D x H [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-S5500</td>
<td>630 x 715 x 1,050</td>
</tr>
<tr>
<td>BD-W3500</td>
<td>735 x 620 x 1,050</td>
</tr>
<tr>
<td>BD-W1500</td>
<td>735 x 600 x 1,037</td>
</tr>
</tbody>
</table>

### Net Weight [kg]

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Net Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-S5500</td>
<td>83</td>
</tr>
<tr>
<td>BD-W3500</td>
<td>89</td>
</tr>
<tr>
<td>BD-W1500</td>
<td>80</td>
</tr>
</tbody>
</table>

**Notes:**

- The Big Drum actually takes up less space with a slim body design of about 60cm-diameter wide that fits in perfectly with any standard counter size. With an approximate 39cm-wide door opening and shallow tub of approximately 29cm-depth, it allows easy loading and unloading of laundry.
- The Big Drum, equipped with approximately 60cm-diameter wide drum, beat washing is done effectively and efficiently.
- Conventional clothes driers release large amount of moisture-heavy air inside your laundry room. This tends to cause condensation and mould. Hitachi has developed a system that siphons this warm wet air into cool water, which then harmlessly drains away.
- Equipped with a Lifter combined with approximately 60cm-diameter wide drum, beat washing is done effectively and efficiently.
- Our new improved “Diamond-shaped” structure surface tub enables high washing performance that has the classic hand-wash effect. Stubborn stains and dirt can be removed effectively, without damaging laundry during powerful wash and spin.
- Designed with a huge drum of about 60cm-diameter wide and a massive capacity close to 75 litres, you get your clothes washed and dried effectively all at the same time without fuss.

**Full view of tub**

**Close-up of tub surface**

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Press Note: This Specification attaches to Hitachi’s household appliances only. There could be differences in capacity, power, etc. due to volume and material. This specification is subject to change without notice. The price of the product is subject to change without notice.