Auto Intelligence
Inverter Washing Machine
Introducing the new Made In Japan Front Load Big Drum Washing Machine BD-S5500 with ground-breaking technologies developed exclusively by Hitachi. The multi-functional eco washing machine combines washer, dryer and steam iron into one intelligent system to bring unparalleled convenience to sophisticated users. It also features the original Auto Self Clean "The Tub Stain Fighter" that automatically washes the tub after use, alongside the innovative Wind Iron to effectively minimise time spent on ironing. Hitachi's innovation ingenuity does not end here. With the addition of the BD-W1500 model, now you have more varieties to suit any lifestyle needs.

As you use your washing machine day after day, dirt, such as sebum, detergent residue, bacteria, germs and black mould spores will gradually accumulate in the tub. If left uncleaned, the dirt build-up will eventually stain the tub and become harder to remove over time. Consequently, the dirt and stains will affect clothing quality and cleanliness.

Now, with Hitachi's Auto Self Clean, it will remove 99% of germs*1 and prevent mould growth*2 in each washing. When doing your laundry, switch the Auto Self Clean setting “ON”*3 and it automatically washes away dirt from the outside and bottom of the stainless steel tub, as well as the inside and bottom of the outer tub.

*1 Tested by Kitasato Research Centre for Environmental Science. • Test method: Measurement of the reduction rate of germs smeared on plates that are attached to the outer tub and drum. • Means for germs removal: Use of the Auto Self Clean function. • Test objects: Outer tub and drum. • Test result: Germs reduction rate: 99%. • 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.

*2 Tested by Kitasato Research Center for Environmental Science. • Test method: Confirmation of the inhibitory effect of mould growth on medium plates that are attached to the outer tub and drum. • Means for preventing mould growth: Use of the Auto Self Clean function. • Test objects: Outer tub and drum. • Test result: Mould reduction rate: 99%. • 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.

*3 The setting is switched off at the time of shipment from the factory. • Once switched on, Auto Self Clean operates everytime you do your laundry.
REMOVE GERMS*4 AND PREVENT MOULD GROWTH*5 IN EACH WASHING

THESE PLACES GET DIRTY EASILY

- Front cover of the outer tub
- Drum (inner tub)
- Bottom of outer tub and side

TUB WILL ACCUMULATE BLACK MOULDS IF NOT CLEANED OVERTIME

During washing, dirt gradually accumulate in the tub. After washing, dirt becomes attached to the tub and will be harder to remove.

MECHANISMS THAT REMOVE DIRT EFFECTIVELY

1. SHOWER
2. STRONG WATER FLOW
3. NEW SPIN HOLE LAYOUT

16 Shower Nozzles release clean water through High Speed Spinning to wash the front portion of the drum. Strong water flow collected from the bottom of the tub then washes the outer tub of the drum. In addition, New Spin Hole layout on the drum allows water from the inside of the drum to flow into the outer tub of the drum.

DIRT-RESISTANT DRAIN HOSE

The newly designed drain hose comes with a smooth inner surface without any pleats and is further treated with antibacterial agent*7. Dirt will find it difficult to remain in the hose as compared to conventional hoses. Combined with high-speed wind generated by the Wind Iron, water is swiftly discarded separately through the new drain hose.

Dirt inside the drain hose
Hidden dirt inside the hose*7
- The dirt conditions vary according to usage patterns
- Testing was conducted on the BD-S7500 (base model of the BD-S5500 for Japan) in Japan, using water, soiled laundry and detergent of Japan.

Conventional hose
Due to the pleats-shaped drain hose, water and dirt gets trapped easily.

Flat inner wall hose
Water and dirt are less likely to remain inside the hose.

Wind Iron technology using high-speed wind

- Test institution: Boken Quality Evaluation Institute
- Test method: JIS Z 2801 (Film adhesion method)
- Means for antibacterial finish: Blending an antibacterial agent into resin material
- Test object: Drain hose
- Test result: Antibacterial activity value: 2.0 or greater (considered to be antibacterial when this value is 2.0 or greater). The test was conducted on the BD-S5500 (base model of the BD-S5500 for Japan) in Japan.

*4 Tested by Kitasato Research Centre for Environmental Science. Test method: Measurement of the reduction rate of germs smeared on plates that are attached to the outer tub and drum. Means for germs removal: Use of the Auto Self Clean function. Test objects: Outer tub and drum. Test result: Germs reduction rate: 99%.

*5 Tested by Kitasato Research Centre for Environmental Science. Test method: Confirmation of the inhibitory effect of mould growth on medium plates that are attached to the outer tub and drum. Means for preventing mould growth: Use of the Auto Self Clean function. Test objects: Outer tub and drum. Test result: Mould reduction rate: 99%.

*6 Tested by Hitachi using a Hitachi washing machine. The dirt conditions vary according to usage patterns.

*7 Tested by Hitachi using a Hitachi washing machine. The dirt conditions vary according to usage patterns.
**WIND IRON**

Hitachi’s original Wind Iron technology smooths out wrinkles after washing and drying, so that you can wear clothes directly out of the drum and save time on ironing. The widened drum allows clothes to move freely when drying to prevent wrinkling, while the high-speed airflow of about 300km/h generated by the Jet Fan Motor stretches out the remaining wrinkles.

**HEAT RECYCLE DRYING**

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.

- **Recycled from the Main Motor**
  - Heat generated from the Main Motor is transferred into the drum to raise temperature.

- **Recycled from the Jet Fan**
  - In addition to heat from the heater, compressed heat from the Jet Fan which generates high-speed airflow, and heat from the Jet Fan Motor are used as hot air during drying.

- **Recycled heat from Eco Vent**
  - Air warmed by the main motor and heater enters the Eco Vent (open-close type inlet), which is set along the drying pipeline. The warm air is then used for drying.

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**Wash and wear everyday without ironing hassle**

- **1.0kg**
  - Blouse: Cotton 50%, Polyester 45%
  - Casual blouse: Cotton 100%
  - T-shirt: Cotton 100%
  - Trouser: Cotton 75%, Polyester 25%
  - Handkerchief: Cotton 100%

- **3.5kg**
  - Blouse: Cotton 55%, Polyester 45%
  - Casual blouse: Cotton 100%
  - T-shirt: Cotton 100%
  - Trouser: Cotton 75%, Polyester 25%
  - Handkerchief: Cotton 100%

- **6.0kg**
  - Blouse: Cotton 55%, Polyester 45%

*The Wind Iron operation reduces wrinkles with varying results depending on the wash load, the material of the items, and the types of items that are dried together. Wrinkles cannot be eliminated completely.
WIDE CIRCULATION SHOWER

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.

2-way circulation pump

3D SENSOR CONTROL WASH

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.

STEAM IRON

The washing machine also comes equipped with the convenient Steam Iron feature that carries the dual-function of reducing wrinkles and odour at the same time. The Steam Iron can smooth out 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 deodorizing effect, you can now wear your clothes straight from the washer.

Approximately 300km/h High-speed Wind

You can smooth out wrinkles of clothes which are hung, worn, or kept in closet*. You can also use it to smooth out wrinkles of dry clothes with Steam Iron.

Steam Spray

<table>
<thead>
<tr>
<th>Desired operation</th>
<th>Program</th>
<th>Load of clothes (g/kg)</th>
<th>Example of clothes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smoothing out wrinkles of dry clothes with Steam Iron</td>
<td>15 minutes</td>
<td>0.5kg</td>
<td>Casual Shirt (1), Blouse (1)</td>
</tr>
<tr>
<td></td>
<td>30 minutes</td>
<td>1.0kg</td>
<td>Casual Shirts (2), Blouses (2)</td>
</tr>
</tbody>
</table>

* The smoothing effect varies depending on the load size and type of clothes. Wrinkles will be reduced but cannot be completely removed when the load is more than 1kg. The smoothing effect will not be comparable to pressing with an iron.
BIG DRUM
Designed with a massive drum depth of approximately 39cm that can easily fit up to approximately 75 litres capacity of laundry, all your clothes can be washed at once to save time and electricity consumption.

HIGH SPEED SPIN
The Big Drum rotates at a very high speed of maximum 1,875 r/min so that the centrifugal coefficient is high, which enables thorough spin-drying in the shortest time.

ENERGY SAVING DIRECT DRIVE INVERTER*9
Advanced DD (Direct Drive) Inverter operation enables a further reduction in noise and energy demands. The use of a Direct Current Brushless Motor produces high torque while maintaining whisper-quiet operation.

HIGH-DAMPING HYDRAULIC SUSPENSION*9
Two oil pressure suspensions, just like the system used in automobiles, support the drum and flexibly change the degree of damping to match the amplitude of vibrations to dramatically reduce them. At the start of spin-drying when vibrations are large, thorough damping assures firm support for the drum. When the drum is spinning fast and vibrations are small, soft damping prevents the transmission of vibrations and provides gentle support for smooth operation. Support from two suspensions also minimizes transmission of vibrations to the washing machine casing.

4-PLY** AND 5-PLY*** LIQUID LOAD BALANCER
If the clothes in the drum become unevenly balanced, liquid inside the 4-Ply or 5-Ply chamber will move to the opposite side of the load to offset the imbalance. Making the drum better balanced in this way and it will dramatically reduce vibrations.

3D SENSOR CONTROL*9
The 3D Sensor Control accurately detects the overall vibration of the drum. This technology maintains optimum vibration control during drying time and virtually eliminates the occurrence of operational stoppage due to load imbalance.

4-PLY** AND 5-PLY*** LIQUID LOAD BALANCER
When the load is balanced, liquid inside the 4-Ply or 5-Ply chamber is moved away from the center of rotation by centrifugal force.

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.

NANO TITANIUM*9
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.

** For models BD-S5500 and BD-W1500.
*** For model BD-S5500.
For suits that cannot be washed with water.
For uniforms worn daily.
*9 For models BD-S5500 and BD-W1500.
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>BD-55000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>Wash 10.5 kg, Dry 7 kg</td>
</tr>
<tr>
<td><strong>Rotation</strong></td>
<td>Wash 10 – 41 r/min</td>
</tr>
<tr>
<td>Spinning</td>
<td>950 – 1,875 r/min (Slow Air Blowing Spin)</td>
</tr>
<tr>
<td><strong>Drying</strong></td>
<td>30 – 65 r/min</td>
</tr>
<tr>
<td><strong>Water Consumption</strong></td>
<td>Washing (Fuzzy) Program with Auto Self Clean: 103 litres, Washing (Fuzzy) Program without Auto Self Clean: 94 litres</td>
</tr>
<tr>
<td><strong>Washing Technology</strong></td>
<td>Big Drum Diameter: Approximately 53 cm</td>
</tr>
<tr>
<td><strong>Drying Technology</strong></td>
<td>Heat Recycle, Wind Iron, 2-Way Dehumidify (Air Cooling / Water Cooling)</td>
</tr>
<tr>
<td><strong>Energy Saving Technology</strong></td>
<td>Direct Drive Inverter Motor</td>
</tr>
<tr>
<td><strong>Low Vibration Technology</strong></td>
<td>High-Damping Hydraulic Suspension, 4-Ply Liquid Load Balancer, 3D Acceleration Sensor</td>
</tr>
<tr>
<td><strong>Cleaning Feature</strong></td>
<td>Nano Titanium Filter, Auto Self Clean</td>
</tr>
<tr>
<td><strong>Convenient Feature</strong></td>
<td>Steam Iron, Preset Washing Timer 3-12 hours, Stainless Steel Drum, Cross Cut Tub, Flat Inner Wall Hose, Finish Warning Sound, Adjustable Leg, Door Lock</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>AC 220 – 240 V, 50 Hz</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Champagne Gold</td>
</tr>
</tbody>
</table>

### Rated Power

| Wash | 500 W |
| Drying | 1,350 W |

### Dimensions

| Wash (With Drain Hose) | 630 mm |
| Wash (Without Drain Hose) | 600 mm |
| Dry (With Water Inlet Valve, Dry Filter & Detergent Case Lid) | 1,180 mm |
| Dry (Without Water Inlet Valve, Dry Filter & Detergent Case Lid) | 1,020 mm |
| D (Without Drain Hose) | 715 mm |

### Net Weight

| Approximately 83 kg |

### Installation Dimensions

![Installation Dimensions Diagram]
Another Hitachi’s innovation, the Made In Japan Front Load Big Drum Washing Machine BD-W1500 has a huge drum of approximately 60cm-diameter wide and massive capacity of approximately 75 litres. It enables easy washing of a bigger load for greater eco efficiency. Combined with "Cross Cut Tub" and Low Heat Drying functions, washing your laundry is so convenient, clean and an effective process. When it comes to technology, there’s truly no other like Hitachi.

Intelligently Silent
Inverter Washing Machine
COOL WATER DEHUMIDIFIER

Conventional clothes dryers release large amounts of moisture-heavy air inside your laundry room. This tends to cause condensation and mold. Hitachi has developed a system that siphons this warm wet air into cool water, which then harmlessly drains away.

SLIM BODY, WIDE AND SHALLOW DRUM

The Big Drum actually takes up less space with a slim body design of about 60cm depth 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.

WARM DRY

The clothes are dried in low temperature of about 60 Degree Celsius. This prevents wrinkling for a smoother finish while ensuring minimal shrinkage, damage, shape change or deformation due to heat. What’s more, your laundry can be retrieved while in the drying process.

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Conventional clothes dryers release large amounts of moisture-heavy air inside your laundry room. This tends to cause condensation and mold. Hitachi has developed a system that siphons this warm wet air into cool water, which then harmlessly drains away.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BD-W1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPACITY</td>
<td>Wash 10.5 kg, Dry 7.0 kg</td>
</tr>
<tr>
<td>ROTATION</td>
<td>WASHING 10 – 35 r/min, SPINNING 950 (1,000) r/min (warm spinning), DRYING 45 – 100 r/min</td>
</tr>
<tr>
<td>STANDARD WATER CONSUMPTION (at the rated capacity)</td>
<td>33 Litres - Drying (for cooling), 80 Litres - Washing</td>
</tr>
<tr>
<td>CONTROL SYSTEM</td>
<td>Automatic Fuzzy Logic Control System</td>
</tr>
<tr>
<td>FEATURES TECHNOLOGY</td>
<td>WASHING Big Drum, SPINNING 3D Sensor System, DRYING High Speed Fan</td>
</tr>
<tr>
<td>23 PROGRAMS</td>
<td>Washing 7 Programs, Washing &amp; Drying 7 Programs, Drying 6 Programs, Clean 3 Programs</td>
</tr>
<tr>
<td>WASHING TIME (FUZZY CYCLE)</td>
<td>15 – 70 min</td>
</tr>
<tr>
<td>TOTAL OPERATION TIME (FUZZY CYCLE)</td>
<td>59 – 115 min</td>
</tr>
<tr>
<td>DD INVERTER MOTOR</td>
<td>DC 311V (AC 198 – 264V Total Wave Rectify)</td>
</tr>
<tr>
<td>HEATER</td>
<td>AC 187 – 264V (115 – 238W)</td>
</tr>
<tr>
<td>DRY FAN MOTOR</td>
<td>DC 25V, 12W, 2,500 r/min</td>
</tr>
<tr>
<td>VOLTAGE</td>
<td>AC 220 – 240V, 50Hz</td>
</tr>
<tr>
<td>RATED POWER (W)</td>
<td>Wash: 500, Dry: 1350</td>
</tr>
<tr>
<td>DIMENSIONS (W × D × H, mm)</td>
<td>600 × 290, Door: Ø290</td>
</tr>
<tr>
<td>NET WEIGHT</td>
<td>Approximately 80 kg</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Platinum Silver</td>
</tr>
</tbody>
</table>

*Including drain hose and water supply.
All specifications in content are subject to change without prior notice. Colour tone of actual product may differ from those shown in this catalogue.
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