# Owner's Manual

## AUTOMAID SM

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DEFY

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# THANK YOU FOR CHOOSING DEFY

You are now the proud owner of one of the finest and most modern washing machines that today's technology can produce. You and your Automaid are going to make a great team together. But first it will pay if you really get to know each other. This book will tell you all you need to know about your machine, what it will do and how to do it. Please read all the instructions carefully before operating the machine.

# INSTALLATION

**Packaging**

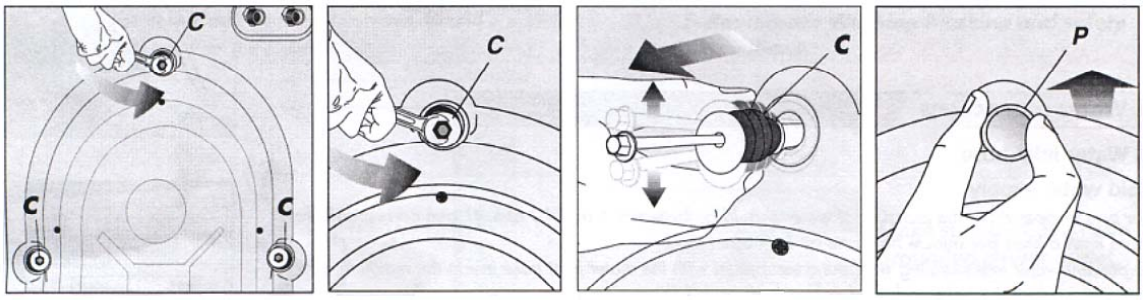
All packaging must be removed from the machine

**Transport fittings**

The wash drum is secured during transport to prevent damage.

Before using the machine, remove the transport fittings as follows:

1. Using a suitable spanner, loosen the three transport bolts (C) by turning them in an anti-clockwise direction until the bolts can be partially withdrawn.
2. Remove the bolts and the rubber bushes by pulling outwards. An up and down action together with a little dishwashing liquid will ease the removal.
3. Insert the three plastic plugs (P) supplied with the machine into the holes vacated by the transport fittings.




**Note:**

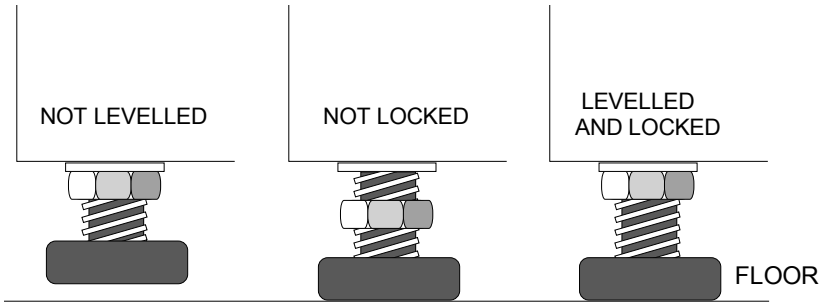
**To prevent damage, the machine should not be transported without the transport fittings securely in place.**

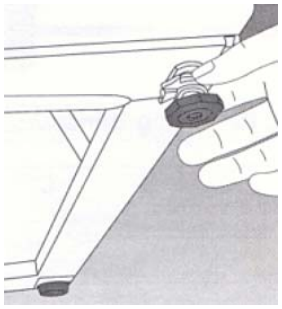
**Note:**

**Never place the machine on a carpet. This could prevent air circulation and cause electrical components in the machine to overheat**

**Levelling**

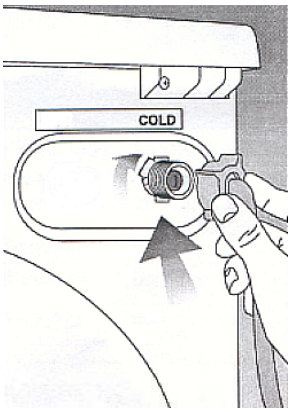
1. The machine must stand firmly on the floor. Any instability will negatively affect its performance when in use.
2. The machine has two adjustable feet at the front.
3. To level the machine, loosen the plastic lock nuts on the adjustable feet.
4. Rotate the feet until the machine stands firm and level.
5. Tighten the lock nuts firmly.
6. Caution: Never remove the lock nuts and feet from the machine.



**Connecting to the cold water supply**

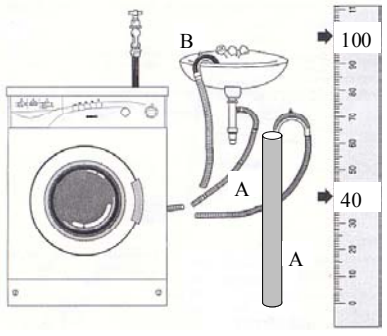
1. The water supply should deliver 8 to 80 litres per minute.
2. Sealing washers are supplied and these should be fitted at either end of the inlet hose
3. Secure the angled end of the inlet hose to the water inlet at the rear of the machine and the straight end to a 3/4 inch BSP cold water tap.
4. Tighten both connections, open the tap and check for leaks.
5. We recommend that the tap be closed when the machine is not in use.




**Water drainage**

**Draining into a dedicated outlet pipe (A)**

1. The outlet pipe must have an inside diameter of at least 40 mm.
2. The end of the pipe must be positioned between 400 mm. and 1000 mm. above floor level.
3. Secure the hooked end of the drain hose into the outlet pipe.




**Draining into a sink or bath (B)**

1. The drain hose may be hooked over the edge of a sink or bath in such a way that the end cannot be immersed in the collected waste water.
2. The outlet end of the hose must not be between 400 mm and 1000 mm. above floor level.

**Please note:** The outlet hose must be kept free of kinks or restrictions as these will hinder the operation of the machine

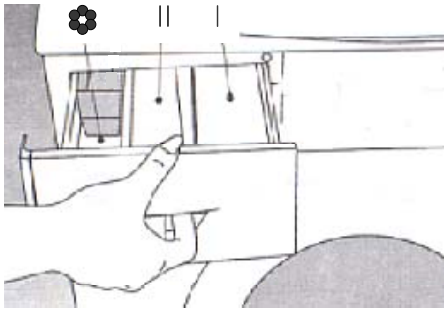
**Electrical connection**

1. The power cord must be connected to a 15 amp earthed wall socket
2. Do not connect the machine through a double adaptor. It requires a dedicated power point
3. If the power cord should ever need replacing, use only a genuine cord available from the nearest Defy Service Centre.

**The appliance must be earthed and the manufacturer and seller do not accept responsibility for any damage due to incorrect electrical connection.**

## THE DETERGENT DRAWER

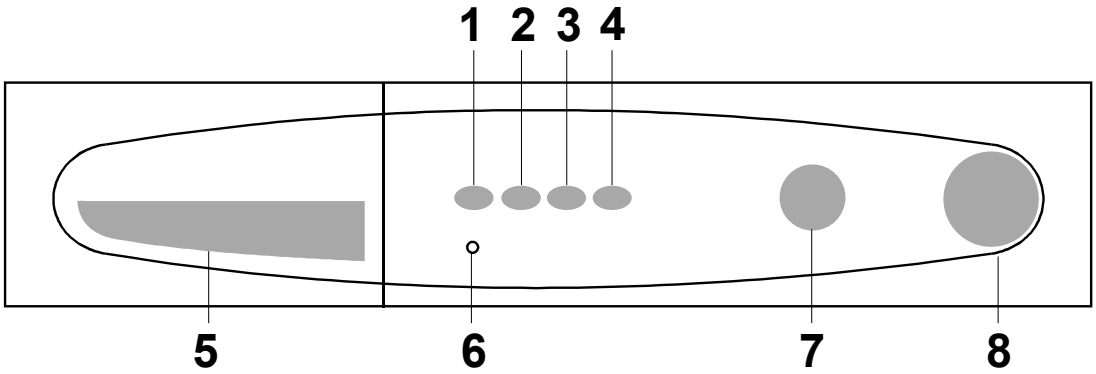
1. Open the drawer
2. Place detergent and softener in the appropriate compartment of the dispenser drawer, in accordance with the instructions on the manufacturer's pack
3. Detergent and additives will automatically be released at the appropriate time during the wash cycle.



**( I ) Pre-wash detergent**
**( II ) Main wash detergent**
**Fabric softener**

**NOTE:**
**Use only low foam detergents specifically designed for front loading washing machines**

## THE CONTROL PANEL




1. On/Off button
2. Quick Wash button
3. Rinse and Hold button
4. Spin speed selection
5. Detergent drawer
6. Indicator light
7. Temperature selector
8. Programme selector

# FEATURES

**1 On / Off button**

Push the button for power 'ON'

Push the button once more for power "OFF'

**2 Quick Wash button**

Selecting this feature will shorten the wash time for lightly soiled fabrics. Quick wash may be used for cotton and synthetic programmes at temperatures below 60°C

**3 Rinse and Hold button**

Selecting this feature will stop the machine during the final rinse cycle with water in the tub. This prevents drip-dry, permanent press and wool articles from creasing caused by waiting in a 'dry' machine before being removed. To complete the programme, press the button once more or select (P) on the programme selector to discharge the water.

**4 Spin speed selection**

The default spin speed of the machine is 800 rev/min. Pressing the button will reduce the speed to 500 rev/min.

**5 Detergent dispenser**

The detergent dispenser has 3 compartments. (See page 4.)

Use only low foam detergents specifically designed for front loading automatic washing machines. Dose as per the manufacturer's recommendations on the detergent pack.

Dosage may vary according to wash load, dirt and water hardness.

**6 Indicator light**

The light will glow when the machine is switched on

**7 Variable temperature control**

To access the temperature control knob, push it gently to free it from the control panel. Select the desired temperature as indicated in the programme guide. If a higher than recommended temperature is inadvertently selected, the machine will automatically default to a cold (30°C) wash

**If a cold wash is selected, the heater may still come on for a short period to raise the water temperature to 30°C. This ensures optimum detergent performance.**

**8 Wash programme selector**

Push to free the knob from the control panel. Turn the knob in a **clockwise** direction to select the desired programme.

**Warning**

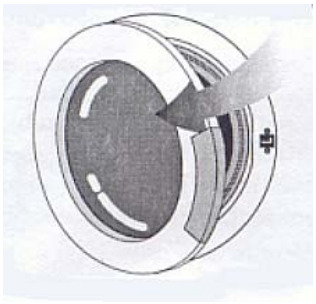
**Switch the machine off before turning the knob**

**Reversing the direction of turn, could damage the timing mechanism.**

## FEATURES - Continued

**Door**

Open the door by gently pulling on the handle.
Close the door by pushing firmly until it clicks into place.



**Note:**

**The door locks during the wash cycle**
**Switch the machine off and allow 1 to 2 minutes for the safety lock to disengage. (a click sound will be heard)**
**Thereafter the door may be opened.**

**Note:**

**The door may be reversed to improve access.**
**This conversion should be carried out by a qualified appliance technician.**

## HELPFUL HINTS

- Sort washing by material type.
- Adhere to garment label washing instructions.
- Fasten zips to prevent them snagging other articles.
- Mend loose seams and tears before washing.
- Secure all loose buttons.
- Empty all pockets of coins and loose objects.
- Secure or remove brassiere wires.
- Wash small articles such as socks, handkerchiefs and delicate undies in a wash bag or pillow slip. This will prevent tangling.
- Treat any stains before washing.
- Test fabrics for colourfastness before washing.
- Wash new denim separately as colours may run.
- Wash new bulky articles such as quilts and sleeping bags individually. For best results use the WOOL programme.
- Do not wash articles which have been soaked in paint, petrol, thinners, or other flammable liquids.
- Do not wash rubberised articles such as rain coats and training shoes.
- It is important not to overload the machine as this will prevent it from washing properly.

# DESCRIPTION OF PROGRAMMES

## Cottons - Programmes A, B and C

These programmes are suitable for white and coloured cotton fabrics.
**A:** Programme with pre-wash, main wash, three rinses and spin.
**B:** Programme with main wash, three rinses and spin.
**C:** The spin programme is included in **A** and **B**. Should an additional spin be required, advance the programme selector knob round the dial and back to **C**.

## Synthetics - Programmes F and H

These programmes are designed for synthetic fabrics, nylons, sun filter curtains and non iron blends. More water is used in these programmes and hence the wash action is more gentle than in programmes **A** and **B**.
**F:** Programme with main wash, three rinses and a delicate spin.
**H:** The delicate spin is included in programme **F** provided the **Rinse and Hold** function has not been selected. Should an additional spin be required, advance the programme selector knob round the dial and back to **H**.

## Delicates - Programme N

This programme is designed for washing delicate items such as lace and silks.
**N:** The programme does not have a pre-wash and comprises a main wash, three rinses and a delicate spin.
The Rinse and Hold function may be selected if desired.

## Woollens - Programme J

This programme is designed for machine washable woollen garments
**J:** The programme does not have a pre-wash and comprises a main wash, three rinses and a delicate spin.
The Rinse and Hold function may be selected if desired.

**Delicate spin - Programme K**

This delicate spin is included in programme **J** and **N** provided the **Rinse and Hold** function has not been selected. Should an additional spin be required, advance the programme selector knob round the dial and back to **K**.

**Draining - Programme P**

This is a Drain programme
If the Rinse and hold button was selected in programmes **F, N** or **J** and a spin is not desired, Drain the machine by advancing the programme selector knob to **P.**

**Warning:**

**Before turning the programme selection knob, always switch the machine off. Make your selection and then switch the machine on.**

# PROGRAMME GUIDE

| PROGRAMMES | | FABRICS | TEMPERATURE °C | | DETERGENT COMPARTMENT | PRE WASH | QUICK WASH | RINSE & HOLD | LOAD kg |
|---|---|---|---|---|---|---|---|---|---|
| | | | WHITE | COLOUR | | | | | |
| A | Cotton pre-wash | Heavily soiled cotton and linen | 50-90 | 40-50 | / + // | * | * | | 5.0 |
| B | Cotton main wash | Normally soiled cotton and linen | 30-90 | 30-40 | // | | * | | 5.0 |
| C | Cotton spin | | | | | | | | |
| F | Synthetic wash | Soiled synthetics and blends | 30-60 | 30-40 | // | | * | * | 2.5 |
| H | Synthetic spin | | | | | | | | |
| N | Delicate wash | Delicates | 40 | 40 | // | | | * | 2.0 |
| J | Wool wash | Woollens | 40 | 30 | // | | | * | 1.5 |
| K | Delicate spin | | | | | | | | |
| P | Drain | | | | | | | | |

/ = pre-wash detergent compartment

// = main wash detergent compartment

= softener compartment

* = available options

= Cold wash

# OPERATING THE MACHINE

**Sorting the laundry**

Sort the laundry in one of the following the following groups:

1. White cotton and linen as well as robust colourfast fabrics.
2. Synthetics and synthetic blends as well as non colourfast fabrics
3. Delicate fabrics such as silks and rayon
4. Wool

**Loading the machine**

It is important not to overload the machine as this will prevent it from washing properly. You should be able to fit a hand between the top of the drum and the wash load in the drum.

The maximum recommended load of dry clothing that may be washed at one time in your Automaid is 5 kg.

**Washing**

1. Plug the machine in and switch on at the wall socket.
2. Open the water tap.
3. Check that the drain hose is in position and is free of kinks.
4. Open the door.
5. Load washing into the machine, distributing it evenly and loosely in the drum. DO NOT EXCEED THE MAXIMUM WASH LOAD AS DETAILED IN THE WASH GUIDE
6. Close the door.
7. Add detergents and additives to the relevant compartments in the detergent drawer and close the drawer.
8. Push the Temperature selection knob to free it from the facia. Select a temperature (see wash guide) by turning the knob to the required setting. Push the knob back in to prevent accidental activation.
9. Push the Programme selection knob to free it from the facia. Rotate the knob
10. in a clockwise direction to the desired programme. Do not attempt to turn the knob back if the programme is inadvertently bypassed, rather continue around the dial once more. Push the knob back in to prevent accidental activation.
11. Select any of the desired option buttons as detailed in the wash guide.
12. Push the power ‘ON’ button
13. The indicator light will glow and the machine will commence with the selected wash cycle.

**Unloading the machine**

1. The machine will stop automatically at the end of the selected cycle.
2. Switch off the machine and allow 1 to 2 minutes for the safety lock to disengage.
3. Open the door and remove the wash load.
4. Gently rotate the drum by hand to check if all the laundry has been removed
5. Leave the door slightly ajar to assist with drying and to prevent unpleasant odours from forming.

# CARE AND MAINTENANCE

**Detergent Dispenser**

To remove residual detergent, pull the dispenser drawer outward, press on the marked area of the siphon, and pull the drawer free.

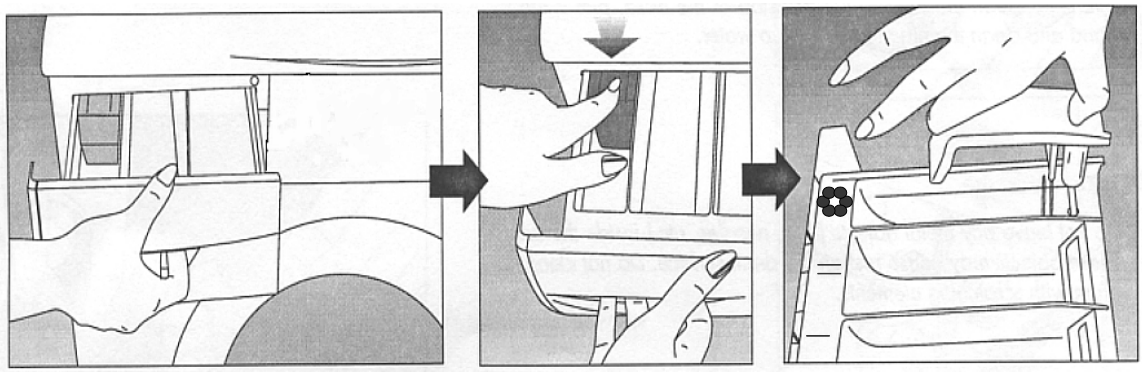
Wash the dispenser and the housing in water before re-inserting the dispenser.

**Siphon**

To prevent clogging, the siphon (the coloured component in the dispenser) should be cleaned after every 30—40 washes.

Grasp the edges and pull the siphon free.

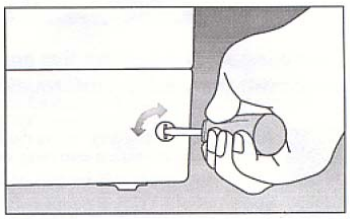
Clean away any residual softener and carefully re-fit the siphon.

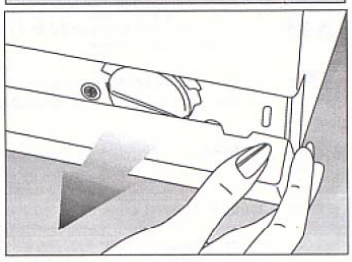


**Cleaning the pump filter**

A filter prevents foreign objects from entering and damaging the pump. This filter should be cleaned after every 30-40 washes. First disconnect the machine from the power supply. Use a large screwdriver or coin to turn the plastic fasteners in the kick panel through 90°. Place a shallow container below the filter outlet to collect any spillage. Remove the filter by turning it in a counter clockwise direction. Rinse the filter under running water. Re-fit and secure the filter and kick panel.

If the filter is not fitted properly, water will leak from the machine.



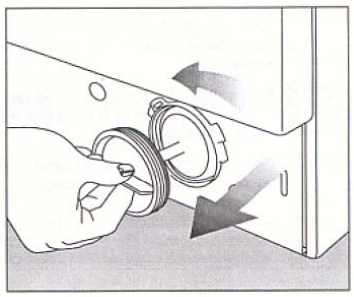


**General Cleaning**

**On no account use benzene or other solvents to clean the cabinet, door or rubber of the machine.**

**A damp cloth will normally suffice.**

**If desired, a good wax polish may be used on the metal parts of the cabinet.**



## PROBLEM WASHING – Check List

**Greasy stains on washing.**

- Use more detergent if washing is heavily soiled.
- Use both pre-wash and main wash programmes.
- Check that the machine is not overloaded.

**Grey, dirty looking washing.**

- Use more detergent if the washing is heavily soiled or if the machine is located in a hard water area.
- Use pre-wash and main wash programmes.
- Check that the machine is not overloaded.

**Poor wash results**

- Read the instruction book carefully
- Follow the manufacturer's instructions on the detergent pack.
- Sort out fabric types and separate natural from synthetic fabrics.
- Select the appropriate wash programme.
- Use fabric softeners for extra softness.
- Check that the machine is not overloaded.

**Discolouring**

- This could be caused by natural body oils or iron deposits in the water supply.
- Select the correct programme. (water not too hot )
- Use the correct detergent dosage.
- Wash the garment to the manufacturer's directions.
- Check that the machine is not overloaded.

## TROUBLE SHOOTING

**If you experience a problem with the machine, please check the following before calling a Service technician. It may seem obvious, but you may be charged for a service call, even during the warranty period, if no fault is found.**

**Foam is expelled from the detergent dispenser.**
**Check:**

- That detergent is suitable for front loading automatic washing machines. If the detergent is suitable, try using less detergent.

**The machine drains as it fills.**
**Check:**

- That the outlet hose is fitted as described in this manual.

# TROUBLE SHOOTING - Continued

**The machine will not work at all.**
**Check:**
- House fuses or circuit breakers.
- Wall socket ( plug in another appliance to check )
- That the door is closed properly.
- That the water tap is open.
- That a programme has been selected.
- That the ON/ Off button has been pressed in.
- That the indicator light is on.

**The machine does not drain or spin.**
**Check:**
- That the drain hose is not kinked or obstructed.
- That the outlet pipe or sink is not blocked.

**The machine does not fill with water.**
**Check:**
- That the water tap is open.
- That the drain hose end is at least 400 mm. above floor level.
- That the inlet hose is not kinked.
- That there is a water supply to the tap.

**The machine vibrates or is excessively noisy.**
**Check:**
- Whether anything has fallen between the wall and the machine.
- That the machine stands level and that the feet are locked.
- That the transport brackets and all packaging has been removed.
- That there is a clearance of at least 50 mm. at the back of the machine.
- That the laundry is evenly distributed in the drum.
- That the wash load is balanced. (equally distributed round the drum)

**The door will not open**
**Check:**
- That the machine is switched off at the ON/OFF switch.
- That the safety lock has disengaged (wait at least two minutes)

**The machine leaks water**
**Check:**
- That the inlet and outlet hoses are secured.
- That the pump filter is securely screwed in.

# INTERNATIONAL FABRIC CARE LABELS




**Recommended washing temperature**



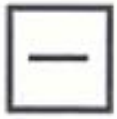

**Bleach can be used**



**Do not use bleach**



**Wash by hand only**



**Dry on horizontal surface**



**Do not wash**




**Dry clean**




**Chemicals can be used**



**No dry cleaning**



**No spin**



**May be washed in centrifugal machine**



**Do not wash in centrifugal machine**



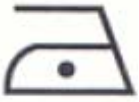
**Line dry**



**Ironing is permitted**



**Do not iron**



**Use a warm iron only NOT HOT**

# TECHNICAL SPECIFICATION

| | |
|---|---|
| **Capacity (dry load)** | **5 kg.** |
| **Height** | **850 mm.** |
| **Width** | **600 mm.** |
| **Depth** | **540 mm.** |
| **Net weight** | **60 kg.** |
| **Power requirement** | **220V, 50 Hz.** |
| **Nominal current** | **10 A** |
| **Motor power** | **300 W** |
| **Heater power** | **1900 W** |
| **Washing speed** | **52 rev/min Max.** |
| **Spin speed** | **800 — 500 rev/min** |
| **Water pressure** | **5N / cm² –100N / cm²** |

The Manufacturer strives for continuous improvements. For this reason, the text and illustrations in this book are subject to change without notice.

Part Number