



















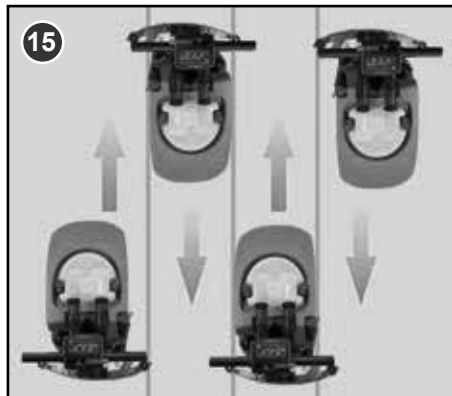
## Pre-scrub mode

The TT Range have been designed to cope with a variety of floor types and different levels of soiling.

On heavily soiled floors use a 'double scrub' technique.

First pre-scrub the floor with the floor-tool in the raised position, allow the chemical time to work, then scrub the area a second time with the floor-tool lowered.

## Floor-tool in use

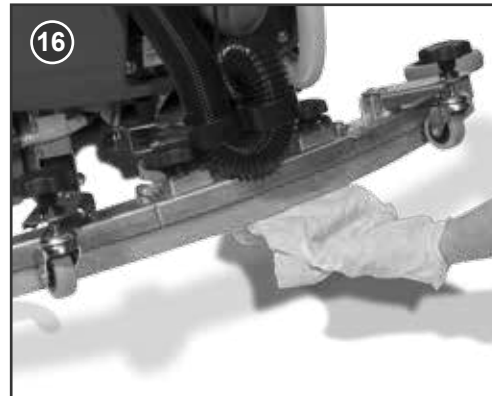


The clean-water / chemical mix is dispersed via the 'THRU-FEED' system.

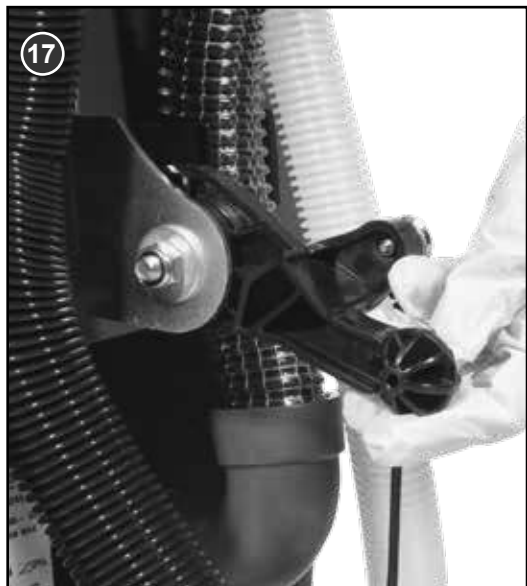
The waste water is then retrieved by the floor-tool.

Overlap the scrubbing path by 10cm to ensure an even clean (Fig.15).

If streaking occurs, wipe the floor-tool blades clean (Fig.16).



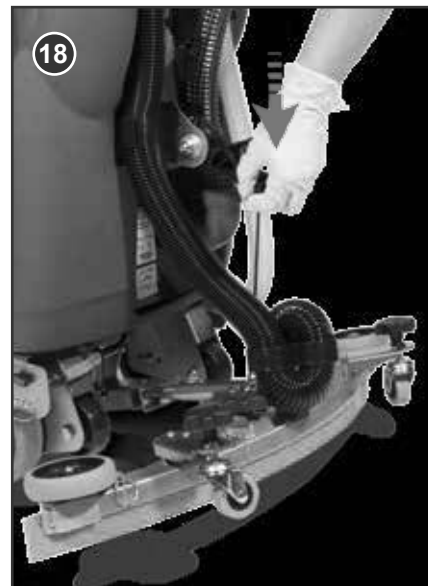
## Lowering the floor-tool



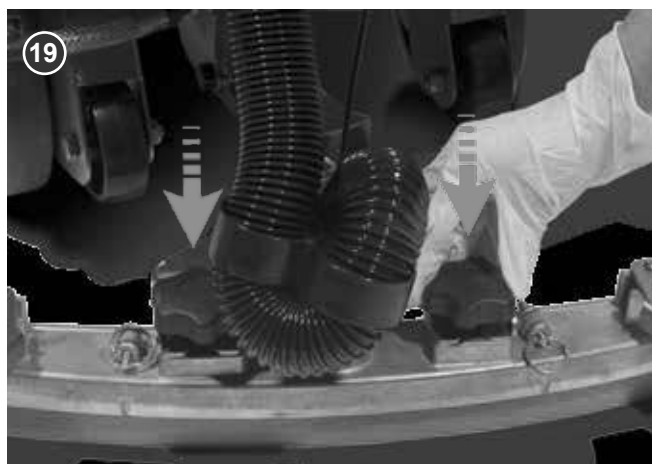
After preparing the floor (see previous section), we are now ready to set the controls to suit the cleaning conditions.

Before any settings can be applied, ensure the brush deck is lowered.

Move the floor-tool lever (see Fig.17), to it's lower position (see Fig.18).



**Note:** The machine will still reverse with the floor-tool in the lowered position, this could possibly damage the blades. Raise the floor-tool before reversing.



## Breakaway floor-tool

The floor-tool design incorporates a safety knock-off feature.

Allowing it to safely disengage from its mounting should it become caught on an obstruction, during forward machine movement.

To re-attach the floor-tool blade to its holder, first loosen the retaining knobs on the floor-tool body and slide onto the holding bracket.

Tighten retaining knobs to finger tight (See Fig.19).

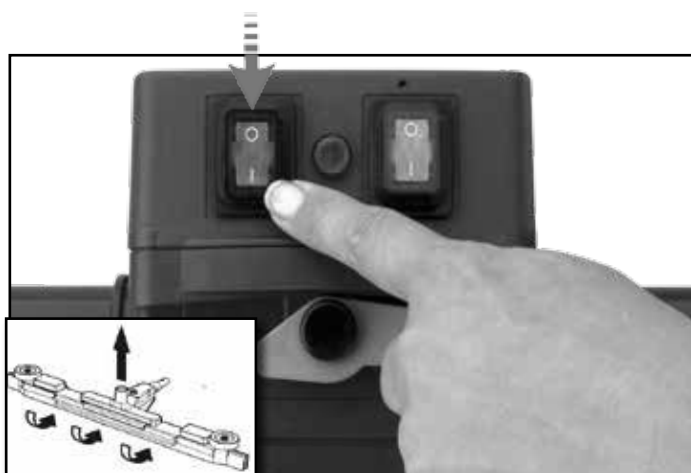
**Note:** Care must be taken to reduce speed when cornering or when manoeuvring around obstacles.

## Setting the cleaning controls

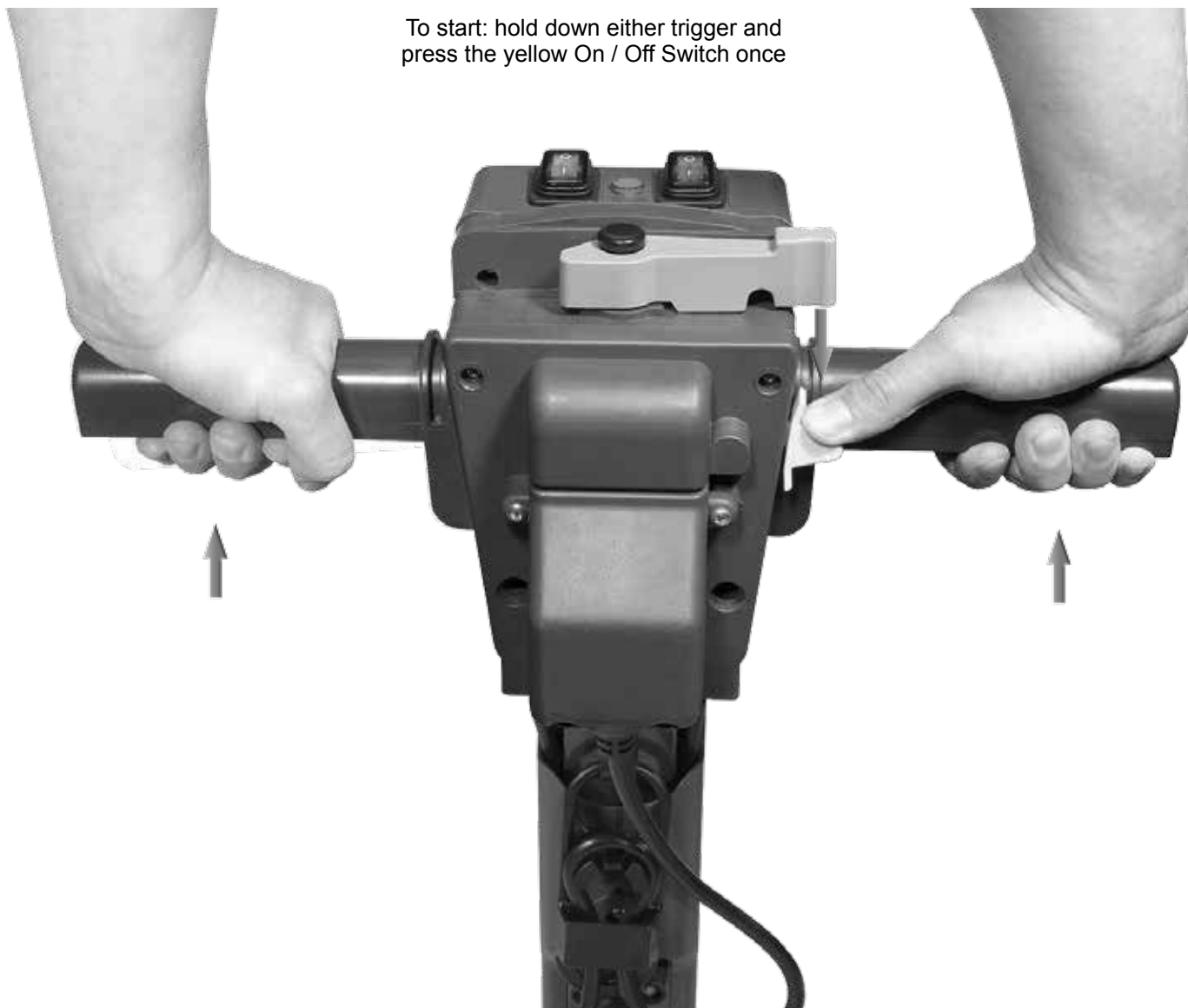


Ensure your TT machine has been plugged into a suitable power supply.

Select the desired function using the on / off switches fitted to the handle.



To start: hold down either trigger and press the yellow On / Off Switch once



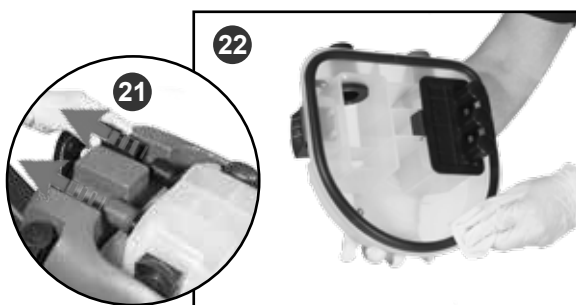
# Regular Maintenance



**ALWAYS ENSURE THAT THE BATTERY IS DISCONNECTED  
PRIOR TO ANY MAINTENANCE OPERATION**



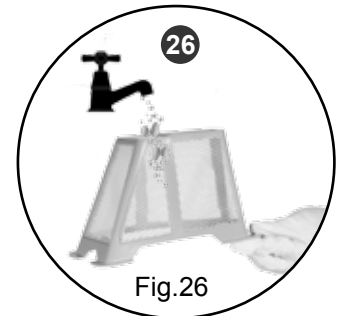
The TT Range has been designed with ease of use in mind, this included easy stripping-down and cleaning. After use, empty waste-water tank using emptying hose and flush out with clean-water (Fig.20).



Remove the two hoses to disconnect the separator from the machine (Fig.21).

Lift off the separator. The separator has a sealing-rubber which should be examined at every clean-down (Fig.22).

Rinse using clean-water.



Remove the filter fitted into the separator and flush with clean-water (Fig.23) (Fig.24).

Placed into the top tank is grey filter basket, clean and flush with clean-water (Fig.25) (Fig.26).



The bottom (clean-water) tank is attached to the chassis and should only be removed by a competent service engineer (Fig.27).

Clean by flushing with clean-water if required.

Excess water can be drained using the clear dump hose fitted to the rear of the machine.

Located under the left hand side is a clean-water filter, ensure the clean water tap is turned off before removing this filter (Fig.28).

Clean and flush with clean-water if required.



# Changing the Floor Tool Blades

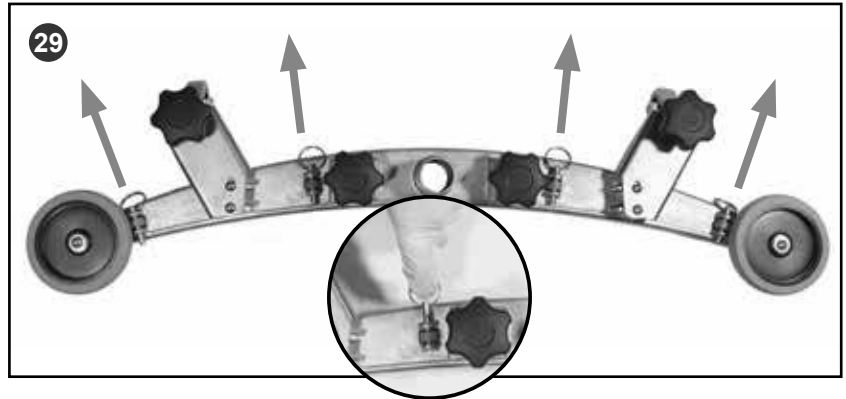
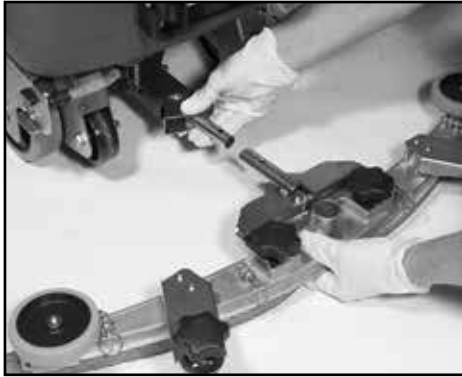


**ALWAYS ENSURE THAT THE BATTERY IS DISCONNECTED  
PRIOR TO ANY MAINTENANCE**

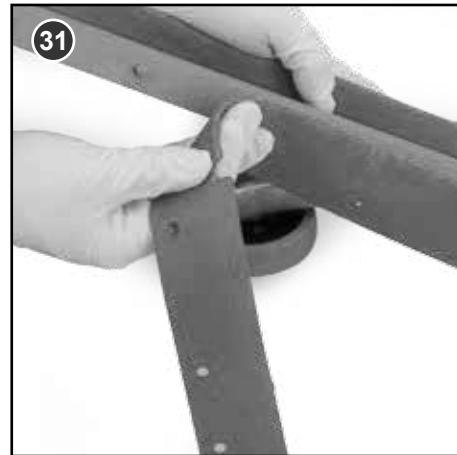
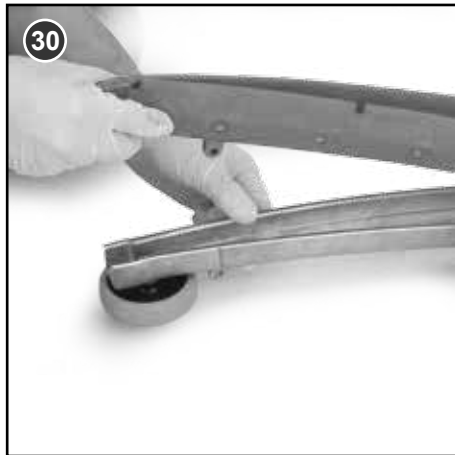


## The floor-tool

The TT range is provided with the aluminium floor-tool shown.



To clean the floor-tool, remove securing-pin and disconnect the lifting strap and remove the floor-tool securing pin pull-free the floor-tool from the rear of the machine. Rinse the floor-tool assembly with clean water and refit.

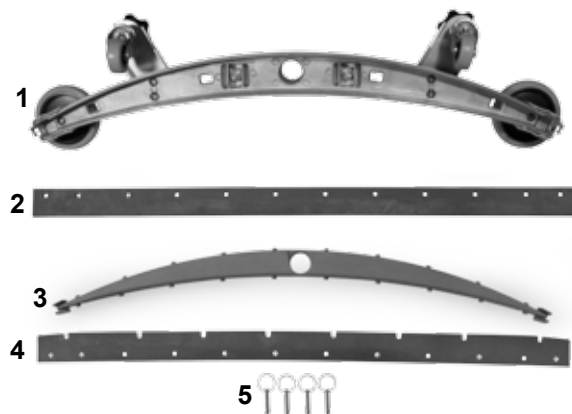


Periodically the floor-tool blades should be examined and checked for wear and damage.

The blade removal is easy. Simply start by removing the four retaining pins (see Fig.29), turn the floor-tool over and separate the blade carrier from the body (see Fig.30). Peel away the blades from their locating lugs (see Fig.31) and examine or renew as required. Replacement is a reversal of the removal process.

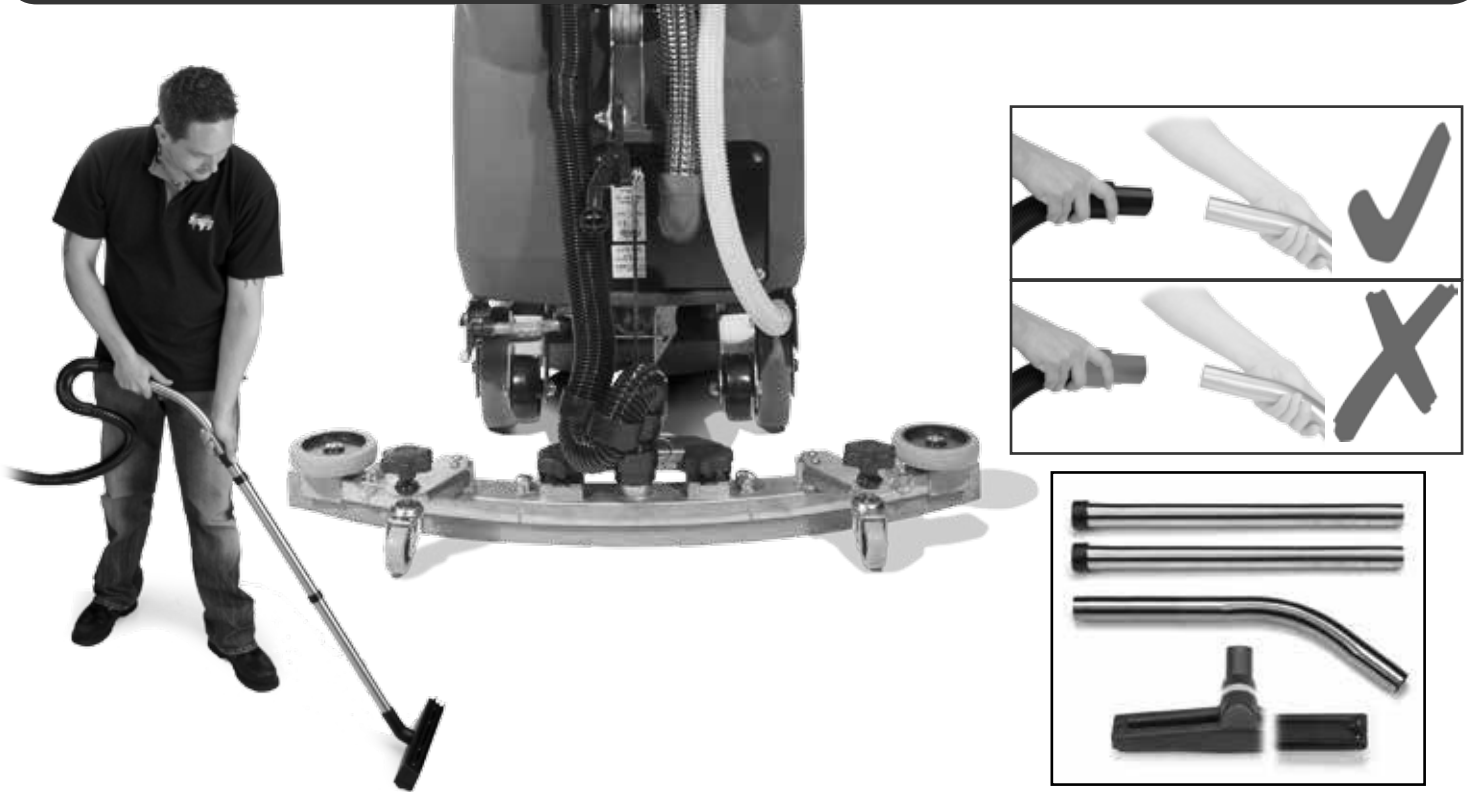
### Floor-tool overview

1. Floor-tool main body
2. Rear blade
3. Blade carrier
4. Front blade (slotted)
5. Retaining pins x 4



*Note: The blades are designed to be reversible, thus extending their useful working life.*

## Off-Aisle Cleaning Kit (Optional Extra Accessory)



*In the event of a breakdown contact your Numatic dealer or the  
Numatic Technical helpline +44 (0)1460 269268  
(See back page for company addresses or dealers stamp)*

### TT4045G

TT 4045G							
Brush Motor	Vac Motor	Brush Sizes	Pad Sizes	Net Weight	Gross Weight	Protection Class	Power
1500 W	1200 W	450 mm	400 mm	67 Kg	107 Kg	IPX4	230/120/100V - 50/60Hz
Fluid Flow	Speed	Capacity	Cleaning Range	Cleaning Speed	Hand Arm Vibration	Noise	Size
0-2L/Min	150rpm @ 50Hz 180rpm @ 60Hz	40 L	42 m	0-4 kph	1.4 m/s <sup>2</sup>	76 ± 3 dB(A)	Width - 470mm Length - 890mm Height - 1100mm

### TT 4055G

TT 4055G							
Brush Motor	Vac Motor	Brush Sizes	Pad Sizes	Net Weight	Gross Weight	Protection Class	Power
1500 W	1200 W	550 mm	500 mm	68 Kg	108 Kg	IPX4	230/120/100V - 50/60Hz
Fluid Flow	Speed	Capacity	Cleaning Range	Cleaning Speed	Hand Arm Vibration	Noise	Size
0-2L/Min	150rpm @ 50Hz 180rpm @ 60Hz	40 L	42 m	0-4 kph	1.4 m/s <sup>2</sup>	76 ± 3 dB(A)	Width - 560mm Length - 935mm Height - 1100mm

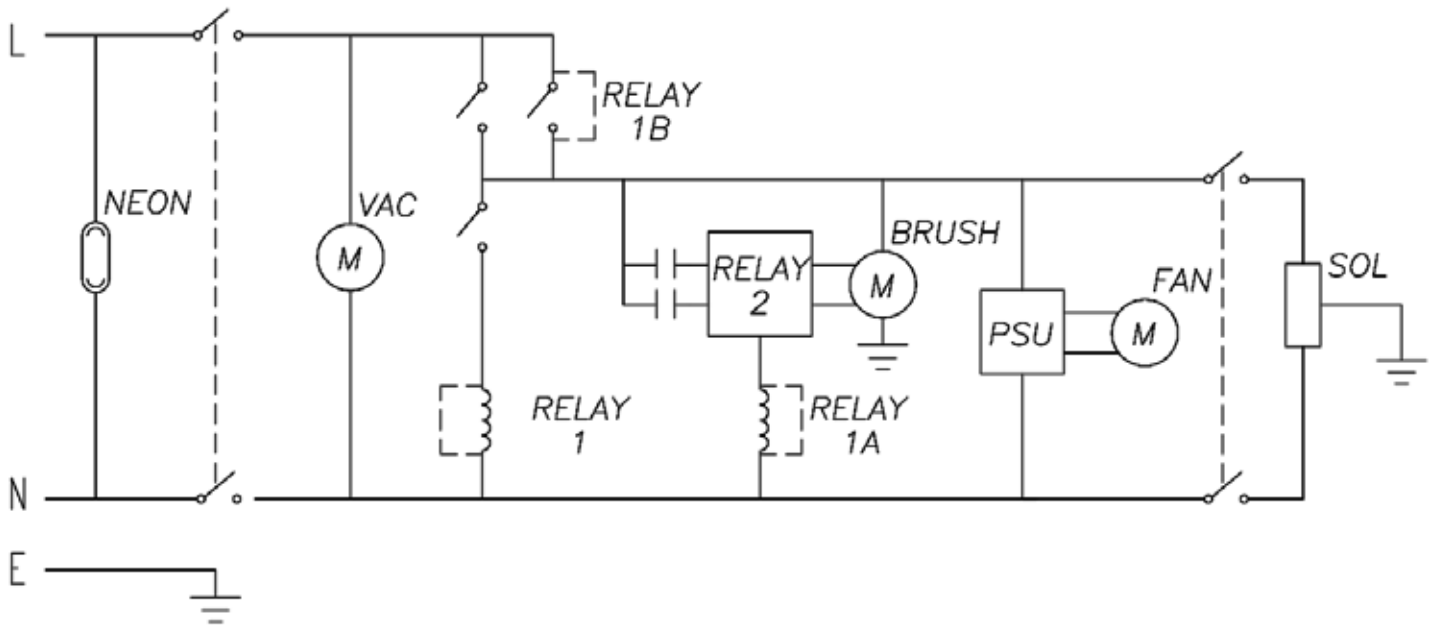
## Trouble- Shooting

<b>PROBLEM</b>	<b>CAUSE</b>	<b>SOLUTION</b>
Poor water pick-up	Waste-water tank full Clogged / blocked vacuum hose Loose hose connections Debris basket filter clogged / blocked Separator filter clogged / blocked Poor separator seal Damaged separator seal Damaged / split vacuum hose Damaged floor-tool blades	Empty waste-water tank (page 12) Remove and clean Push tight connections Remove and clean (page 12) Remove and clean (Page 12) Clean and refit (page 12) Renew (contact service dept) Renew (contact service dept) Renew (contact service dept)
No brush / scrub function	No brushes fitted Brush deck raised	Check and fit (page 7) Lower brush deck (page 7)
Little or no water flow	Clean-water tank empty Clean-water tank filter blocked / clogged Brush deck raised	Fill clean-water tank (page 8) Remove and clean (12) Lower brush deck (page 7)

## Spare Parts & Accessories

<b>237654</b>	Top Tank - Blue	<b>606203</b>	450MM POLYSCRUB BRUSH
<b>577839</b>	Separator	<b>606204</b>	450MM NYLOSCRUB BRUSH
<b>206953</b>	DETENT PIN	<b>606306</b>	450MM LONGLIFE BRUSH
<b>213058</b>	Vac Hose	<b>606028</b>	550MM POLYSCRUB BRUSH
<b>280019</b>	Floor Tool Hose	<b>606550</b>	550MM NYLOSCRUB BRUSH
<b>280018</b>	Dump Hose - Top Tank	<b>606551</b>	550MM LONGLIFE BRUSH
<b>213025</b>	Dump Hose - Bottom Tank	<b>606401</b>	400mm PADLOC DRIVE BOARD
<b>208960</b>	Filler Hose - Bottom Tank	<b>900526</b>	500mm NULOC2 DRIVE BOARD
<b>237718</b>	Hose Guide	<b>900521</b>	650 Semi Parabolic Squeegee (4045G)
<b>206111</b>	Dump / Filler Closure - Bottom Tank	<b>900522</b>	750 Semi Parabolic Squeegee (4055G)
<b>237268</b>	Filler Cap Lid	<b>900518</b>	650 Floor Tool Blades - Green PU
<b>207128</b>	Filler Cap Filter	<b>900519</b>	750 Floor Tool Blades - Green PU
<b>206265</b>	Barrel Filter	<b>236012</b>	MAINS CABLE - UK
<b>207000</b>	Basket Filter	<b>236132</b>	MAINS CABLE - EURO
<b>208888</b>	Clean Water Filter	<b>236020</b>	MAINS CABLE - SWITZERLAND
<b>208827</b>	Clean Water Filter Body	<b>236024</b>	MAINS CABLE - SOUTH AFRICA
<b>208890</b>	Clean Water Filter Clear Bowl	<b>236028</b>	MAINS CABLE - USA
<b>208830</b>	Clean Water Filter Gasket	<b>236118</b>	MAINS CABLE - INDUSTRIAL 16 AMP
<b>208889</b>	Clean Water Filter Mesh	<b>206813</b>	SWITCH KEY

# TT 4045G, TT 4055G - Schematic Diagrams



## Notes

# Notes

A series of horizontal dotted lines for writing notes.



**EU DECLARATION  
OF  
CONFORMITY**

We hereby declare under our sole responsibility that the following equipment fulfils all the relevant provisions of the following EU Directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EC

RoHS Directive 2011/65/EU

**Machine Description:**  
**Type: TT, ET series**

**Scrubber Dryer**

**Manufactured by:**

**Numatic International Limited**

Relevant standards upon which conformity is declared include:

IEC 60335-1:2010

IEC 60335-2-72:2002 +A1

IEC 62233:2005

EN 55014-1:2006

EN 55014-2:1997+A1

EN 61000-3-2:2006

EN 61000-3-3:1995+A1+A2

A technical construction file for this equipment is retained at the manufacturer's address under the authorisation of the following signatory:

**Name: Allyn Boyes**

**Position: Technical Manager**

Signed:

Date: 20/04/2016



Numatic International Limited,  
Chard, Somerset.  
TA20 2GB  
www.numatic.co.uk

**GB**

# **Numatic International** *Warranty*

**Numatic International Limited warrant to the original purchaser that its products are free of defects in both material or workmanship for the period shown below:-**

<b>Homecare and Cleancare Vacuum cleaners.....</b>	<b>2 Years</b>
<b>Rotary Floor Machines.....</b>	<b>2 Years</b>
<b>Twintec Auto Scrubber Dryer.....</b>	<b>1 Year</b>
<b>Vario Ride-On Scrubber Dryer.....</b>	<b>1 Year / 1500 hours</b>
<b>Mopping, Compacts, Combi and Servocare Products.....</b>	<b>1 Year</b>
<b>Individual Accessories and Spare Parts.....</b>	<b>6 Months</b>

Note: This warranty expressly excludes consumable parts such as carbon brushes, floor brushes, mops, batteries etc, that are considered replaceable from time to time during the normal working life of the machine.

- A. The warranty period commences from the date the goods are purchased.
- B. All warranty claims must be processed through the Dealer from whom the equipment was purchased. The Dealer will co-operate with the purchaser throughout the warranty claims procedure and will arrange any necessary repairs using genuine Numatic parts.
- C. If the original Dealer is no longer able to fulfil his obligations please contact Numatic International Limited with full details of the claim and proof of purchase so that this may be processed without delay.
- D. Any warranty claim can only relate to the specific part that is proven to be at fault and for which a replacement will be supplied but cannot be extended to constitute a claim against the complete machine.
- E. Numatic International will supply the Dealer with any warranty parts required, subject to the claim being validated, after return of the faulty items in accordance with Numatic International Limited's General Conditions of Sale.
- F. Claims will not be accepted if they are the result of fair wear and tear, misuse or abuse of any kind.
- G. No replacement will be given unless the appropriate evidence of the validity of the claim has been provided to the satisfaction of Numatic International Limited.
- H. Numatic International Limited reserve the right to charge for any unnecessary work carried out as a result of an invalid claim.
- I. No variation to this warranty may be made or implied by any member of Numatic International Limited or its Dealers unless such variation is in writing and authorised by the Company



**Numatic International Limited. Chard, Somerset, TA20 2GB**

**Telephone: 01460 68600 Fax: 01460 68458**

© Numatic International Limited

This machine has been packed  
with the following items:

Brush

Floor-tool

Hose Hook

38 mm / 32 mm Adaptor

Signed

# TT 4045G / TT 4055G



Distributed by



Numatic International Limited

Chard, Somerset

TA20 2GB ENGLAND.

Telephone 01460 68600 Fax: 01460 68458

[www.numatic.co.uk](http://www.numatic.co.uk)

Subject to change without prior notice.

244466 02/17 (A09)