The development of floors and flooring materials within the broad range of commercial developments has been very pronounced over the past decade. Not only have floors become more exotic in both design and material selection but, equally, we all expect to see the floor maintained to an exceptionally high standard, literally sparkling cleaning, in high profile locations; super clean in the workplace and public space... just as we would expect in our own living space.
Hurricane The 1000W Size

The single disc floor machine is the heart of all hard floor cleaning and maintenance.

The Hurricane motor concept is designed to keep its “Cool” under continuous and arduous operation whilst its seamless power transmission to the floor is via our longlife, oil filled, low load planetary gearbox. THE HFM1015-150rpm machine is equipped with the 1000W Hurricane motor providing a lighter weight and economical solution.

- Planetary Gearbox
  Longlife, oil filled, low load planetary gearbox.
- Hi-Cool Motor
  Heavy duty, long life motor.
- ATC (Automatic Torque Control)
  Monitoring and balancing operational power input throughout the cleaning cycle.
- Fully Adjustable Handle
  For the perfect working position.

All Hurricane models incorporate our ATC, Automatic Torque Control, monitoring and balancing operational power input throughout the cleaning cycle.

Hurricane The 1500W Size

The HFM1500 series is available in a choice of 4 different speeds, 150rpm, 230rpm, 300rpm and extra Hi-speed 450rpm.

All models are fitted as standard with our generous oversize Hurricane 1500W drive motor allowing for higher speeds and the use of added weight as required.

The longlife, low load, oil filled planetary gearbox ensures seamless power transmission to the floor ensuring excellent results.

With the range of speeds available machines can be selected to cover the whole range of floor care maintenance be it scrubbing, polishing, buffing, burnishing or spray cleaning.

- Planetary Gearbox
  Longlife, oil filled, low load planetary gearbox.
- NuLoc2 Systems
  Optional pad interchange systems, quick, simple and secure.
- Hi-Cool Motor
  1500W motor allowing for higher speeds and the use of added weight as required. Available in a choice of 4 speeds 150rpm, 230rpm, 300rpm, 450rpm.
- ATC (Automatic Torque Control)
  Monitoring and balancing power input throughout the cleaning cycle.
- Fully Adjustable Handle
  Adjustable for the perfect position.

- Accessories
  A range of accessories available to cover wet applications, carpet shampooing, vacuum polishing and floor sanding.

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor</th>
<th>Deck</th>
<th>Brush</th>
<th>Pad</th>
<th>Power</th>
<th>Speed</th>
<th>Range</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFM1015</td>
<td>1000W</td>
<td>450mm</td>
<td>450mm</td>
<td>400mm</td>
<td>230V AC</td>
<td>50Hz 150rpm</td>
<td>32m</td>
<td>26kg</td>
<td>460x560x1250mm</td>
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<tr>
<td>HFM1515</td>
<td>1500W</td>
<td>450mm</td>
<td>450mm</td>
<td>400mm</td>
<td>230V AC</td>
<td>50Hz 150rpm</td>
<td>32m</td>
<td>32kg</td>
<td>480x580x1290mm</td>
</tr>
<tr>
<td>HFM1523</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>230rpm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HFM1530</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>300rpm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HFM1545</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>450rpm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hurricane The Two Speed

There are more and more applications where the floor machine must fulfil two functions literally at the “Flick of a Switch”.

The HFT model is fitted with the Hurricane dual performance motor rated at 1000W / 1250W providing optimised power options at the two different operating speeds. For scrubbing you want 150rpm but for polishing 300rpm giving quicker and better results. This is very much the case in hospitals, care homes, hotels, schools, etc. where the needs vary quite substantially each day and two separate machines are not always practical or available.

- **Planetary Gearbox**
  - Longlife, oil filled, low load planetary gearbox.
- **Dual Speed**
  - Dual speed motor giving speeds of 150rpm for scrubbing and 300rpm for polishing.
- **ATC (Automatic Torque Control)**
  - Monitoring and balancing power input throughout the cleaning cycle.
- **Accessories**
  - A range of accessories available to cover wet applications, carpet shampooing, vacuum polishing and floor sanding.

Hurricane NuShine The High Speed Burnisher

Great styling, easy control and powerful. Designed to allow for effortless performance at higher burnishing speeds. When size and weight are a factor the HNS offers the ideal balance.

A compact yet powerful machine with supreme manoeuvrability. If you want stunning results combined with effortless performance then this is the machine for you. The NuShine has complete directional control which means a consistently high standard of finish.

- **Powerful Hi-Cool 1500W Motor**
  - Heavy duty, longlife motor.
- **Automatic Torque Control**
  - Monitoring power and balance.
- **Fully Adjustable Operator Handle**
  - Easy to use and fully adjustable operator handle.
- **Effortless**
  - All direction control with superb manoeuvrability.
- **Brush Pressure Monitor**
  - Allowing you to be in control of the surface finish achieving optimum results with superior handling.

### HFT Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor</th>
<th>Speed</th>
<th>Brush</th>
<th>Pad</th>
<th>Power</th>
<th>Speed</th>
<th>Pressure</th>
<th>Range</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT1530</td>
<td>1000W / 1250W</td>
<td>150 / 300rpm</td>
<td>450mm</td>
<td>450mm</td>
<td>400mm</td>
<td>230V AC</td>
<td>32m</td>
<td>32kg</td>
<td>460x560x1250mm</td>
<td></td>
</tr>
</tbody>
</table>

### HNS Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor</th>
<th>Speed</th>
<th>Pad</th>
<th>Pad Pressure</th>
<th>Speed</th>
<th>Range</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
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<tbody>
<tr>
<td>HNS1550</td>
<td>1500W</td>
<td>Variable 1500rpm</td>
<td>32m</td>
<td>35kg</td>
<td>560x740x1260mm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(See page 36 for full accessories) Images may include optional accessories for illustration purposes.
The LoLine will put truly usable power, convenience and efficiency in the hands of the operator, giving superb results.

The LoLine rotary has been designed specifically to meet the demand and raise the handling and performance levels to an exceptional user friendly standard. Our LoLine NLL332 can claim performance characteristics equal to that of bigger, more industrial machines, yet with an ease and speed of operation that will immediately endear it to any user.

A full range of 33cm (13") brushes and pad drives allows the machine to be used for all of the primary floor care functions.

● Pads and Brushes
Full range of 33cm (13") brushes and pad drives for all primary floor care functions.

● Easy Storage
Only 18kg in weight, compact size and folding design means easy and convenient to move and store.

● 200rpm
200rpm means versatility but equals performance of bigger more industrial machines.

The NuSpeed range of professional FloorCare machines has been specifically designed to provide optimum results whatever the application.

All NuSpeed NR models within the range are equipped with our performance enhancing ATC (Automatic Torque Control) feature. This is a unique system that monitors operation and boosts torque as required to provide consistent performance under varying load conditions.

● ATC (Automatic Torque Control)
Monitoring and balancing power input throughout the cleaning cycle.

● Xtra Weight
Unique NuSpeed design means an increase in operating weight of 40kg can be achieved within the standard specification.

● Easy Storage
Compact size and folding handle means easy and convenient to move and store.

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor</th>
<th>Deck</th>
<th>Brush</th>
<th>Pad</th>
<th>Power</th>
<th>Speed</th>
<th>Vacuum</th>
<th>Range</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
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</thead>
<tbody>
<tr>
<td>NLL332</td>
<td>400W</td>
<td>330mm</td>
<td>330mm</td>
<td>330mm</td>
<td>230V AC</td>
<td>200rpm</td>
<td>Optional</td>
<td>32m</td>
<td>18kg</td>
<td>450x580x1185mm</td>
</tr>
<tr>
<td>NR1500S</td>
<td>1500W</td>
<td>450mm</td>
<td>450mm</td>
<td>400mm</td>
<td>230V AC</td>
<td>150rpm</td>
<td>Optional</td>
<td>32m</td>
<td>40kg</td>
<td>460x580x1250mm</td>
</tr>
</tbody>
</table>

(See page 35 for full accessories)
TwinTec The Cylinder Machine

Designed to be compact, easy to operate and exceptionally manoeuvrable when in use, whilst the oversized transit wheels allow easy movement to and from any specific locations.

The cylinder power brush ensures deep cleaning performance, whilst the twin water pick-up nozzles allow multi-directional operation which is vitally important when cleaning narrow walkways often found in shops and food stores. You can walk in forwards and reverse out without turning and without loss of scrubbing and drying performance.

TwinTec The Compact Single Disc

The TwinTec 1840 cable machine has been designed to address the question of size being exceptionally compact, yet with performance equal to bigger machines.

The compact design really does allow this machine to clean in areas normally cleaned by hand, yet 30% to 40% faster and better.

Although designed for small and congested areas the TT1840G is equally at home in larger areas and can be used in conjunction with our cable reel, “the cable reel that rolls”, extending the cable length from 20m to 40m without any loss of performance.

The style and proportion of the polyform water tanks allow the machine to adopt a convenient tilt position with only approximately 5 litres in the clean water tank to facilitate single handed brush or pad changing.

- Compact        Yet exceptionally manoeuvrable.
- Multi-directional Twin water pick-up nozzles for all round cleaning.
- Cylinder Power Brush Ensures deep cleaning.
- Swing Steering  Provides easy directional control.
- Transit Wheels  Oversized transit wheels allow easy movement to and from any location.
- Simple Control  Easy to use operator controls.

- Water Feed System
  360° liquid feed for uniform delivery.
- Convenient
  Fold flat design for easy transport from site to site.
- Rugged Construction
  Tough all steel chassis design.
- Fully Adjustable Handle
  For the perfect working position.
- Low Noise
  Quieter, unobtrusive design means true versatility.
- Easy Change
  Easy one handed brush or pad changing.

TT1535G 400W 1000W 220-240V 50Hz 1000rpm 42m 350mm 15L 38kg 480x750x740mm

TT1840G 400W 300W 220-240V 50Hz 150rpm 42m 360 / 400mm 18L 40kg 520x880x1132mm
The TwinTec mains cable range has masterful performance moving under its own brush power with amazing speed and purpose. Available with 45 or 55cm scrub width.

When selecting a scrubber dryer machine, the area that needs to be cleaned and the time available to clean it will determine the preferred size of the brush system. Care must be taken, however, to ensure that bigger is better but not too big, taking into account the obstructions that must be navigated during the daily cleaning cycle.

- **TwinFlo Vacuum Motor**
  Provides exceptional wet pick-up.

- **Structofoam Tilting Brush Deck**
  Making brush changes quick and simple.

- **Planetary Gearbox**
  Longlife, oil filled, low load gearbox.

- **Simple Control**
  Simple on/off trigger controls.

- **Polyform Tanks**
  Heavy duty clean and dirty water tanks.

- **Flexifill System**
  Easy filling and emptying system.

- **Structofoam Chassis**
  Incredibly tough and chemical resistant Structofoam moulded chassis.

### Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Brush Motor</th>
<th>Wet Motor</th>
<th>Power (Vac Motor)</th>
<th>Brush Speed</th>
<th>Range</th>
<th>Pad / Brush Width</th>
<th>Capacity</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT4045G</td>
<td>1500W</td>
<td>1200W</td>
<td>220-240V</td>
<td>50Hz</td>
<td>150rpm</td>
<td>400 / 450mm</td>
<td>67L</td>
<td>68kg</td>
<td>360x935x1100mm</td>
</tr>
<tr>
<td>TT4055G</td>
<td>500 / 550mm</td>
<td>68kg</td>
<td>560x935x1100mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The TT6650G cable machine is a genuine workhorse providing a truly cost effective answer to big area low cost floor maintenance.

First and foremost the user will find the TT6650G as easy to use as our smaller machines with the control and operation systems to exactly the same specification, it handles like a dream.

Big capacity Polyform tanks provide a full 60 litre capacity to match the exceptionally stable 65cm single brush scrubbing head, complemented by an oversized, floating aluminium floor tool.

- **Polyform Tanks**
  Heavy duty clean and dirty water tanks.

- **Structofoam Tilting Brush Deck**
  Making brush changes quick and simple.

- **Fully Adjustable Handle**
  For the perfect working position.

- **TwinFlo Vacuum Motor**
  Provides exceptional wet pick-up.

- **Stainless Chassis**
  Strong stainless steel chassis.
The TwinTec 1840 machine has been designed to address the question of size being exceptionally compact, yet with performance equal to bigger machines.

The compact design really does allow this machine to clean in areas normally cleaned by hand, yet 30% to 40% faster and better.

- Battery Pack  
  Quick change 24V gel battery pack.

- Cable Free  
  Total freedom of 24V battery operation.

- Water Feed System  
  360° water feed system for uniform liquid delivery to floor.

- Fully Adjustable Handle  
  Flat to upright for perfect position.

- Parabolic Squeegee  
  270° rotating parabolic squeegee system.

- Quick Change  
  Fast, single handed brush or pad changing.

- Hi / Lo Mode  
  For quieter cleaning when needed.

- Easy to use controls  
  Now with red touch user friendly controls.

- Gel Batteries  
  Up to 2hr runtime, 10hr charge time.

- Battery and Hour Meter  
  Simple clear hour / battery indicator.

- Fully Adjustable Handle  
  Flat to upright for perfect position.

- Structofoam Chassis  
  Incredibly tough and chemical resistant polyform moulded chassis.

- 30L Capacity Polyform Tank  
  Heavy duty clean and dirty water tanks.

- 45cm Scrub Width  
  Tilting deck for easy brush change.

TwinTec Battery Compact

Does 23 years of practice make a better scrubber dryer? Yes, the TTB345 is where it all started. It’s been a leader for 23 years and today’s new GelTec TGB3045 is a further advance and tomorrow’s new classic.

The TGB3045 offers the best of both worlds with compact design and a full width cleaning capability.

- Easy to use controls  
  Now with red touch user friendly controls.

- Gel Batteries  
  Up to 2hr runtime, 10hr charge time.

- Battery and Hour Meter  
  Simple clear hour / battery indicator.

- Fully Adjustable Handle  
  Flat to upright for perfect position.

- Structofoam Chassis  
  Incredibly tough and chemical resistant polyform moulded chassis.

- 30L Capacity Polyform Tank  
  Heavy duty clean and dirty water tanks.

- 45cm Scrub Width  
  Tilting deck for easy brush change.

TwinTec Battery GelTec Compact

<table>
<thead>
<tr>
<th>Model</th>
<th>Brush Width</th>
<th>Wet Water</th>
<th>Brush Speed</th>
<th>Batteries</th>
<th>Charge Time</th>
<th>Runtime</th>
<th>Recharge Time</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTB1840G</td>
<td>400mm</td>
<td>300g</td>
<td>10rpm</td>
<td>2x12V (24V 18Ah)</td>
<td>150min</td>
<td>45min</td>
<td>6hr</td>
<td>52kg</td>
<td>520x850x1132mm</td>
</tr>
<tr>
<td>TGB3045</td>
<td>400mm</td>
<td>300g</td>
<td>100rpm up to 2hr</td>
<td>2x12V (24V 55Ah)</td>
<td>10hr</td>
<td>400 / 450mm</td>
<td>90kg</td>
<td>470x890x1100mm</td>
<td></td>
</tr>
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</table>

TwinTec Battery Compact

<table>
<thead>
<tr>
<th>Model</th>
<th>Brush Width</th>
<th>Wet Water</th>
<th>Power</th>
<th>Speed</th>
<th>Runtime</th>
<th>Recharge Time</th>
<th>Weight</th>
<th>Dimensions (WxLxH)</th>
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<tbody>
<tr>
<td>TTB1840G</td>
<td>400mm</td>
<td>300g</td>
<td>400W</td>
<td>10rpm</td>
<td>45min</td>
<td>6hr</td>
<td>52kg</td>
<td>520x850x1132mm</td>
</tr>
<tr>
<td>TGB3045</td>
<td>400mm</td>
<td>300g</td>
<td>550W</td>
<td>100rpm up to 2hr</td>
<td>10hr</td>
<td>400 / 450mm</td>
<td>90kg</td>
<td>470x890x1100mm</td>
</tr>
</tbody>
</table>
With these machines every part is designed to combine the best in functionality and reliability.

The TGB4045 is the classic Numatic TwinTec 24V battery model. It started its life with 30 litre capacity, now raised to 40 litre, and is today the most popular model worldwide. The premium specification starts with a steel chassis, structofoam tilting brush deck, polyform tanks, fully sealed gel batteries, built in battery charger, heavy duty TwinFlo wet pick-up vacuum system and heavy duty geared brush drive.

The 4055 is one size up from the 4045 containing all the advanced TwinTec 24V features but with a 20% increased cleaning path. The 4055T (traction) offers effortless cleaning due to the powerful traction unit. A traction model is essential where inclines such as wheelchair ramps are present.

- **Fully Sealed Gel Batteries**
  Maintenance free batteries to ensure the highest standard of operational life.

- **Twinflo Vacuum Motor**
  Provides exceptional wet pick-up.

- **Structofoam Tilting Brush Deck**
  Making brush and pad changing quick and easy.

- **Easy Operation**
  Simple on / off trigger control.

- **On-board Charging**
  Convenient and easy, just plug and go.

<table>
<thead>
<tr>
<th>Model</th>
<th>Brush Power</th>
<th>Vac Motor</th>
<th>Power</th>
<th>Brush Speed</th>
<th>Runtime</th>
<th>Pad / Brush Drive</th>
<th>Weight</th>
<th>Traction Drive</th>
<th>Dimensions (WxLxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGB4045</td>
<td>300W</td>
<td>400W</td>
<td>2x12V (24V 100Ah)</td>
<td>100rpm</td>
<td>10hr</td>
<td>400 / 450mm</td>
<td>128kg</td>
<td>-</td>
<td>470x1070x1160mm</td>
</tr>
<tr>
<td>TGB4055</td>
<td>500W</td>
<td>550W</td>
<td>134kg</td>
<td>560x1115x1160mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TGB4055T</td>
<td>2.0hr</td>
<td>2.0hr</td>
<td>250W</td>
<td>140kg</td>
<td>550mm</td>
<td>40L</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Easy-to-use controls combined with professional cleaning.

The 55cm (20") size of TwinTec is becoming more and more popular and, in support of this, we have introduced two new models with 60 litre capacity, a 50% increase over the 40 litre models and available in both traction and non-traction specifications.

Both models of TGB6055 have 60 litre capacity and a 55cm (20") single brush scrubbing path, dual brush pressure selection, built in battery charging, easy fill and easy emptying facilities, with added traction power drive for the 6055T model which would be essential if inclines or ramps are involved.

- Simple Operator Controls
  2 switches for vacuum and water.
- On-board Charging
  Convenient and easy, just plug and go.
- Gel Batteries
  Up to 2.25hr runtime, 8hr charge time.
- Flexifill System
  Easy filling and emptying with flexifill system.
- Battery and Hour Meter
  Simple clear hour / battery indicator.
- Traction Drive System
  Makes the cleaning of inclines safer and easier (TGB6055T).
TwinTec Battery Twin Brush TGB8572

When a walk behind is better than a ride-on the 8572 is the perfect option. The powerful twin brush design provides a 72cm scrub width, tackling the biggest of areas with ease. An 85 litre capacity keeps you cleaning for longer.

Ease of use and maintenance is at the heart of the design for the 8572. Simple, intuitive controls get you working quickly whilst the colour coding of components guide the operator through use. A flip hinge tank allows for quick and easy access to the GelTec maintenance free batteries.

- **Twin Brush Design**
  Powerful cleaning with wide-track design.

- **Simple Operator Controls**

- **On-board Charging**
  Convenient and easy, just plug and go.

- **Gel Batteries**
  Maintenance free.

- **Flexifill System**
  Easy filling and emptying with flexifill system.

- **Battery and Hour Meter**
  Simple clear hour / battery indicator.

- **Traction Drive System**
  Makes the cleaning of inclines safer and easier.

<table>
<thead>
<tr>
<th>Model</th>
<th>Brush Motor</th>
<th>Vac Motor</th>
<th>Power</th>
<th>Brush Speed</th>
<th>Runtime</th>
<th>Flexi Filling</th>
<th>Soft Bristle Pad Width</th>
<th>Full Width</th>
<th>Capacity</th>
<th>Ready to Use Weight</th>
<th>Dimensions WxLxH</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGB8572</td>
<td>600W</td>
<td>400W</td>
<td>24V</td>
<td>215rpm</td>
<td>8-10hr</td>
<td></td>
<td>2 x 370mm</td>
<td>2 x 850mm</td>
<td>85L</td>
<td>35.5kg</td>
<td>472 x 1144 x 1144mm</td>
</tr>
</tbody>
</table>

(See pages 36-37 for full accessories)
Compact Ride-on 8055

Not too big, not too small, good capacity, simple controls, excellent performance and very competitive in terms of price.

In truth the CRO8055G is competitive with most walk behinds of the same size. So now you can sit rather than walk and by virtue of the exceptional manoeuvrability, substantial time will be saved on middle size applications.

The CRO8055G also introduces the logic of two machines in place of something much bigger or, to put it another way, Two for the Price of One with added versatility and convenience.

The CRO will go into places where bigger machines are not suitable and anything smaller is just too small.

- **Compact Design**
  Means easy cleaning in tight spaces.

- **Anti-tip System**
  Prevents the machine from tipping when cornering on full lock.

- **On-board Charging**
  Easy and convenient, just plug and go.

- **Fully sealed low maintenance Gel batteries.**

- **Flexifill System**
  Easy filling and emptying with the flexifill system.

- **Easy Operator Control**
  With fully adjustable speed control.

- **Safety Features**
  Emergency stop button, removable power off key, horn button and built in hazard warning light are just a few of the safety features included.

- **Easy Maintenance**
  Easy access to batteries and fuses for maintenance.

CRO8055G

All the benefits of CRO compact design with added wide-track cleaning.

The CRO8072G brings all the features of the popular 8055 model with an additional 30% scrub width. The 2 x 370mm brush configuration provides an astonishing 720mm cleaning width on a ultra compact Ride-on. More cleaning... same user convenience.

- **CRO8072G**
  1 x 600W
  2 x 12V (24V) = 120 Ah
  150rpm
  3hr
  2 x 120 Ah = 20A - 7hr
  400W
  6km/h max
  720mm
  80L
  745x1460x1160mm

---

**Table: CRO8055G / 120**

<table>
<thead>
<tr>
<th>Model</th>
<th>Battery Power</th>
<th>Drive Hours</th>
<th>Traction Hours</th>
<th>Drive Speed</th>
<th>Capcity</th>
<th>Dimensions (WxLxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRO8055G / 100</td>
<td>1 x 600W</td>
<td>2 x 12V (24V) = 100 Ah</td>
<td>2 x 12V (24V) = 120 Ah</td>
<td>150rpm</td>
<td>2 x 120 Ah = 10A - 8hr</td>
<td>400W</td>
</tr>
<tr>
<td>CRO8072G</td>
<td>1 x 600W</td>
<td>2 x 12V (24V) = 120 Ah</td>
<td>150rpm</td>
<td>3hr</td>
<td>2 x 120 Ah = 20A - 7hr</td>
<td>400W</td>
</tr>
</tbody>
</table>

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CRO8072G twin brush design

Easy battery and filter access

Heavy duty integral chassis (CRO8055G shown)
TwinTec Ride-on A Serious Workhorse

A more user friendly ride-on scrubber dryer would be hard to find. Designed to provide long, simple and reliable service day in day out whatever the environment.

The TRO650G is based on the well established engineering of the Vario TTV678 model but simplified to provide a truly professional, cost effective workhorse. You can vary the water flow and the operating speed to suit a whole host of conditions from big areas lightly soiled to heavy duty scrubbing in more arduous conditions.

The TRO650G is blessed with a commanding operator driving position, front wheel traction drive, a magnificent turning circle and one pass performance that really will ensure you get the standard you want, exactly when you want it... and fast.

A full 120 litre capacity with a fixed 650mm twin brush power head the TRO650G is ready to go.

<table>
<thead>
<tr>
<th>Model</th>
<th>Brush Motor</th>
<th>Vac Motor</th>
<th>Power</th>
<th>Recharge Time</th>
<th>Tractor Drive</th>
<th>Drive Speed</th>
<th>Cleaning Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRO650G</td>
<td>2 x 400W</td>
<td>600W</td>
<td>6 x 12V (24V) = 200Ah</td>
<td>3.5hr</td>
<td>600W</td>
<td>7km/h</td>
<td>3.5km/h</td>
</tr>
</tbody>
</table>

- **Twin Brush**
  650 twin brush power head cleaning system.
- **Easy Brush Access**
  Easy side access to brushes for maintenance.
- **Controlled Cleaning**
  Fully adjustable water flow rate.
- **On-board Charging**
  Easy and convenient, just plug and go. Fully sealed low maintenance Gel batteries.
- **Simple Operator Control**
  Full dashboard control with soft touch Nutronic controls.
- **Safety Features**
  Emergency stop button, power off removable key, horn button and hazard warning light and built in reversing alarm are just a few of the many safety features included.
- **Easy Maintenance**
  Easy access to batteries and fuses for maintenance.

**Model Brush Motor**

- 650mm
- 200rpm
- 120L
- 2, 2, 1, 0.5L/min
- 35kg
- 944x1676x1425mm

TRO Aluminium / Polyurethane floor tool
A comfortable, driver friendly, 120 litre, front wheel drive machine with a fantastic turning radius, gets in and out of places other machines just won’t go.

Yes, one machine which can be set to 3 different working widths: 650, 750 and 850 and all at the flick of a simple selection lever. This doesn’t even need tools – anybody can do it at any time. You want it wide – fine... you want it narrow – 30 seconds is all that it takes.

The TwinTec Vario "three in one" (3 in 1) design has proved itself to be almost the perfect balance between sound common sense engineering and innovative and truly functional technology.

The Vario TTV678G, three brush widths in one system

The unique arrangement of 3 independent scrubbing heads which, by virtue of a simple adjustment mechanism, can provide a choice of scrubbing widths which, with the addition of a selection of brushes and pads, can provide customised performance on almost any surface application.

TTV678G

Vario, the machine that gives you what you want.

In many applications changing circumstances change specific needs, so with the Vario you can change the specification to suit your exact requirements. It’s not only the working widths that can be changed; it’s the full operating performance that is under the driver’s complete control – cleaning speed, brush speed, water flow and chemical dosing, nothing left to chance.

<table>
<thead>
<tr>
<th>Width</th>
<th>3 x 24V</th>
<th>400W</th>
<th>24V</th>
<th>600W</th>
<th>6 x 12V (24V) = 300 Ah</th>
<th>8 x 12V (24V) = 400 Ah (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>650mm</td>
<td>3.5hr</td>
<td>4.5hr</td>
<td>8-12hr 6</td>
<td>7km/h</td>
<td>3.5km/h</td>
<td>11%</td>
</tr>
<tr>
<td>750mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>850mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Vario 3 in 1 Brush System
Simple adjustment mechanism provides a choice of scrubbing widths suitable for almost any surface.

Easy Dosing Pre-sets
Correct chemical dosing for every task.

Complete Cleaning Control
Operator has full control of cleaning speed, brush speed, water flow and chemical dosing.

Simple Operator Control
Soft touch dashboard control system.

Easy Maintenance
Easy access to batteries and fuses for service purposes and brush change is simple with the swing out brush cover.

On-board Charger
Simple and convenient, just plug and go. Fully sealed low maintenance Gel batteries.

Small Turning Radius
Means great cleaning even in tight spaces.

Safety Features
Emergency stop button, power off removable key, horn button and hazard warning light and built in reversing alarm are just a few of the many safety features included.

As unique today as when it started - patented technology.

(See pages 26-27 for full accessories)
Selecting a cleaning additive can be confusing, never mind how to store, measure and dispense liquid cleaning additives.

NuTab is simple just pop in a tablet with each tank of water for effective cleaning with a fresh fragrance.

- **Maintenance Cleaning**
  Highly active in cleaning due to special surfactants and alkali solution.

- **Cleans & Cares in one Step**
  Antistatic and dirt-repellent protective film.

- **Economic & Productive**
  1 NuTab per 20 litres of water.
  90 NuTabs - 9 packs of 10 tablets.

20-Litres of water, 1 NuTab and... **Super Clean Floors**
Specialised Brushes (Rotary machines only)

Careful selection of quality brushes and pads will ensure your Floorcare machine always operates at its best.

Polypropylene Brush
General scrubbing duties suitable for most floor types.

Nylon scour/Shampoo Brush
Suitable for when light cleaning is required. Can be used for shampoo cleaning.

Union Mix Polish Brush
Ideal for polishing where a deep penetration of polish is required.

Longlife Scrubbing Brush
Can provide extended cleaning life in comparison to standard scrubbing brushes. Suitable for general scrubbing.

Wire Scarifying Brush
Highly abrasive disc for use on rotary machines.

Carborundum Grinding Disc
Carbon based discs provide high abrasive properties with long life.

Heavy Duty Scarifying Disc - Spirotex 6 Head
Heavy duty scarifying board fitted with 6 Spirotex heads.

Sandtex Disc Drive
Highly abrasive disc for use on rotary machines.

Carborundum / Nylon Brush
Replacement cylinder brushes for TT1535G

Nyloscrub Cylinder / Longlife Cylinder Brush
Suitable for scarifying a range of floor surfaces, typically used in preparation of concrete flooring.

Floortec Heavy Duty Scrubbing / Stripping Brush
Can provide extended cleaning life in comparison to alternative heavy duty scrubbing brushes. Suitable for when lighter scrubbing is required.

Nyloscrub / Shampoo Brush
Suitable for when lighter scrubbing is required.

Floortec Heavy Duty Scrubbing / Stripping Brush (black)
Suitable for shampoo cleaning.

Alternative to PadLoc that may be required when stability needed for 450rpm speed machines.

High Speed Spider NuLoc2 Drive Board (HFM / FMH / NR)
NuLoc2 offers an alternative to PadLoc. Suitable for general scrubbing.

Flexible Brush / Pad Drives

Flexible Drive Board (black)
Flexible specification provides optimum stability needed for 300rpm speed machines.

Three Modes of Drive Board
Flexi specification provides optimum stability needed for 300rpm speed machines.

Three Modes of Drive Board (HFM / FMH / NR)

Three Modes of Drive Board (HFM / FMH / NR) (500mm). Supplied as pack of 5.

Octo Floortec Heavy Duty Scrubbing / Stripping Brush (black)
Ideal for polishing uses a well-proven mix of high quality abrasives for optimum results.

NuPlex Pads Pack of 5
NuPlex Pads Starter Pack

Heavy Duty Scarifying Disc - Spirotex 6 Head (x2)
(500mm). Supplied as pack of 5.

Flexi NuLoc2 Drive Board For 300rpm (HFM / FMH / NR)
NuLoc2 offers an alternative to PadLoc. Suitable for general use.

Flexible Heavy Duty Scrubbing / Stripping Brush
Can be used for shampoo cleaning.

Nuplex Pad
Suitable for general scrubbing.

NuPlex Topline Speed Burnish Pad
Suitable for general use.

Nuplex Topline Speed Burnish Pad
Suitable for general use.

NuPlex Pads Starter Pack
A simple, effective and easy to use system.

PadLoc Drive Board (black)
A simple, effective and easy to use system.

PadLoc Drive Board
Supplied with standard machine

Guidance only - Each application should be assessed before selection of brush / pad.

Supplied with standard machine

Specifications subject to change without prior notice.
Accessories

Using genuine Numatic accessories will ensure you achieve the best results from your FloorCare machine.

Each accessory is developed with professional cleaners in mind, good quality design makes all the difference when a task is repeated day after day.

Hurricane and NuSpeed Accessories

TT1535G
Optional Replacement Polyurethane Blade Set (2 pieces) PN:903001

TT1535S
Optional Replacement Polyurethane Blade Set (4 pieces) PN:903007

HA3045 / HB3045 / TB3045 / HT4454 / TT4454 / TG4454 / TF4454 / TG4455 / TB4455 / CR00055 / CR00705 / TV5670 / TR5605G
Replacement Polyurethane Blade Set

HFM / NPR Dustrol Kit (Blue) PN:606378
HNS 1550 Dustrol Kit (Blue) PN:606374
NR Dustrol Kit (Grey) PN:606376

HFM / HNS / NPR Optional Spraytec Kit PN:603054

HFT / FMH / HFM / NLL / HLL Solution Tank PN:606081

HGBT 3055 / HBG3055 / TGB3055 / HT4055 / TT4055G / TGB4055 / CRO8055G / CRO8072G / TV678G (805mm) PN:900518

TTV678G
38mm Emptying Hose Extension Kit PN:606138

TTB1840G Battery & Charger Pack

UK PN:606266
EUR PN:606267
SA PN:606268
AUS PN:606271

TTB1840G Battery & Charger Pack (boxed) PN:606260

CRO Machines

Wander Floor Kit (38mm), c/w fitting kit PN:903183

CRO Spray Mop Mounting Kit PN:903182

TRO / TTV / CRO Caddy Kit (Red) PN:902739

TRO / TTV Replacement Seat Cover PN:604053

NuTab dosing tablets 5x 50 litre bucket PN:903261

NuTab dosing tablets 5x 50 litre bucket PN:903261

TT1545G / TB1545S
Replacement Rubber Blade Set (2 pieces) PN:603003

TwinTec / Vario Floor Tools

Plastic Floor Tool Polyurethane
TT / TT1535G / HFT Blade PN:603032

Aluminium Floor Tool
Adaptable wheels & green polyurethane blades included
HFT / TTV6705 / TTV6785G / TV5670 / TV6505 / TR6505G / TGB6505 / TGB8505 (1053mm) PN:606089
TTV6705 / TR6705G / TV6765G / PN:604046

TwinTec / Vario Accessories

TT1545G / TT1545S
Battery & Charger Pack

UK PN:606266
EUR PN:606267
SA PN:606268
AUS PN:606271

TT1545G Battery & Charger Pack (boxed) PN:606260

Aluminium Floor Tool Wide Angle Adjustable Castor Plate Upgrade Kit PN:903033

TwinTec / Vario Blade Sets

90 x 20 Litre Bucket

9 x packs of 10 Tablets PN:903981

CRO Machines

Wander Floor Kit (38mm), c/w fitting kit PN:903183

CRO Spray Mop Mounting Kit PN:903182

TRO / TTV / CRO Caddy Kit (Red) PN:902739

TRO / TTV Replacement Seat Cover PN:604053

NuTab dosing tablets 5x 50 litre bucket PN:903261

TT1545G / TB1545S
Replacement Rubber Blade Set (2 pieces) PN:603003

HGBT 3055 / HBG3055 / TGB3055 / HT4055 / TT4055G / TGB4055 / TG4455 / TB4455 / CR00055 / CR00705 / TV5670 / TR5605G
Replacement Polyurethane Blade Set

TB3045 / TB4454 / TB4455 / CR00055 / CR00705 / TV5670 / TR5605G

TT4454 / TG4454 / TG4455 / CR00055 / CR00705 / TV5670 (830mm) PN:900518

TT4055G / TG4454 / TG8005 / TGB8005 / TGB8205 (924mm) PN:900519

TTV670G / TR6705G (1053mm) PN:606080

TTV670G
38mm Emptying Hose Extension PN:606138

TTB1545G
Battery LED Front Light Kit PN:606170

GK1535G
Optional Replacement Polyurethane Blade Set (4 pieces) PN:903001

Using genuine Numatic accessories will ensure you achieve the best results from your FloorCare machine.

Each accessory is developed with professional cleaners in mind, good quality design makes all the difference when a task is repeated day after day.