Coffee is a constant in our everyday lives. Any time, any place; coffee is the catalyst that brings people together, to enjoy and to share. There are countless ways to prepare coffee and an infinite variety of coffee recipes – it’s possible to say that there’s a particular coffee out there for every lover of the world’s favourite beverage.

Coffee drinking was first discovered by Ethiopian monks hundreds of years ago, but it’s never been more popular: coffee brewing and preparation methods have evolved constantly to meet changing consumer tastes.

That’s why every Vitro development is focussed on extracting the best possible coffee according to contemporary tastes, to provide the consumer with the perfect coffee experience.
The Vitro range of professional hot beverage machines is designed with attention to every detail. After investigating the current design trends in the coffee industry and finding out what consumers and operators expect from an automatic coffee machine, we believe we’ve created a machine that combines our experience as manufacturers with a contemporary, aesthetic and timeless design.

Every aspect of Vitro enhances the user experience, the culmination of which sets the range apart from other beverage systems. Thanks to our uncompromising focus on continuous development and innovation, we’ve fused our growing knowledge with the demands of a fast-changing world.

We’ve focused on what’s most important: offering the best machine and the best product; taking care of the smallest details and giving unmistakeable personality and identity to the whole Vitro range.
Vitro’s smoked glass door and touch screen user interface elegantly displays a comprehensive menu, it’s a state of the art combination that will complement any location.

The user display, together with the cup positioning lighting system and intuitive tray position, guides the user through a simple and pleasing experience, every time they order a drink.

The customisable mood lighting installed along the door can easily be changed to match any colour scheme. The intelligent lighting system for the dispensing area and the beverage locator can also be changed to suit its environment.
**DRINK TECHNOLOGIES**

**ESPRESSO**
The Vitro Espresso system tamps and brews freshly ground coffee with 9 bar pressure. This is the accepted pressure to achieve the best results, delivering the ideal crema and body.

**INSTANT**
The Vitro optimised soluble technology ensures that every soluble product is mixed at the ideal speed. The Vitro mixing bowl is developed to obtain a crema from soluble coffee, whereas the soluble milk system assures that milk is served with the desired consistency for every recipe.

**BEAN TO CUP**
Coffee is brewed at low pressure, by extracting hot water through the coffee. Subsequently, the coffee is agitated to obtain the desired crema.

**FRESH BREW TEA**
The Vitro Fresh Leaf tea paperless brewing system infuses the tea by filtering hot water through the leaf tea.
FEATURES

TOUCH SELECTION
Selections on Vitro machines are made by a simple touch, thanks to the integrated capacitive selection panel situated behind the machine’s smoked glass. (excludes Vitro S1)

LED
LED lighting provides a stylish look to the machines whilst illuminating the dispensing area.

USB CONNECTION
Machine program and settings can be downloaded and uploaded via a USB key. (excludes Vitro S1 and S5)

HOT WATER SPOUT
The separate hot water spout avoids cross contamination between coffee and other soluble products.

REMOVABLE TRAY
Enables liquid waste removal without opening the machine door, for increased efficiency.

MEDIA SCREEN
A 10.1 inch HD Media player for inspirational or promotional videos is included as an option. Content can be easily uploaded via USB port or HDMI feed. The screen includes a remote control for programming. An additional RSS Airgo feed can be integrated.
The Vitro S ensures you can provide your customers the drinks they want, just as they like them. The core features of Vitro S are its speed and reliability, so you can relax while Vitro provides your customers with a pleasant coffee experience.

**VITRO S HAS ALL THE DRINK TECHNOLOGIES TO CHOOSE FROM**

The Vitro S series is the most versatile of the range when you’re talking about hot beverage technology. It represents the current diversity of coffee/tea serving and preparation. You can choose the technology that matches the tastes of all your customers. So everyone can find the drink they’re looking for.

**DURABLE & CONSISTENT**

The Vitro S range is made for high demand locations where machine limits are tested. You can face any peak service period with complete peace of mind as every single drink delivers exactly what your customers want.

**MAKE YOUR CUSTOMERS HAPPY**

Cater for your customers’ needs with the drink they desire, wherever and whenever they want it. Vitro S machines are your automatic Barista – capable of serving your customers the drinks they want 24/7.

**FIRST IMPRESSIONS**

Making a good first impression helps you earn your customers’ trust and loyalty. Every machine in the Vitro S range adds style to any location. Furthermore, the Vitro S4 machine can feature, as an option, a 10.1-inch media screen to display promotional or inspirational videos that will engage with any customer.

**A MACHINE FOR EVERY SITUATION**

Every model in the Vitro range has been designed to fulfill the different requirements of each and every location. The Vitro S1 and Vitro S2 compact footprints make them ideal for offices or catering services where space is at a premium. The Vitro S4 Instant can provide jugs of coffee for those moments of high demand, such as meetings and conference break-outs. The Vitro S5 capacity and security accessories makes it ideal for unattended, high-demand locations.

**QUICKLY READY TO SERVE AGAIN**

Time means money! The Vitro S range makes cleaning and maintenance quick and easy so you can get your machines back into service.
The Vitro S1 Espresso is a compact coffee machine designed to provide the highest quality of coffee espresso based drinks into any location that consumes less than 60 cups per day.

**Technical features**

- **0.315 litres Pressure Boiler capacity (Espresso)**
- **1.1 kW Max. power Pressure Boiler**
- **0.8 Bar Min. / 10 Bar Max. Water Pressure**

**Machine Capacity**

<table>
<thead>
<tr>
<th>Product</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffee beans</td>
<td>200 g / 77 cups</td>
</tr>
<tr>
<td>Powdered Milk</td>
<td>600 g / 150 cups</td>
</tr>
<tr>
<td>Chocolate</td>
<td>800 g / 40 cups</td>
</tr>
<tr>
<td>Coffee Cakes</td>
<td>80 cakes</td>
</tr>
</tbody>
</table>

**Drink Capacity**

<table>
<thead>
<tr>
<th>Drink Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Espresso</td>
<td>150 cups</td>
</tr>
<tr>
<td>Cappuccino (Powdered Milk)</td>
<td>150 cups</td>
</tr>
<tr>
<td>Chocolate</td>
<td>40 cups</td>
</tr>
</tbody>
</table>

**Productivity per hour**

- **Hot water per hour**: 9.9 litres.
- **Espresso**: 90 cups.
- **Soluble drink**: 90 cups.
- **Cappuccino**: 70 cups.

**Dimensions**

- **Width**: 430 mm
- **Depth**: 625 mm
- **Height**: 305 mm
- **Weight**: 27.5 Kg
The Vitro S1 Instant has been designed to fit the smallest spaces; it is an autonomous automatic coffee machine including four soluble products as standard - providing the consumer with a varied selection of hot beverages to choose from.

**Technical features**
- 0.315 litres Pressure Boiler capacity
- 1.1 kW Max. power Pressure Boiler
- 0.8 Bar Min. / 10 Bar Max. Water Pressure

**Machine Capacity**
- Instant Coffee: 600 g / 250 cups
- Decaf Coffee: 400 g / 250 cups
- Powdered Milk: 600 g / 150 cups
- Chocolate: 800 g / 40 cups

**Productivity per hour**
- Hot water per hour: 9.9 litres
- Soluble drink: 90 cups
- Cappuccino: 70 cups

**Drink Capacity**
- Espresso: 250 cups
- Cappuccino (Powdered Milk): 150 cups
- Chocolate: 80 cups

Dimensions:
- 305 mm
- 430 mm
- 625 mm

Additional features:
- Instant Hot Water
- Removable Tray
- 2-height Cup Stand
- Water Tank
VITRO S2 INSTANT

Is a quick and compact soluble machine that features two coffees, chocolate and milk as standard, together with the ability to substitute sugar or other soluble products.

Technical features
- 5.3 litres atmospheric Boiler capacity (Instant product)
- 2.80 kW Max. power atmospheric Boiler
- 0.8 Bar Min. / 10 Bar Max. Water Pressure

Machine capacity
- Sugar: 1500 g / 250 cups
- Instant Coffee: 425 g / 265 cups
- Powdered Milk: 1200 g / 300 cups
- Chocolate: 1200 g / 60 cups

Productivity per hour
- Hot water per hour: 45 litres
- Espresso: 240 cups
- Soluble drink: 240 cups
- Cappuccino: 80 cups

Drink Capacity
- Espresso: 265 cups
- Cappuccino (Powdered Milk): 265 cups
- Chocolate: 60 cups

Dimensions:
- 450 mm x 320 mm x 670 mm

Features:
- Instant
- Touch Selection
- RGB Light
- USB Connection
- Removable Tray
- Hot Water Spout
VITRO S3 FRESH BREW TEA

Incorporates a paperless fresh leaf tea brewing system, which adds freshly prepared leaf tea based drinks to the Vitro menu.

Technical features:
- 2.4 litres atmospheric Boiler capacity (Instant product)
- 2.80 kW Max. power atmospheric Boiler
- 0.8 Bar Min. / 10 Bar Max. Water Pressure

Machine capacity:
- Leaf Tea: 1000 g / 400 cups
- Instant Coffee: 425 g / 265 cups
- Powdered Milk: 1200 g / 300 cups
- Chocolate: 1200 g / 60 cups
- Sugar: 1500 g / 250 cups

Productivity per hour:
- Soluble drink: 240 cups
- Cappuccino: 80 cups

Drink Capacity:
- Espresso: 265 cups
- Cappuccino (Powdered Milk): 265 cups
- Chocolate: 60 cups
VITRO S3 BEAN TO CUP

Offers a combination of freshly-ground and brewed bean coffee, chocolate and milk.

Technical features
- 2.4 litres atmospheric Boiler capacity (Instant product)
- 2.80 kW Max. power atmospheric Boiler
- 0.8 Bar Min. / 10 Bar Max. Water Pressure

Machine capacity
- Coffee beans: 1600 g / 200 cups
- Powdered Milk: 1200 g / 300 cups
- Chocolate: 1200 g / 60 cups
- Grout Bin: 65 cakes

Productivity per hour
- Hot water per hour: 30 litres
- Espresso: 240 cups
- Soluble drink: 240 cups
- Cappuccino: 60 cups

Drink Capacity
- Espresso: 200 cups
- Cappuccino (Powdered Milk): 200 cups
- Chocolate: 60 cups

Dimensions
- 550 mm x 440 mm
- 830 mm x 530 mm
VITRO S4 INSTANT

It is ideal for those locations where capacity is critical. It has the same configuration as the Vitro S2 Instant - with an additional 30% volume. The machine has a large capacity boiler for continuous supply and is prepared for jug serving. Additionally, a 10.1 inch screen can be installed as an option to deliver promotional or allergen and nutritional information.

**Technical features**

- **10 litres atmospheric Boiler capacity (Instant product)**
- **2.80 kW Max. power atmospheric Boiler**
- **0.8 Bar Min. / 10 Bar Max. Water Pressure**

**Machine capacity**

- **Sugar**: 1950 g / 325 cups
- **Instant Coffee**: 600 g / 375 cups
- **Powdered Milk**: 760 g / 390 cups
- **Chocolate**: 1560 g / 78 cups

**Productivity per hour**

- **Hot water per hour**: 70 litres
- **Espresso**: 240 cups
- **Soluble drink**: 240 cups
- **Cappuccino**: 80 cups
- **Espresso**: 375 cups
- **Cappuccino (Powdered Milk)**: 375 cups
- **Chocolate**: 75 cups

**Drink Capacity**

- **Espresso**: 375 cups
- **Cappuccino (Powdered Milk)**: 375 cups
- **Chocolate**: 75 cups

**Eco mode**

- **USB Connection**
- **Removable Tray**
- **Hot Water Spout**
- **Touch Selection**
- **RGB LED**
- **Media Screen**
- **High Capacity Jug Facility**
- **Cup Stand**
VITRO S4 FRESH BREW TEA

Capacity is similar to what you'd expect in free-standing machines. This quick service machine is capable of producing a freshly brewed tea in just 20 seconds. A 10.1 inch HD Media player for inspirational or promotional videos can be included as an option.
VITRO S5 ESPRESSO

Offers the authentic taste of real espresso. The Vitro S5 offers 12 selection buttons and integrates a cup stand. This machine is recommended for unattended locations thanks to its high capacity and secured tray.

Technical features

- 0.7 litres Pressure Boiler capacity (Espresso)
- 1.4 kW Max. power Pressure Boiler
- 0.8 Bar Min. / 10 Bar Max. Water Pressure

Machine capacity

- Coffee beans: 2600 g / 570 cups
- Decaf Coffee: 450 g / 224 cups
- Powdered Milk: 2000 g / 500 cups
- Chocolate: 2500 g / 115 cups
- Grout Bin: 2300 g / 115 cups
- Grout Bin: 200 cakes

Productivity per hour

- Hot water per hour: 25 litres
- Espresso: 90 cups
- Soluble drink: 240 cups
- Cappuccino: 80 cups
- Drink Capacity
  - Espresso: 370 cups
  - Cappuccino (Powdered Milk): 370 cups
  - Chocolate: 115 cups

Eco mode

- Instant
- Touch Selection
- USB Connection
- Removable Tray
- Hot Water Spout
The Vitro S5 instant has 12 selections to choose from, offering a great variety of hot beverages. The capacity of the product hoppers and self-contained design of the waste tray are specifically designed for self service areas.

### Technical Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instant Boiler Capacity</td>
<td>0.7 litres</td>
</tr>
<tr>
<td>Maximum Power Pressure Boiler</td>
<td>1.4 kW</td>
</tr>
<tr>
<td>Minimum / Maximum Water Pressure</td>
<td>0.8 Bar / 10 Bar</td>
</tr>
</tbody>
</table>

### Machine Capacity

<table>
<thead>
<tr>
<th>Drink Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instant Coffee</td>
<td>850 g / 80 cups</td>
</tr>
<tr>
<td>Decaf Coffee</td>
<td>450 g / 25 cups</td>
</tr>
<tr>
<td>Powdered Tea</td>
<td>1000 g / 250 cups</td>
</tr>
<tr>
<td>Powdered Milk</td>
<td>800 g / 150 cups</td>
</tr>
<tr>
<td>Chocolate</td>
<td>2500 g / 50 cups</td>
</tr>
</tbody>
</table>

### Productivity per Hour

<table>
<thead>
<tr>
<th>Drink Type</th>
<th>Productivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot Water</td>
<td>25 litres</td>
</tr>
<tr>
<td>Espresso</td>
<td>90 cups</td>
</tr>
<tr>
<td>Soluble Drink</td>
<td>240 cups</td>
</tr>
<tr>
<td>Cappuccino</td>
<td>80 cups</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>480 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>590 mm</td>
</tr>
<tr>
<td>Height</td>
<td>775 mm</td>
</tr>
</tbody>
</table>

### Eco Mode

- Instant
- High Capacity
- Touch Selection
- Led
- USB Connection
- Removable Tray
- Secured Tray
- Hot Water Spout
- Cup Stand