

VEGO



Suitable for heavy duty and maintenance cleaning
of floors up to 4500 sq.m.



Vega 65/75/85 BT

Scrubbing version
with two disc brushes

Vega 70 BTS

Scrubbing-sweeping version
with cylindrical brushes

Vega 70 BTO

Orbital version
with pad

Vega: the scrubbing machine with a simple yet extremely robust character



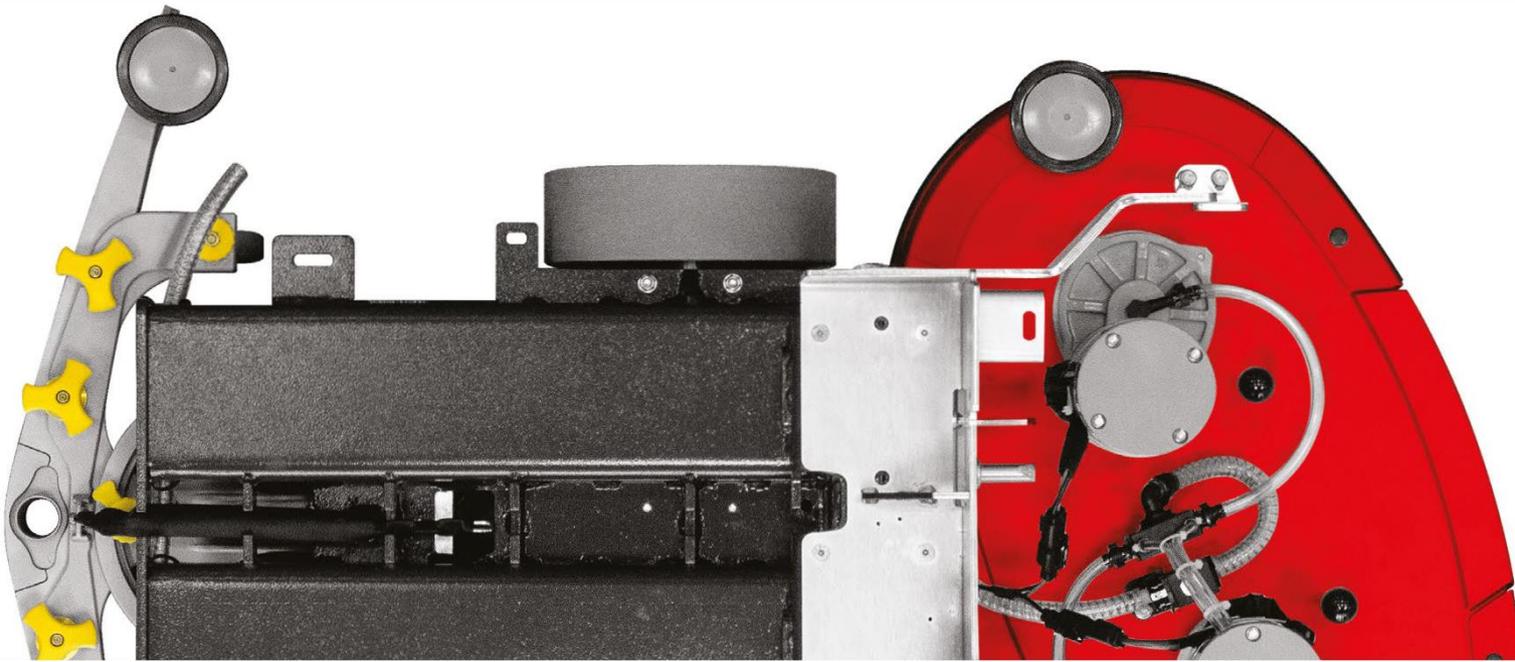
The advantages of Vega

- **Robust design** but easy to use
- **Great autonomy and excellent cleaning performances** in an extremely **manoeuvrable** machine
- Designed specifically for the people who will use it, this scrubbing machine is built with the utmost **care and attention to quality**
- **Equipped with cutting-edge safety systems**, it transforms simple daily cleaning operations into an extraordinary application experience



Robust and reliable

The brush head, the squeegee attachment and the frame are all in die-cast aluminum, making Vega extremely robust and **reliable over time**, as well as being lightweight to enhance manoeuvrability and comfort during use.



Intuitive and easy to use

Driving is user-friendly, controls are clear, and the display means that scrubbing machine information is accessible at a simple glance in an understandable, direct and easy to read manner



Optimal results on any type of floor



The brush head with disc brushes is
extremely versatile:

it adapts to all types of floor and easily removes
stubborn dirt.

Optimal results on any type of floor



The brush head with cylindrical brushes combines scrubbing and sweeping actions for effectively clean uneven floors where there are small, solid residues.

The debris hopper on the base can be removed very easily for emptying.

Optimal results on any type of floor



The orbital brush head can be used to clean **various types of floor**. It ensures perfectly uniform cleaning even on the sides of the brush head flush with the wall and in corners.

In addition, it can **work effectively even without the use of chemicals** in many situations.

Thanks to the high number of vibrations generated by this brush head, the **floor will be brighter over time**.

Optimal results on any type of floor

The self-leveling splash guards on the disc versions also adapt automatically to uneven floors to keep water inside the work area and avoid splashes

The constant pressure on the brushes ensures optimal results on any type of floor



PM - PRESSURE MONITORING
System for monitoring the pressure on the brushes.

PM (Pressure Monitoring) versions of Vega have a system that controls the power supplied by the brush motors to ensure maximum efficiency on any type of floor.

Optimal results on any type of floor

Vega achieves excellent drying performance to dry floors immediately.

For more difficult situations, it can be equipped with the powerful 3-stage vacuum motor (optional).



Optimal results on any type of floor



CSF - CONSTANT SOLUTION FLOW

Versions of Vega with disc type brush head are equipped with the CSF system (Constant Solution Flow) - a distribution system with differential filter sections that ensures correct delivery of solution on both brushes, thereby improving effectiveness even at low flow rates.

Optimal results on any type of floor



Spray the solution on the area that has to be cleaned



Collection of the solution with the telescopic wand



Clean of the recovery tank

SST – Spray and Suction Tools

It is possible to spray the solution where usually the scrubber dryer cannot clean.

Moreover, the telescopic wand allows the collection of the remaining dirt leaving a dry floor.

The gun can also be used for cleaning the recovery tank.

Maximum performance while saving resources and controlling consumption - CDS



Separate water and
detergent management



3 litres detergent
tank

Vega can be equipped on request with **CDS (Comac Dosing System)** for the separate management of water and detergent, that allows to increase or reduce their flow, according to the type of dirt to clean, thus avoiding wastes.

It reduces cleaning solution consumption by up to 50%.

The details that make Vega so easy and reliable

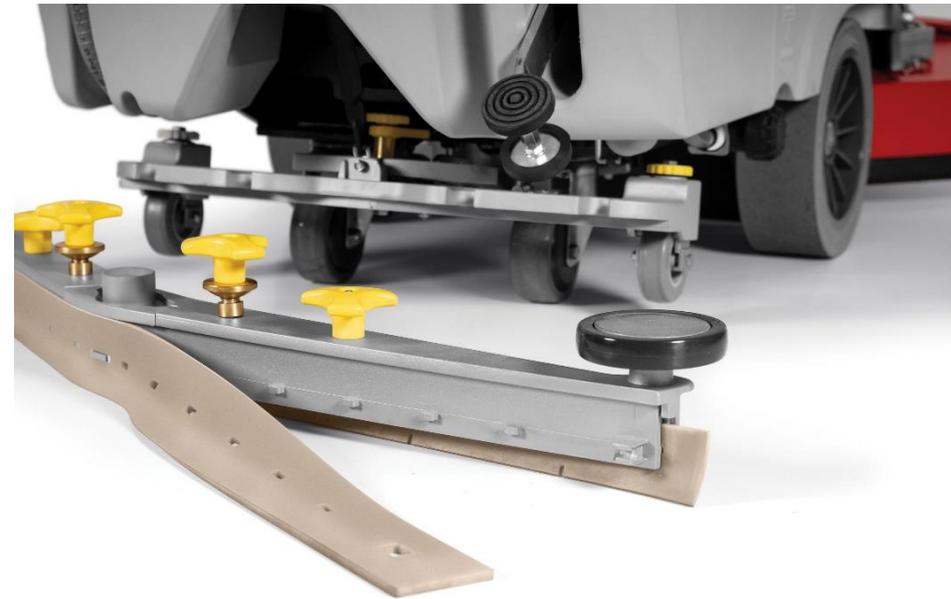
Full accessibility to **components** for easier maintenance operations



Yellow color-code identifies the parts involved in daily maintenance.

At the end of the shift, the operator can easily and quickly find what parts have to be sanitized, without wasting time

The details that make Vega so easy and reliable



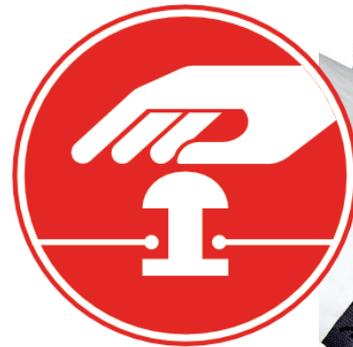
Rubber blades replacement or rotation are carried out in few seconds
without any tool

The details that make Vega so easy and reliable

The electrical system is
fully protected



The emergency button allows to
immediately stop the machine in case of
emergency

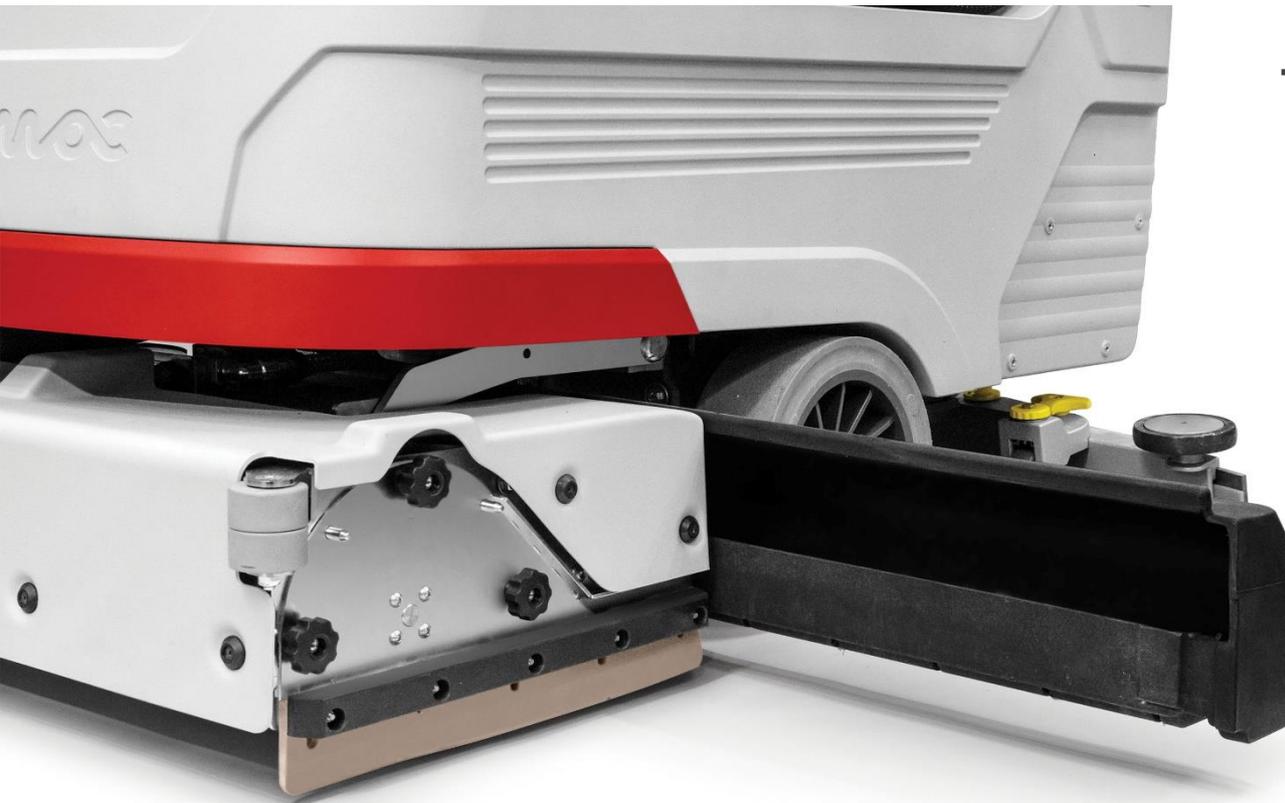




The details that make
Vega so easy and reliable

The squeegee lifting system
comprises an ergonomic
die-cast aluminum handle
and a sturdy, durable steel chain

The brush head is lifted and
lowered
through a comfortable pedal
(version without PM - Pressure
Monitoring)



The details that make
Vega so easy and
reliable

The scrubbing-sweeping version (BTS) is equipped with a debris hopper that can
be easily emptied taking it out from the right side

The details that make
Vega so easy and
reliable



The solution tank filler hose can be connected directly to any water tap, thus allowing the machine to be quickly refilled at any location Vega can also be equipped with the **Fast Filling System**, a simple device that allows rapid filling with clean **water** even without operator supervision.



The details that make
Vega so easy and
reliable

The level in the solution tank
is always under control, thanks
to an indicator that results useful when
filling the tank with water and during
work, to know when you need to stop
to empty the recovery tank



The details that make Vega so easy and reliable



The optional on-board **battery charger** means you can recharge Vega even more quickly and easily (optional)



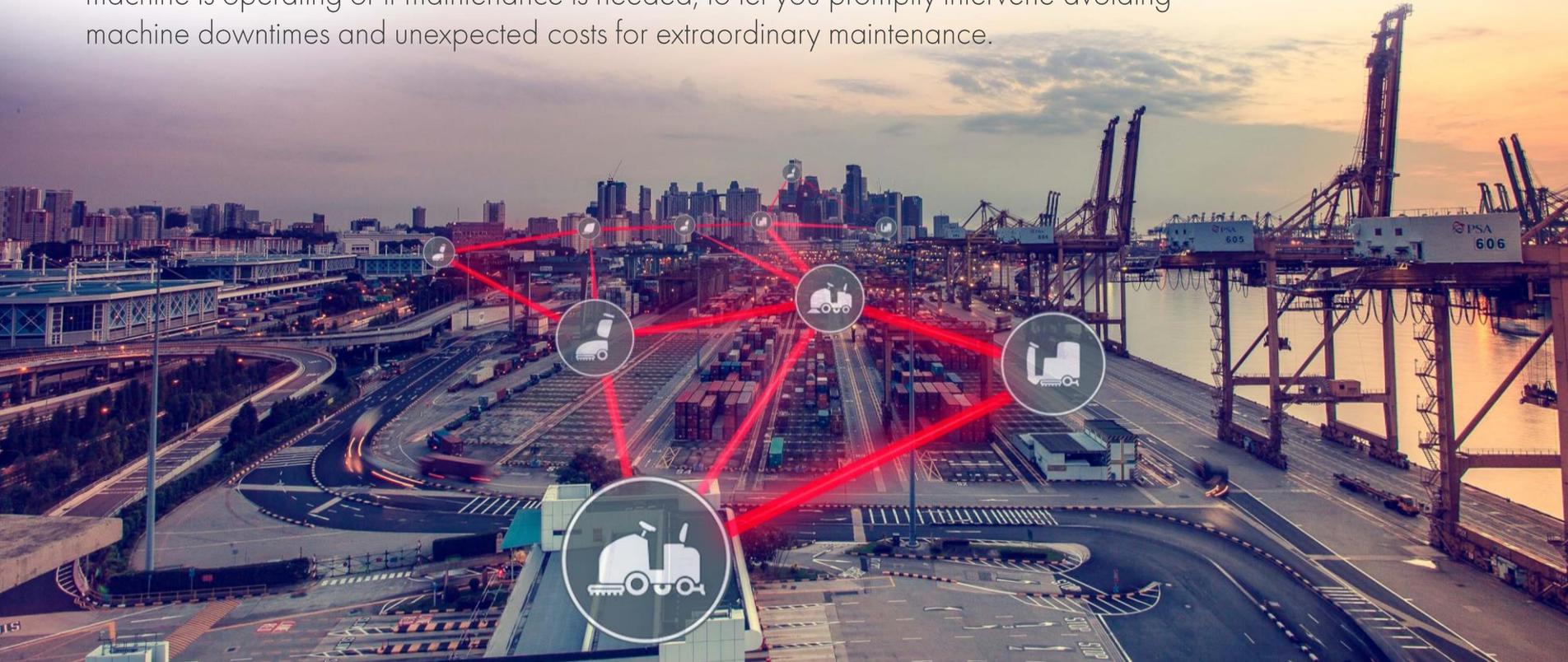
The elastic net can be used to carry additional cleaning **tools** that allow to complete the cleaning operations (optional)

CFC - Comac Fleet Care

The technology designed by Comac for the management of fleets that increases efficiency and reduces costs.

Vega can be arranged with the equipment needed for fleet management through Comac Fleet Care (CFC).

This system that allows the **remote control of machines status**: if, when and where each machine is operating or if maintenance is needed, to let you promptly intervene avoiding machine downtimes and unexpected costs for extraordinary maintenance.



Comac for ENVIRONMENT

We know how important it is to respect the environment, so we are always committed to minimizing our impact on it and making the people involved in our work more aware on this front



SUSTAINABLE TECHNOLOGIES

Comac has always been designing and manufacturing highly competitive products with **reduced environmental impact**. Today, more than ever, thanks to the introduction of more and more innovative technologies, **Comac machines are able to optimize the use of resources by eliminating the waste of energy**, reducing noise pollution and time dedicated to cleaning operations.

Comac' sustainable technologies respect the environment and also get the user involved in responsible use of resources, while offering several benefits. Discover Comac's sustainable technologies designed for Vega to optimize the use of resources.



Eco mode

The Comac technology for the reduction of noise that allows resources to be saved and waste to be reduced

Working in ECO Mode not only reduces energy consumption and lowers the noise level of Vega, but also boosts productivity by optimizing the use of water, detergent and the battery. This function makes Vega is the ideal scrubbing machine to be used also in sensitive environments and wherever there are people present.



Stop&Go

The system for making cleaning operations more economical, optimizing consumption and reducing emissions

When the machine is temporarily idle, the solution flow is interrupted, the brushes are halted and the brush head is automatically lifted off the floor, with no need for operator intervention. So that consumptions are optimized and wastes reduced. Pressing the forward movement button resets the functions that were previously activated.



SSC - Solution Smart Control Solution Smart Control for the control of the flow of solution.

Vega can be equipped with the innovative **SSC (Solution Smart Control)**, it is an intelligent management of the solution delivered to the brushes. The scrubber drier will automatically increase and decrease the flow of the solution based on the operating speed. Therefore, there will be a reduction in waste and economic savings.



Lithium battery

Lightweight, these batteries can be recharged whenever desired and are always ready to use.

These batteries are extremely light and easy to transport, and can be placed in any position. Furthermore, they do not require maintenance, and can be charged anywhere, with no need for special considerations.



ReWater

The Comac technology installed on board the machine which increases productivity and reuses the water used by floor scrubbers.

Comac floor scrubbers equipped with ReWater technology allow you to reuse the cleaning solution used for floor cleaning operations. This is because they have been equipped with a filtering system which allows you to work smoothly while maintaining constant the cleaning performances.





Healthcare



Cleaning Contractors



Logistics



Well-being and sports



Public



Transport



Large-Scale
retailing



Automotive



Industrial



Vega: an answer to your needs

Vega' standard accessories

STANDARD ACCESSORIES	Vega 65BT	Vega 75BT	Vega 85BT	Vega 70BTO	Vega 70BTS
COMFORT					
Hour meter	•	•	•	•	•
Eco Mode	•	•	•	•	•
Electronic control panel with diagnostics	•	•	•	•	•
Brush head lifting	Manual/Auto(PM)	Manual/Auto(PM)	Manual/Auto(PM)	Manual/Auto(PM)	Manual/Auto(PM)
Ergonomic squeegee handle	•	•	•	•	•
Speed selector	•	•	•	•	•
Squeegee rubber blades usable on 4 sides	•	•	•	•	•
Color-coded parts for easy maintenance	•	•	•	•	•
Flexible hose for fast water filling	•	•	•	•	•
Water level indicator	•	•	•	•	•
Self-leveling splash guard	•	•	•	•	•
CSF – Constant Solution Flow	•	•	•	-	-
SAFETY					
Emergency stop	•	•	•	•	•
Automatic parking brake	•	•	•	•	•
Antiskid wheels	•	•	•	•	•
Die-caste aluminum frame	•	•	•	•	•

Optional accessories

OPTIONAL	Vega 65BT	Vega 75BT	Vega 85BT	Vega 70BTO	Vega 70BTS
CB (on board battery charger)	•	•	•	•	•
CDS (Comac Dosing System)	•	•	•	•	•
SSC (Solution Smart Control)	•	•	•	•	•
CFC (Comac Fleet Care)	•	•	•	•	•
SST (Spray Suction Tool)	•	•	•	•	•
PM – Pressure Monitoring	•	•	•	•	•
3 stages vacuum motor	•	•	•	•	•
Fast Filling System	•	•	•	•	•
Elastic net as object holder	•	•	•	•	•
Lithium batteries	•	•	•	•	•
ReWater	•	•	•	•	•

Vega in numbers

TECHNICAL DATA		Vega 65BT	Vega 75BT	Vega 85BT	Vega 70BTO	Vega 70BTS
Solution tank	l	75	75	75	75	75
Recovery tank	l	115	115	115	115	115
Detergent tank capacity (CDS)	l	3	3	3	3	3
Nominal power	W	1522	1720	1720	1400	1622
Supply/traction	V	24/ aut.				
Working width	mm	665	765	850	710	640
Squeegee width	mm	785	885	985	885	885
Working capacity up to	m ² /h	2816	3289	3655	3053	2752
Disc brushes Ø	(n.) mm	(2) 340	(2) 400	(2) 440	-	-
Cylindrical brushes Ø	(n.) mm	-	-	-	-	(2) 180-615
Rectangular pad	(n.) mm	-	-	-	(1) 710x355	-
Debris hopper capacity	l	-	-	-	-	5
Brush pressure	Kg	40	40	40	40	40
Brush pressure (PM version)	Kg	53	53	53	53	53
Brush motor	V/W	24/400 (2)	24/500 (2)	24/500 (2)	24/680 (1)	24/450 (2)
Brush revolution/orbital	rpm	240	140	140	2000	605
Suction motor	V/W	24/422	24/422	24/422	24/422	24/422
Traction motor	V/W	24/300	24/300	24/300	24/300	24/300
Forward speed (max)	Km/h	4,3	4,3	4,3	4,3	4,3
Battery compartment dimensions (L x h x w)	mm	525 x 385 x 325				
Batteries	V/Ah (C5)	Gel 6/210 Wet 6/210 Lithium 24/150				
Machine dimensions (L x h x w)	mm	1495 x 1055 x 785	1515 x 1055 x 885	1545 x 1055 x 985	1390 x 1055 x 885	1475 x 1055 x 885
Machine weight (without batteries)	Kg	169	178	187	187	180
Sound pressure level (ISO 11201)	dB (A)	<70	<70	<70	<70	<70

Comac Copyright

Ownership of the information and/or documents:

All information (by which we mean all data and information with the sole exception of that of common knowledge or which COMAC has disclosed without reserve) and all documents (drawings, photos, etc.) are the exclusive property of COMAC and their use does not mean there is any kind of acquisition of titles, property or exploitation of rights or licences except for the limited permission of use ruled by this document.

By way of example and, therefore, not limited to, such information and/or documents can be the following:

Marketing section:

high definition digital images for the implementation of commercial catalogues on paper or web sites, company trademarks, original graphical documents from which texts are taken (e.g. the descriptive notes), PDF documents and original documents in ppt format.

Professional use of the data:

It is a proven fact that the information and/or documents, subject of this commitment, are and will be used by the beneficiary exclusively for carrying out his professional business and, therefore, no specific laws regarding consumer protection are applicable.

Confidentiality:

The Party that benefits from the information or use of documents taken from or, in any case, part of the commercial documentation, shall use all such information and/or documents with maximum care solely for the purposes connected to execution of this contract with COMAC and shall:

keep such information and/or documents confidential except for those, due to their nature, which are to be disclosed (promo-advertising material etc.);

shall not divulge any information and/or document to its suppliers, collaborators or employees beyond what is strictly necessary so that they may fulfil their tasks concerning relations with COMAC and shall ensure that the suppliers, collaborators and employees that have access to the information and/or documents are, in turn, bound by a confidentiality commitment to the benefit of COMAC; shall not divulge any information to third parties without the prior written consent by COMAC; copy and/or in any other way reproduce any information or document without the prior written consent of COMAC; take all the necessary measures to protect confidentiality.

Returning information and/or documents:

Whilst maintaining exclusive ownership at all times, COMAC has the right, at any time, to ask in writing or by e-mail, that all the information and/or documents received be returned or no longer used and within the term of thirty days from receipt of this request, all the information and/or documents must be returned, including any copies, or destroy such information and/or documents and relative copies so as to prevent them from being recovered and COMAC must be given a written declaration certifying that the information and/or documents have all either been returned or destroyed.

This obligation to return, destroy or no longer use is set automatically in motion when the relationship is cancelled with COMAC for any reason whatsoever.

Applicable law, cancelling clauses and Court having jurisdiction:

This interpretation, integration, execution and the effects of this commitment will be governed by Italian law.

If one or more points of this agreement are cancelled it does not invalidate the remaining points.

All disputes will be put to the exclusive jurisdiction of the Verona Courts.