

EVERYONE
NEEDS
ARMA



CATALOGUE

Arma[®]
Strong. Experienced. Worldwide.



Armal®

Strong. Experienced. Worldwide.

INDEX

COMPANY

ABOUT US p. 5

APPLICATION FIELDS

PORTABLE TOILET APPLICATION FIELDS p. 8

SUSTAINABILITY

ENVIRONMENTAL SUSTAINABILITY p. 10

QUALITY AND FUNCTIONALITY

PLUSES p. 12

PRODUCTS

CUBE PORTABLE TOILET p. 16

CUBE PORTABLE WITH SQUATTING TANK p. 23

HERGO PORTABLE TOILET p. 28

CUBE CHANGING ROOM p. 30

CUBE PORTABLE TOILET WITH REMOVABLE TANK p. 32

CUBE PORTABLE TOILET WITH REMOVABLE TANK AND RE-CIRCULATING KIT p. 33

HANDY PORTABLE TOILET p. 34

CUBE MAINS CONNECTED TOILETS p. 36

CUBE SHOWER p. 38

PORTER'S LODGE p. 40

NEW MIXABLE POP COLORS p. 41

TWIN AND TRIPLE CUBE p. 43

CUBE HN PORTABLE TOILET p. 44

OTHER PRODUCTS

BORDER p. 47

AQUASTAND p. 48

FREE-STANDING URINAL p. 49

DEODORIZERS

BIO p. 51

PEARL p. 54

CLASSIC p. 56

VACUUM MODULES

VACUUM MODULES TRANSVERSAL/LONGITUDINAL p. 60

VACUUM MODULES T-EASY p. 68

VACUUM MODULES LIGHT p. 71

COMPANY





ABOUT US

ARMAL belongs to a Group of companies specialized in the research and development of innovative products for the Portable Sanitation, Construction and Environmental Industries. Founded in 1987 as a family owner company, ARMAL set up the first production factory in Italy, and then a second one in Georgia State - USA, in 2005. In 2010 two private found equities, LBO France and the Italian Yarpa S.p.A., acquired the majority share of Diamont Group, owner of ARMAL and SEBACH. The acquisition has brought to life Ylda Group S.p.A..



Nowadays, thanks to two manufacturing plants and two commercial branches, one in China and the second in India, ARMAL exports to over 110 countries. ARMAL is proud to be the supplier of important partners: SEBACH, the leading company in the Italian portable sanitation rental market; SEBACH FRANCE, a well underway rental activity started in France in 2010 and SEBACH SARLAU, that is developing in Morocco.

Extraordinary modern production technology has enabled ARMAL to introduce many new and creative plastic products. As a result, the Company has gained an enviable reputation throughout the world for the reliability and value of its products.

ARMAL is particularly capable to respond to the needs of companies and associations operating in disaster areas thanks to its large production capability of 230 portable toilets per day in Italy and 130 portable toilets per day in the US plant. This is made possible by injection molding technology combined with efficient logistic and packing solutions.



COMPANY



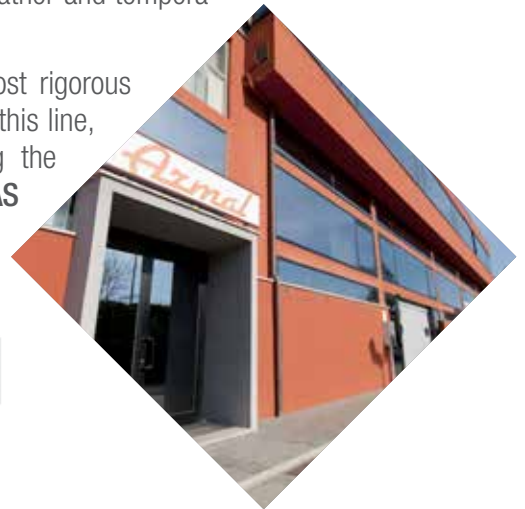
Expanded warehousing capabilities and unique logistical and packing solutions result in shortened transportation time and delivery costs.

The combination of meticulously selected raw materials and a system of total quality control ensures uniformity throughout the production process.

Our commitment to design is well expressed in our **ScentCUBE**: the only factory in the sector to produce perfumed plastic toilets.

KEY FACTORS

- High quality products and creative solutions and applications for the customers.
- Extensive production capabilities incorporating advanced technology highly-skilled and efficient workforce.
- The use of UV-resistant grade 4 high density polyethylene plastic. This product exhibits excellent related to impact resistance, strength and the ability to withstand severe handling and use in the most extreme weather and temperature conditions.
- ARMAL products are engineered according to the most rigorous safety and environmental standards. To continue along this line, ARMAL has been recognized of certifications during the years: **ISO 9001:2008**, **ISO 14001:2004** and **OHSAS 18001:2007**.





APPLICATION FIELDS

PORTABLE TOILETS APPLICATION FIELDS





SUSTAINABILITY

ENVIRONMENTAL SUSTAINABILITY

The environment, social factors and the economy are integrated into sustainability, creating a model that will allow future generations to enjoy a better quality of life. The company dedicates itself every day to the environmental sustainability of its products, focusing on:

- customizing toilets
- saving resources

ARMAL TOILETS AND SAVING RESOURCES

- Are conceived to be completely dismantled at the end of its life cycle and their materials are easily recyclable thanks to a limited use of metallic pieces.
- Contain a reduced and homogeneous number of materials, mainly the HDPE, that has a high level of recyclability.
- Reduced water consumption: specific technical solutions have led to less than 0,1 l of water to be used per flush instead of the 3-9 l used in a normal home toilet.
- Reduced consumption of energy during use: the roof of our portable toilets is translucent to let light in and the internal mechanism works mechanically avoiding the use of electricity.
- Service at low environmental impact: ARMAL completes its range of products providing a line of vacuum tanks that combine the saving of water, sanitary concentrate and the collecting of toilet waste.



ARMAL invests a lot in the Sustainability field, not only in their products construction features and materials but also in the production process. On March 2015 ARMAL has adopted the environmental certification system ISO 14001:2004 that allows the environmental management according to the principles of continuous environmental improvement.



QUALITY AND
FUNCTIONALITY

PLUSES

ARMAL toilet unit represents an authentic advancement in the Portable Sanitation Industry and is the result of years of manufacturing experience. Designed after market research and opinions of the operators and the end users, CUBE toilet is a blend of practical features and captivating design that emphasizes the Company's attention to the details and to the needs of different markets world wide.

• EASY HANDLING



Rounded edges afford ease of handling. The toilet can be moved by only one operator.



The **nick under the base** allows both the positioning of a specific transportation dolly to move the CUBE without effort and the loading on the truck wheelbase.



Excellent size/weight ratio ensures both the user comfort and the easy handling for the operator.

• EASY ASSEMBLING



Thanks to a **reduced number of rivets and to an only type of rivet**, CUBE can be simply assembled by only one operator.



• ERGONOMIC AND PRACTICAL DESIGN



Highly stable door thanks to the heavy duty spring coil. The door has thicker areas in crucial points. **New ergonomic door handle** with perfect functionality of the occupied/vacant indicator and **new adjustable wind resistance device** fitted to the door to ensure perfect closure when unlocked. **Integrated hinges for padlock.**



Single block floor highly resistant to impact, with non-slip surface and raised rims preventing accumulation of dirt and facilitating the washing and disinfecting operations. Small grates facilitate the water drainage.



Functional waste collection tank with **ergonomic seat** and anti-contact bends. The tank is well fixed to the rear wall panel to **prevent the dirty accumulation.**



The **overlapping wall assembly** system allows **the rivets to be hidden** throughout for greater safety. The inner core enables **rapid and safe insertion of the lifting kit** (optional).



Ventilator pipe connected to the waste tank specially shaped to the design of the walls to **maximize space inside** the cabin.



Ultra-smooth walls can be washed easily with built-in irremovable aeration vents to protect the cabin from rain and to ensure **good aeration conditions** inside the toilet even with high temperatures outside. The **roof is UV treated** and endures at extreme climate conditions.

QUALITY AND FUNCTIONALITY



CUBE is very versatile, thanks to the use of the same shell, it can be “transformed” and adapted to different uses by changing the components inside.

CUBE can be assembled together in different combinations, **TWIN and TRIPLE cabin**.

Standard colors



Fragranced wall panels



CUBE is available in a wide range of colors and it can be even provided in your **personalized RAL**.

• SAVE SPACE PACKAGING



ARMAL has conceived a standard package that allows shipping 4 complete CUBE units by saving space and costs in transportation.



PRODUCTS



CUBE PORTABLE TOILET

CUBE Portable Toilet, specially conceived for construction sites and important events of big public affluence, has a practical and elegant design at the same time.



WEIGHT EMPTY
76 Kg

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

TANK CAPACITY
210 l approx.

EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

SEAT HEIGHT
51 cm

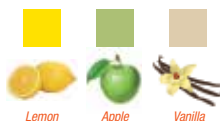
MATERIAL USED
High density grade 4 polyethylene.
Anti UV Treatment

NUMBER OF USES
230

STANDARD COLOURS



FRAGRANCED WALL PANELS





ACCESSORIES

STANDARD CONFIGURATION

CUBE Portable Toilet comes with the wall urinal, the coat/tool-belt hook and 3-rolls toilet paper holder.



OPTIONAL

CUBE Portable Toilet is very versatile and can be configured with several optional fittings.

SINKS RANGE

HAND WASH SINK JUNIOR



Advanced version of the Waterwall hand wash sink, JUNIOR hand wash sink preserves the features of ergonomic design, while it offers light weight to the toilet and easier water refill. It is a forearm version so the user can easily wash his forearm. The foot-pump allows a hygienic and safe use. JUNIOR sink top can be used as practical utility shelf.

WEIGHT EMPTY: 10 Kg

CAPACITY: 38 l approx.

DIMENSIONS: 60,5 x 23 x 120 cm

MATERIAL USED: High density polyethylene.

COLOR: Grey

NUMBER OF USES: 200

HAND WASH SINK WATERWALL



Thanks to a new ergonomic design, WATERWALL sink saves more room inside the portable toilet. WATERWALL hand wash sink can be installed separately or integrated with WATERWALL Fresh Water Flush in one time. The water tank can be easily refilled from a cap on the top and emptied from a cap on the bottom. It works by foot-pump.

WATERWALL is available in black color and is paired with mirror, while soap-dispenser and tissues-holder are available as optional fittings.

WEIGHT EMPTY: 13 Kg

CAPACITY: 60 l approx.

DIMENSIONS: 60,5 x 23 x 195 cm

MATERIAL USED: High density polyethylene.

COLOR: Black

NUMBER OF USES: 330



HAND WASH SINK WITH HAND OR FOOT PUMP

ARMAL hand wash sink has a slim profile and it saves room inside the toilet's case. Easy to be installed, it works by a hand or foot pump and it has a capacity of 48 liters of fresh water. A small stopper-lock at the bottom allows the drainage of the remaining water. Available also with foot pump system.

WEIGHT EMPTY: 6,5 Kg

CAPACITY: 45 l approx.

DIMENSIONS: 49 x 23 x 106 cm

MATERIAL USED: High density polyethylene.

COLOR: Grey

NUMBER OF USES: 230



FLUSHING SYSTEMS

FRESH WATER FLUSH WATERWALL



WATERWALL fresh water flush system has the same ergonomic design of Waterwall hand wash sink. It is installed above the toilet holding tank, right in the walls corners, to save room inside the toilet. It can be installed separately or combined with Waterwall hand wash sink. The water tank is easily refilled from a cap on the top of the water tank. It works by foot pump. Now it is equipped with a **new ultrasound welded nozzle**, especially designed to optimize the water flushing.

WEIGHT EMPTY: 12 Kg

CAPACITY: 68 l approx.

DIMENSIONS: 36 x 36 x 146 cm

MATERIAL USED: High density polyethylene.

COLOR: Black

NUMBER OF USES: 200

RE-CIRCULATING FLUSHING SYSTEM WITH HAND OR FOOT PUMP

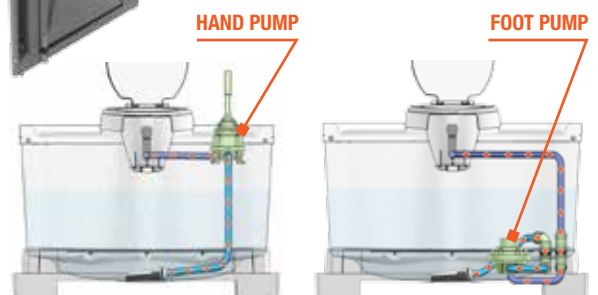


*Especially developed to ensure more freshness for the portable toilet, the re-circulating kit prevents the waste of fresh water to flush the toilet. Thanks to a filter that has been manufactured on this purpose the water mixed with the super-concentrate can be filtered thinly and reutilized for the toilet flushing. The re-circulating kit device works by hand-pump or optionally by foot-pump. Now it is equipped with a **new ultrasound welded nozzle**, especially designed to optimize the water flushing.*

TOILET TANK CAPACITY: 210 l approx.

CLEAN WATER: 10 l

SANIFICATION LIQUID: 100 ml



For all combinations available please see our website ARMAL.biz/products



FRESH WATER FLUSH SYSTEM WITH HAND OR FOOT PUMP

This is the first ARMAL Fresh Water Flush System that, differently from the Waterwall, can be paired with foot or hand pump. Now it is equipped with a new ultrasound welded nozzle, especially designed to improve the water flushing.

WEIGHT EMPTY: 6,5 Kg

CAPACITY: 50 l approx.

DIMENSIONS: 49 x 23 x 90 cm

MATERIAL USED: High density polyethylene.

COLOR: Grey

NUMBER OF USES: 150



HAND PUMP

FOOT PUMP

OTHER OPTIONAL ACCESSORIES

HANDY SHOWER KIT



This kit is made of a fresh water tank and a handy-shower that hangs on its side and is used specially in Muslim countries for ablutions. It turns out to be useful for other purposes as well, i.e. to wash down the sand out of the feet, to rinse the toilet seat, etc.

LIFT KIT



A useful kit for hauling up the toilets has been designed for those companies that focus on construction sites toilets and require safe and handy tools to facilitate the lifting of toilets by crane. The kit can be inserted into the roof and through the hidden core alongside the wall panels of the toilet and fixed in the bottom for a secure hold.

TRANSPORT DOLLY



ARMAL transport dolly is very practical for moving any CUBE standard cabin from one location to another. CUBE transport dolly is made of aluminum, so it has a light-weight.

AIR FRESH DISPENSER



It contains ARMAL Air Fresh and it is installed inside the toilet's door, so it sprays the fragrance every time you open the door. It allows also the fragrance intensity regulation. Capacity 250 ml.

HAND GEL DISPENSER



Easily to assemble on the toilet walls, it has a capacity of 550 ml can be refilled with any normal hand soap or sanitizer.

MIRROR



Easy to be installed. Dimensions are 19,5x19cm.

NIGHT LUX SENSOR LED RIVET GUN



Thanks to a crepuscular presence sensor, it enlightens only when someone enter inside and only by night. Batteries duration: about 6 months.



This pneumatic tool is intended solely for use with rivets. We recommend the use of a lubricator group for compressed air to protect the tool from premature wear and tear of the components in movement.



CUBE PORTABLE WITH SQUATTING TANK

This particular CUBE Squatting Toilet is made to be more comfortable and sturdy for the user. The Squatting tank is collocated right in the corner of the toilet's walls to save more room inside the toilet. It can be "drop tank" or it can be paired with foot-pump recirculating system or Waterwall fresh water flush tank.



kg **WEIGHT EMPTY**
88,5 Kg

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

TANK CAPACITY
210 l approx.

EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

STEP HEIGHT
35 cm

MATERIAL USED
High density grade 4 polyethylene.
Anti UV Treatment

NUMBER OF USERS
230

STANDARD COLOURS



FRAGRANCED WALL PANELS



ACCESSORIES

STANDARD CONFIGURATION

CUBE portable with squatting tank comes with the coat/tool-belt hook and 3 rolls toilet paper holder.





OPTIONAL

CUBE portable toilet is very versatile and can be configured with several optional fittings.

SINKS RANGE

HAND WASH SINK JUNIOR



Advanced version of the Waterwall hand wash sink, JUNIOR hand wash sink preserves the features of ergonomic design, while it offers light weight to the toilet and easier water refill. It is a forearm version so the user can easily wash his forearm. The foot-pump allows a hygienic and safe use. JUNIOR sink top can be used as practical utility shelf.

- WEIGHT EMPTY:** 10 Kg
- CAPACITY:** 38 l approx.
- DIMENSIONS:** 60,5 x 23 x 120 cm
- MATERIAL USED:** High density polyethylene.
- COLOR:** Grey
- NUMBER OF USES:** 200

HAND WASH SINK WATERWALL



Thanks to a new ergonomic design, WATERWALL sink saves more room inside the portable toilet. WATERWALL hand wash sink can be installed separately or integrated with WATERWALL Fresh Water Flush in one time. The water tank can be easily refilled from a cap on the top and emptied from a cap on the bottom. It works by foot-pump.

WATERWALL is available in black color and is paired with mirror, while soap-dispenser and tissues-holder are available as optional fittings.

- WEIGHT EMPTY:** 13 Kg
- CAPACITY:** 60 l approx.
- DIMENSIONS:** 60,5 x 23 x 195 cm
- MATERIAL USED:** High density polyethylene.
- COLOR:** Black
- NUMBER OF USES:** 330

FLUSHING SYSTEMS

FRESH WATER FLUSH WATERWALL



*WATERWALL fresh water flush system has the same ergonomic design of Waterwall hand wash sink. It is installed above the toilet holding tank, right in the walls corners, to save room inside the toilet. It can be installed separately or combined with Waterwall hand wash sink. The water tank is easily refilled from a cap on the top of the water tank. It works by foot pump. Now it is equipped with a **new ultrasound welded nozzle**, especially designed to optimize the water flushing.*

WEIGHT EMPTY: 12 Kg

CAPACITY: 68 l approx.

DIMENSIONS: 36 x 36 x 146 cm

MATERIAL USED: High density polyethilene.

COLOR: Black

NUMBER OF USES: 200

RE-CIRCULATING FLUSHING SYSTEM WITH FOOT PUMP



*Especially developed to ensure more freshness for the portable toilet, the re-circulating kit prevents the waste of fresh water to flush the toilet. Thanks to a filter that has been manufactured on this purpose the water mixed with the super-concentrate can be filtered thinly and reutilized for the toilet flushing. The re-circulating kit device works by hand-pump or optionally by foot-pump. Now it is equipped with a **new ultrasound welded nozzle**, especially designed to optimize the water flushing.*

TOILET TANK CAPACITY: 210 l approx.

CLEAN WATER: 10 l

SANIFICATION LIQUID: 100 ml

For all combinations available please see our website ARMAL.biz/products



OTHER OPTIONAL ACCESSORIES

HANDY SHOWER KIT



This kit is made of a fresh water tank and a handy-shower that hangs on its side and is used specially in Muslim countries for ablutions. It turns out to be useful for other purposes as well, i.e. to wash down the sand out of the feet, to rinse the toilet seat, etc.

LIFT KIT



A useful kit for hauling up the toilets has been designed for those companies that focus on construction sites toilets and require safe and handy tools to facilitate the lifting of toilets by crane. The kit can be inserted into the roof and through the hidden core alongside the wall panels of the toilet and fixed in the bottom for a secure hold.

TRANSPORT DOLLY



ARMAL transport dolly is very practical for moving any CUBE standard cabin from one location to another. CUBE transport dolly is made of aluminum, so it has a light-weight.

AIR FRESH DISPENSER



It contains ARMAL Air Fresh and it is installed inside the toilet's door, so it sprays the fragrance every time you open the door. It allows also the fragrance intensity regulation. Capacity 250 ml.

HAND GEL DISPENSER



Easily to assemble on the toilet walls, it has a capacity of 550 ml can be refilled with any normal hand soap or sanitizer.

MIRROR



Easy to be installed. Dimensions are 19,5x19cm.

NIGHT LUX SENSOR LED RIVET GUN



Thanks to a crepuscular presence sensor, it enlightens only when someone enter inside and only by night. Batteries duration: about 6 months.



This pneumatic tool is intended solely for use with rivets. We recommend the use of a lubricator group for compressed air to protect the tool from premature wear and tear of the components in movement.

HERGO TOILET

SPEED, ERGONOMICS, HYGIENE, ALL IN A PORTABLE RESTROOM



We haven't just changed the color. With Hergo, we have changed the whole picture. Developed to solve some of the most frequent usability problems experienced by women, Hergo makes life easier for everyone using a portable restroom. Hergo has been especially designed to improve ergonomics, to reduce contact with the toilet's tank and seat, and to save precious time.



TRANSLUCENT ROOF



ERGONOMIC HANDLE



ANTI-SLIP FLOOR

WEIGHT EMPTY
76 Kg

TANK CAPACITY
180 l approx.

SEAT HEIGHT
51 cm

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

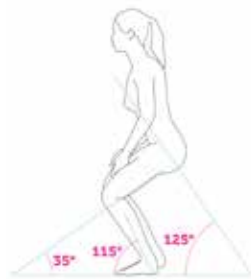
MATERIAL USED
High density grade 4 polyethylene.
Anti UV Treatment

NUMBER OF USERS
230



ERGONOMICS

A more spacious portable restroom with inclined seat. We discovered that by improving and customizing the inclination of both tank and seat we could make things much easier.



LIMITED CONTACT

Perhaps the greatest concern related to the use of public toilets is that they might be unsanitary and unsafe. That's why users want to come into close contact with as little surfaces as possible, particularly with those areas deemed as red.



SPEED

Open-air gatherings, concerts, sport events: a long line at the portable restrooms can easily ruin a beautiful day outside. With Hergo, we turned the paradigm onto its head, creating a portable toilet that adapts to users instead.



ACCESSORIES

STANDARD

COAT HOOK



3 ROLLS TOILET PAPER HOLDER

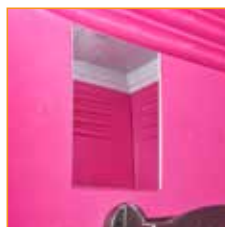


OPTIONAL

HAND SANITIZER DISPENSER



NIGHT LUX SENSOR LED MIRROR



HAND WASH SINK JUNIOR



FOOT-OPERATED FLUSH PUMP



CUBE CHANGING ROOM

CUBE Changing Room can be used as a dressing room, a storeroom or as a shed for the garden, the courtyard, sea- and countryside and generally everywhere there is the need of a locker to store tools or objects. It is ideal to be connected with ARMAL toilet and/or shower cabin to form the TWIN and TRIPLE Cabin (see page 36).



30

WEIGHT
73,5 Kg

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

FLOOR
Marine wood with antislip floor

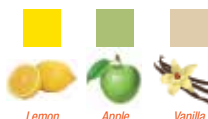
EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

MATERIAL USED
High density grade 4 polyethilene.
Anti UV Treatment

STANDARD COLOURS



FRAGRANCED WALL PANELS



Lemon

Apple

Vanilla





STANDARD

ACCESSORIES

CUBE Changing Room comes with the coat/tool-belt hook.

HOOK



OPTIONAL

LIFT KIT



A useful kit for hauling up the toilets has been designed for those companies that focus on construction sites toilets and require safe and handy tools to facilitate the lifting of toilets by crane. The kit can be inserted into the roof and through the hidden core alongside the wall panels of the toilet and fixed in the bottom for a secure hold.

TRANSPORT DOLLY



ARMAL transport dolly is very practical for moving any CUBE standard cabin from one location to another. CUBE transport dolly is made of aluminum, so it has a light-weight.

AIR FRESH DISPENSER



It contains ARMAL Air Fresh and it is installed inside the toilet's door, so it sprays the fragrance every time you open the door. It allows also the fragrance intensity regulation. Capacity 250 ml.

HAND GEL DISPENSER



Easily to assemble on the toilet walls, it has a capacity of 550 ml can be refilled with any normal hand soap or sanitizer.

MIRROR



Easy to be installed. Dimensions are 19,5x19cm.

NIGHT LUX SENSOR LED



Thanks to a crepuscular presence sensor, it enlightens only when someone enter inside and only by night. Batteries duration: about 6 months.

RIVET GUN












This pneumatic tool is intended solely for use with rivets. We recommend the use of a lubricator group for compressed air to protect the tool from premature wear and tear of the components in movement.



CUBE PORTABLE TOILET WITH REMOVABLE TANK

The Removable Tank is suitable in every place difficult to reach by a service vehicle (i.e. mountains, closed spaces, mines, etc.). The waste tank can be easily removed and replaced by a clean and empty one. The cover lid can be locked and the two lateral handles facilitate the transportation of the waste tank.

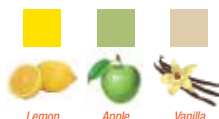


-  **TANK WEIGHT EMPTY**
10 Kg
-  **FLOOR**
Marine wood with antislip floor
-  **TANK DIMENSION**
54 x 54 x 54 cm
-  **INTERNAL DIMENSIONS (L/D/H)**
100 x 100 x 212 cm
-  **TANK CAPACITY**
70 l approx.
-  **EXTERNAL DIMENSIONS (L/D/H)**
106 x 106 x 233 cm
-  **SEAT HEIGHT**
54 cm
-  **MATERIAL USED**
High density grade 4 polyethylene. Anti UV Treatment
-  **WEIGHT WITH CABIN**
83,5 Kg

STANDARD COLOURS



FRAGRANCED WALL PANELS



For all the accessories (standard and optional) see Changing Room Accessories section page 29



CUBE PORTABLE TOILET WITH REMOVABLE TANK AND RE-CIRCULATING KIT

This Removable Tank can be easily transported in construction sites or events. As it is not fixed to the toilet's floor, it can be removed and transported on the truck, gaining space. This type is equipped with re-circulating kit.



TANK WEIGHT EMPTY
13,5 Kg

TANK DIMENSION
92 x 48 x 52 cm

TANK CAPACITY
125 l approx.

SEAT HEIGHT
48 cm

WEIGHT WITH CABIN
87 Kg

FLOOR
Marine wood with antislip floor

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

MATERIAL USED
High density grade 4 polyethylene.
Anti UV Treatment

STANDARD COLOURS



FRAGRANCED WALL PANELS



For all the accessories (standard and optional) see Changing Room Accessories section page 29



HANDY

The Handy is Armal's mini-portable toilet that is ideal for all locations with limited space, from internal buildings to external sites that are difficult to access. Its lightweight (only 55 kg!), removable tank and integrated wheels contribute to the uniqueness of this product. The Handy combines the traditional strength of the Armal portable toilets while providing an innovative and versatile product.



34

WEIGHT
55 Kg

INTERNAL DIMENSIONS (L/D/H)
76 x 93 x 189 cm

TANK CAPACITY
70 l approx.

EXTERNAL DIMENSIONS (L/D/H)
78 x 95 x 195 cm

MATERIAL USED
High density grade 4 polyethylene.
Anti UV Treatment

STANDARD COLOURS





◆ Tank

Removable tank to transport it safely.



◆ Vents

The screens placed in the upper part of panel provide ventilation throughout the cabin.



◆ Lighting

The roof is made of white translucent material to guarantee sufficient internal lighting.



◆ Lock System

The door lock mechanism shows if the toilet is vacant or occupied. In an emergency, the door is accessible from outside as well as inside the unit.



◆ Transport

The integrated wheels and external handle makes for easy transport.
Lift kit optional.





CUBE MAINS CONNECTED TOILETS

For long-term construction sites and for urban areas, ARMAL provides a range of CUBE Mains Connected Toilets that are easy to be connected to the plumbing system. Inside, the light components, made of resin instead of porcelain, make the toilet particularly easy to be handled and installed. A resin hand-wash sink can be integrated as optional fitting.

CUBE Mains Connected Toilet is available both with standard wc or with squatting wc.



WEIGHT EMPTY
81 Kg

FLOOR
Marine wood with antislip floor

SEAT HEIGHT
45 cm (white plastic)

OUTLET Ø
110 mm

DEPOSIT BOX WATER
12 l

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

MATERIAL USED
High density grade 4 polyethilene.
Anti UV Treatment

STANDARD COLOURS



FRAGRANCED WALL PANELS



36

WEIGHT EMPTY
79 Kg

FLOOR
Marine wood with antislip floor

STEP HEIGHT
15 cm (white plastic)

OUTLET Ø
100 mm

DEPOSIT BOX WATER
12 l

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

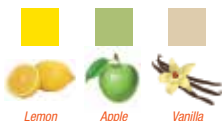
EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

MATERIAL USED
High density grade 4 polyethilene.
Anti UV Treatment

STANDARD COLOURS



FRAGRANCED WALL PANELS





STANDARD

ACCESSORIES

CUBE Main Connected Toilet comes with the coat/tool-belt hook and 3 rolls toilet paper holder.

HOOK



TOILET PAPER



OPTIONAL

CONNECTABLE HAND WASH SINK



This practical hand wash sink can be installed in CUBE Mains Unit. Easy to be connected to the plumbing system, it is made of resin to make the toilet smoothly handled.

LIFT KIT



A useful kit for hauling up the toilets has been designed for those companies that focus on construction sites toilets and require safe and handy tools to facilitate the lifting of toilets by crane. The kit can be inserted into the roof and through the hidden core alongside the wall panels of the toilet and fixed in the bottom for a secure hold.

TRANSPORT DOLLY



ARMAL transport dolly is very practical for moving any CUBE standard cabin from one location to another. CUBE transport dolly is made of aluminum, so it has a light-weight.

AIR FRESH DISPENSER



It contains ARMAL Air Fresh and it is installed inside the toilet's doo, so it sprays the fragrance every time you open the door. It allows also the fragrance intensity regulation. Capacity 250 ml.

HAND GEL DISPENSER



Easily to assemble on the toilet walls, it has a capacity of 550 ml can be refilled with any normal hand soap or sanitizer.

MIRROR



Easy to be installed. Dimensions are 19,5x19cm.

NIGHT LUX SENSOR LED



Thanks to a crepuscular presence sensor, it enlightens only when someone enter inside and only by night. Batteries duration: about 6 months.

RIVET GUN



This pneumatic tool is intended solely for use with rivets. We recommend the use of a lubricator group for compressed air to protect the tool from premature wear and tear of the components in movement.



CUBE SHOWER

CUBE Shower requires connection to the water supply and sewage system. The Shower can be equipped with mirror and towel hook as optional fittings, while the water dispenser and regulator with continuous flow are provided as standard accessories. The floor is made of anti-slip material.

ARMAL Shower is spacious, safe and it allows comfort and practical movements. Ideal for any type of service as big events or outdoor gatherings, agriculture, construction sites and more.



38

WEIGHT
kg 79 Kg

INTERNAL DIMENSIONS (L/D/H)
100 x 100 x 212 cm

FLOOR SHOWER
100 x 100 cm
(white plastic)

EXTERNAL DIMENSIONS (L/D/H)
106 x 106 x 233 cm

OUTLET Ø
1.1/2" (fillet)

MATERIAL USED
High density grade 4 polyethylene.
Anti UV Treatment

STANDARD COLOURS



FRAGRANCED WALL PANELS



Lemon

Apple

Vanilla



STANDARD

ACCESSORIES

CUBE Shower comes with the coat/tool-belt hook.

HOOK



OPTIONAL

CONNECTABLE HAND WASH SINK



This practical hand wash sink can be installed in CUBE Mains Unit. Easy to be connected to the plumbing system, it is made of resin to make the toilet smoothly handled.

LIFT KIT



A useful kit for hauling up the toilets has been designed for those companies that focus on construction sites toilets and require safe and handy tools to facilitate the lifting of toilets by crane. The kit can be inserted into the roof and through the hidden core alongside the wall panels of the toilet and fixed in the bottom for a secure hold.

TRANSPORT DOLLY



ARMAL transport dolly is very practical for moving any CUBE standard cabin from one location to another. CUBE transport dolly is made of aluminum, so it has a light-weight.

AIR FRESH DISPENSER



It contains ARMAL Air Fresh and it is installed inside the toilet's door, so it sprays the fragrance every time you open the door. It allows also the fragrance intensity regulation. Capacity 250 ml.

HAND GEL DISPENSER



Easily to assemble on the toilet walls, it has a capacity of 550 ml can be refilled with any normal hand soap or sanitizer.

MIRROR



Easy to be installed. Dimensions are 19,5x19cm.

NIGHT LUX SENSOR LED



Thanks to a crepuscular presence sensor, it enlightens only when someone enter inside and only by night. Batteries duration: about 6 months.

RIVET GUN



This pneumatic tool is intended solely for use with rivets. We recommend the use of a lubricator group for compressed air to protect the tool from premature wear and tear of the components in movement.

◆ PORTER'S LODGE


Multi-purpose cabin, mainly used as Porter's Lodge at the entrance of buildings, car parks, sports facilities etc.

360 ° visibility, thanks to the windows placed on all sides of the cabin.



 **WEIGHT**
80 Kg

 **FLOOR**
Waterproof with anti-slip

 **INTERNAL DIMENSIONS (L/D/H)**
100 x 100 x 219,5 cm

 **EXTERNAL DIMENSIONS (L/D/H)**
106 x 106 x 242 cm

 **MATERIAL USED**
High density grade 4 polyethylene.
Anti UV Treatment



◆ NEW MIXABLE POP COLORS

Portable restrooms have never been this Pop! Who said portable restrooms need to be hidden away and remain an unnoticed detail of building sites and events? In keeping with our passion for innovation, we are happy to introduce a new range of colors that will make our portable toilets a dot of energy in whatever location. Building sites, parks, concerts, sports events, weddings: regardless the moment, we can always do with a dash of color, especially if the colors are as original and varied as the ones we have selected for our new range.

MONOCHROME OPTION

From a deep brick red, to chrome yellow, fuchsia, lime, purple and turquoise: choose your favorite monochrome option!



TURQUOISE



LIME



CHROME YELLOW



BRICK RED



FUCHSIA



PURPLE

MIX AND MATCH

You can personalize the cabins with many different color combinations, such as: fuchsia walls and lime or purple profiles, yellow walls and purple profiles, and many more.



TURQUOISE-CHROME YELLOW



LIME-PURPLE



CHROME YELLOW-PURPLE



BRICK RED-TURQUOISE



FUCHSIA-LIME



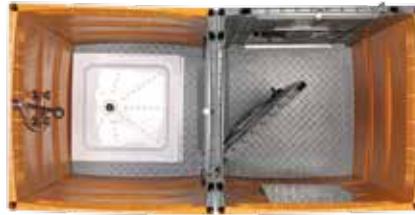
PURPLE-LIME





TWIN AND TRIPLE CUBE

Available in a wide range of versions, CUBE can be combined in Changing Room and Shower, Changing Room and Portable Toilet, or any other combination that the customer needs.



STANDARD COLOURS



FRAGRANCED WALL PANELS



Lemon

Apple

Vanilla



STANDARD COLOURS



FRAGRANCED WALL PANELS



Lemon

Apple

Vanilla

For all available combinations and related accessories (standard and optional) ask ARMAL



CUBE HN PORTABLE TOILET

ARMAL CUBE HN unit is designed for the comfort and convenience of individuals requiring special portable restroom facilities (i.e. patrons in wheelchair) or simply preferring a large restroom.

CUBE HN portable restroom is projected without architectural barriers; it has a sloping anti-slip floor and it is spacious enough to admit a person in a wheelchair together with an attendant. The seat height, combined with the side handrails, allows easy movements from wheelchair to the wc. The pneumatic door closer is balanced by a heavy-duty cable spring for an easy access.



The inside metal grip bars provide more safety and security for individuals with special needs and they facilitate sitting.

The large inside floor space of the portable restroom ARMAL CUBE HN permits a complete 360° wheelchair rotation.



WEIGHT EMPTY
126 Kg

TANK CAPACITY
165 l approx.

SEAT HEIGHT
48 cm

INTERNAL DIMENSIONS (L/D/H)
160 x 125 x 220 cm

EXTERNAL DIMENSIONS (L/D/H)
220 x 160 x 225 cm

MATERIAL USED
Polyethylene. Anti UV Treatment

STANDARD COLOURS





STANDARD

ACCESSORIES

CUBE HN Portable Toilet comes with the 3 rolls toilet paper holder.

TOILET PAPER



OPTIONAL

TRANSPORT DOLLY HN



The transport dolly is very practical for moving the CUBE HN from one location to another. Thanks to the transportation wheels, the HN toilet can be easily moved by only one operator.

AIR FRESH DISPENSER



It contains ARMAL Air Fresh and it is installed inside the toilet's doo, so it sprays the fragrance every time you open the door. It allows also the fragrance intensity regulation. Capacity 250 ml.

RECIRCULATING KIT WITH HAND PUMP



Especially developed to ensure more freshness for the portable toilet, the recirculating kit prevents the waste of fresh water to flush the toilet. Thanks to a filter that has been manufactured on this purpose the water mixed with the super-concentrate can be filtered thinly and reutilized for the toilet flushing. The recirculating kit device works by hand-pump.

HAND GEL DISPENSER



Easily to assemble on the toilet walls, it has a capacity of 550 ml can be refilled with any normal hand soap or sanitizer.

NIGHT LUX SENSOR LED



Thanks to a crepuscular presence sensor, it enlightens only when someone enter inside and only by night. Batteries duration: about 6 months.

RIVET GUN



This pneumatic tool is intended solely for use with rivets. We recommend the use of a lubricator group for compressed air to protect the tool from premature wear and tear of the components in movement.

OTHER
PRODUCTS





BORDER

ARMAL BORDER is synonymous of strength, safety and cost-effective; it represents an innovative system to put constructions site, public gatherings and events into safety.

ARMAL BORDER comes complete with the following unique patented features:

- ◆ Made of high-density UV-resistant polyethylene.
- ◆ They are lightweight, easy to handle and stacked together.
- ◆ Smooth surfaces prevent damage to service workers.
- ◆ Adjustable feet can rotate 360° guaranteeing perfect stability even on rough ground.
- ◆ New joint: resistant, easy, strenght.



 **WEIGHT**
12,5 Kg

 **LENGHT**
214 cm

 **DEPTH**
5,5 cm

 **COLOR**
Yellow

 **HEIGHT**
110 cm cm

 **MATERIAL USED**
Polyethilene.



AQUASTAND *(Double Sided Station)*

AQUASTAND is the ARMAL outdoor portable hand-wash sink. It is designed to withstand any weather condition and is ideal for parks, outdoor events, concert venues, construction sites, or any application where pipe-borne water is scarce. The AQUASTAND's water tank has a tamper-free lid that keeps water fresh. It offers hands-free foot pump operation, optional soap and paper towel dispensers. AQUASTAND is lightweight, easy to maneuver and even easier to operate.



 **WEIGHT EMPTY**
28 Kg

 **FRESH WATER CAPACITY**
87 l

 **WASTE WATER CAPACITY**
87 l

 **EXTERNAL DIMENSIONS (L/D/H)**
81 x 58 x 140 cm

 **COLOR**
Grey

 **MATERIAL USED**
Polyethylene.





◆ FREE-STANDING URINAL

FREE-STANDING URINAL is the ideal product to avoid long lines during crowded events. Four persons can make use of it simultaneously. Its stackable design allows operators to transport 4 FREE-STANDING URINAL instead of 1 mobile urinal at a time.

FREE-STANDING URINAL comes with:

- ◆ Stainless steel security bars
- ◆ Plastic seal for vacuum hose entry
- ◆ Drainage set



WEIGHT EMPTY
48 Kg

CAPACITY
400 l

EXTERNAL DIMENSIONS (L/D/H)
112 x 112 x 160 cm

COLOR
Granite

MATERIAL USED
Polyethylene.





DEODORIZER





BIO DEODORIZER

ENZYMATIC BIOLOGICAL PRODUCTS FOR THE TREATMENT OF PORTABLE RESTROOMS

The new ARMAL biological enzymatic products represent a cutting-edge solution to grow in respect of the environment and of the community. ARMAL has developed innovative products of natural origin for the removal of odorous emissions and the treatment of portable restrooms. Thanks to the combined action of enzymes and selected microorganisms, the products act directly on odorous substances improving the air quality and conditions of use for the end-user. The treatment is devoid of any medical and environmental contraindications.

Biological products, Zero environmental impact, 100% biodegradable, GMO Free.



ARMAL BALSAMIC BIO GREEN

ARMAL Balsamic Bio Green is recommended in case of short-term services (i.e. during concerts or temporary events); it has to be diluted with water according to the recommended dosage. It is to be used both in the toilet waste holding tank, fresh water flush tank and in vacuum modules chemical tank. It disaggregates any kind of organic waste; it eliminates the bad odors, adding a pleasant scent of pinewood, and keeps perfectly efficient the drains of portable restrooms.

Pinewood fragrance - Content: 10 liters can.

This product is Natural, Environmentally Safe and User Friendly. It contains No Harsh Chemicals.

ARMAL BIO ACTIVATOR

ARMAL Bio Activator is a super-concentered enzymatic tablet that has to be put in the toilet holding tank along with every water refill. It is more specific for once a week or once every two weeks services because it can last up to 15 days. By dissolving in the water, the tablet disaggregates the aerobic and anaerobic waste and it eliminates the bad odors.

To enhance the fragrance, it can be mixed together with the ARMAL Balsamic Bio Green.

Content: 250 tablets bucket

This product is Natural, Environmentally Safe and User Friendly. It contains No Harsh Chemicals.



ARMAL AIR FRESH

ARMAL Air Fresh is a biological enzymes activator ideal for deodorizing portable restrooms and vacuum tanks. ARMAL Air Fresh is conceived to ameliorate the quality of the air inside portable restrooms by eliminating the bad odors molecules. It can be integrated in an apposite dispenser that sprays automatically when door opens. The fragrance intensity can be regulated.

ARMAL Air Fresh can be used also in vacuum modules equipped with the odor abatement system (when provided).

Pinewood fragrance - Content: 10 liters can.

This product is Natural, Environmentally Safe and User Friendly. It contains No Harsh Chemicals.



ARMAL WASH

ARMAL Wash is a natural and non toxic product specifically made for washing and deodorizing the portable restrooms in all situations. The active components of ARMAL Wash can act biologically degrading dirt molecules and improving its elimination. The Product has a detergent/degreasing action so it prevents bad smells formation and leaves a pleasant citrus fruit perfume.

ARMAL Wash has to be diluted with water according to the recommended dosage. Use the solution in the restroom environment and on its surfaces by using nebulizers. It can be used even in vacuum modules high pressure washing systems.

Citrus fruit fragrance - Content: 10 liters can.

This product is Natural, Environmentally Safe and User Friendly. It contains No Harsh Chemicals.





ARMAL URINALBLOCK

ARMAL Urinalblock is a natural biological slow-release tablet, specific for urinals (both Free-Standing Urinal and toilet's urinal). Thanks to the enzymes and good bacteria action, it eliminates bad odors and disaggregates the organic waste. The duration of the tablet inside the urinal can vary from 15 to 30 days according to the frequency of use.

Pinewood fragrance - Content: 50 tablets bucket.

This product is Natural, Environmentally Safe and User Friendly. It contains No Harsh Chemicals.



ARMAL BIO DEGRADATION

ARMAL Bio Degradation is a natural microbiological complex specific for the nitrification process of portable restrooms, vacuum modules and septic tanks. It is a natural product that acts as NH_3 ammonia reducer to nitrites NO_2 and of nitrites NO_2 to nitrates NO_3 . In presence of polluting substances it can reduce the values of BOD and COD. ARMAL Bio Degradation is recommended in presence of restroom frequent use, lack of oxygen in the septic tank/vacuum module tank or in case of high level of ammonia.

Content: 5 kg bucket.

This product is Natural, Environmentally Safe and User Friendly. It contains No Harsh Chemicals.



◆ PEARL DEODORIZER

Armal Pearl is the new range of deodorizers and cleaners that thanks to its innovative concept neutralizes the odors in a few minutes and leaves a pleasant and long lasting fragrance to your portable toilets.

ARMAL BLUE PEARL

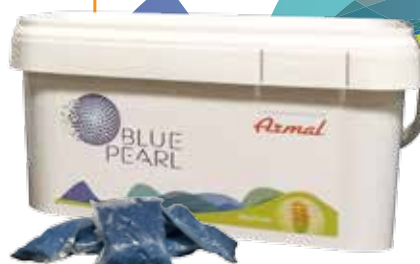
ARMAL BLUE PEARL is the most quick and economical way to service the portable toilets thanks to the single-dose packet. Added to the waste liquids, once that you refill the toilet's tank after the service, it destroys and neutralizes bad odors, eliminating the aerobic bacteria and bringing a long lasting fragrance. Two fragrance are available: LOTUS and FRUIT MIX.

DOSE

1 single-dose packet for ordinary frequency; 2 single-dose packets for special events and construction sites with high frequency of users.



BLUE PEARL
LOTUS



BLUE PEARL
FRUIT MIX



ARMAL CLEAN PEARL

ARMAL CLEAN PEARL is designed to be mixed with water and sprayed on the portable toilet's internal and external surfaces. It is used to sanitize and provide fragrance to the portable toilet, by completing the bad odors elimination. Two fragrances are available: LOTUS and FRUIT MIX.

DOSE

1 single-dose packet for 15 l water.



CLEAN PEARL LOTUS



CLEAN PEARL FRUIT MIX



CLASSIC DEODORIZER

ARMAL PRODUCTS LINE OF DEODORIZERS AND CLEANING SOLUTIONS

Researches, development of innovative products for the sanitation market, environmental sustainability are ARMAL key factors since its foundation in 1987. In this optic, ARMAL is proud to introduce its range of deodorizers and cleaning solutions: together with the well-known ARMAL Dura Blue Sanitary Concentrate, we at ARMAL introduce a new fresh, fragrant and effective range of deodorizers and cleaning products for the portable sanitation industry.



DURA BLUE - Sanitary Concentrate

The Dura Blue is a liquid non-formaldehyde deodorizer for use as a sanitized additive to the portable restroom tank. This product is recommended for accelerating the disintegration process of the waste and paper and the control of odors produced by portable restrooms. Dura Blue can be used in ARMAL vacuum modules as well. When the additional detergent system is present, pour a solution of sanitary concentrate and fresh water inside the detergent tank situated above the water pump. ARMAL Dura Blue has to be diluted with water according to the recommended dosage.

Blueberry fragrance - Content: 19 Liters can.

ARMAL DISKS

ARMAL Disks is for the odors control inside portable restrooms. It eliminates bad odors leaving a pleasant cherry perfume. They can be placed on the toilet paper rod or behind the urinal, the vent pipe, screens or trash receptacle. ARMAL Disks has an expected lifetime of 3 - 4 days.

Cherry fragrance - Content: 100 pieces





ARMAL GRAFFITI REMOVER

ARMAL Graffiti Remover is made to remove all types of graffiti 100% without damage to the substrate or the environment. Takes off markers, pens, calcium build-up, dirt, soap scums, tars and many more substances from portable restrooms. No harsh fumes!

It is guaranteed to remove every trace after only few seconds from its application. We recommend the use of ARMAL Sponge to maximize cleaning power.

Content: 1 Liter bottle.



ARMAL SPRAY

ARMAL Spray Deodorizer, used inside the restroom, eliminates bad odors leaving a pleasant cherry perfume. The product has to be nebulized on all toilet plastic parts: under seat, floor, urinal, etc.

Cherry fragrance – Content: 1 Liter bottle.



RELATED ACCESSORIES

BRUSH

BRUSH for walls clean up. It can be used with ARMAL Wash.



DOSAGE PUMP

DOSAGE PUMP is useful to dosage 19, 25 and 50 liters cans.



DOSAGE CAN

1 Liter DOSAGE CAN is practical to use instead of the 19 liters can.



SPONGE

SPONGE to be used together with the Graffiti Remover.



VACUUM MODULES



VACUUM
MODULES





VACUUM MODULES TRANSVERSAL/LONGITUDINAL

ARMAL service modules are engineered to achieve fast, easy and effective servicing of toilets. Our service modules perform pumping and pressurized toilet washing operations outstandingly. Their compact design reveals proven quality and an extreme attention to detail. The main waste tank body is made of steel and is treated to prevent corrosion and rust. The water reservoir is in transparent polyethylene; this feature offers a convenient way of rapidly checking the water level in the tank. The fresh water reservoir is located beneath the waste tank to ensure a perfect balance. The vacuum engine and high pressure water pump are driven by a hydraulic oil system.

ARMAL service modules may be configured with assembly crossway to the axle of the vehicle (ARMAL1000T and 1300T) so as to permit the loading of extra toilets onto the truck bed or with longitudinal assembly (1000L and 1300L). ARMAL Vacuum Modules are powered by an auxiliary combustion engine and they can be installed on customer owned trucks.

VACUUM MODULE TRANSVERSAL

60



MOD. 1000 mm

TANK CAPACITY	1100 l waste 460 l water
LENGHT	1540 mm
WIDTH	2105 mm
HEIGHT	1500 mm
WEIGHT	670 kg

MOD. 1300 mm

TANK CAPACITY	2000 l waste 640 l water
LENGHT	2000 mm
WIDTH	2105 mm
HEIGHT	1900 mm
WEIGHT	850 kg



The above pictures show MOD. 1000





TECHNICAL SPECIFICATIONS



WATER PUMP

150 bar/200 bar according to the model, 15 l water/min.



SANITARY CONCENTRATE

Tank capacity 5 l.



- 1. NOISE REDUCER
- 2. WASTE OIL FILTER



DOUBLE BARREL SPRAYGUN

allows the regulation of the washing pressure.



MANHOLE

allows the tank inspection and internal cleaning.

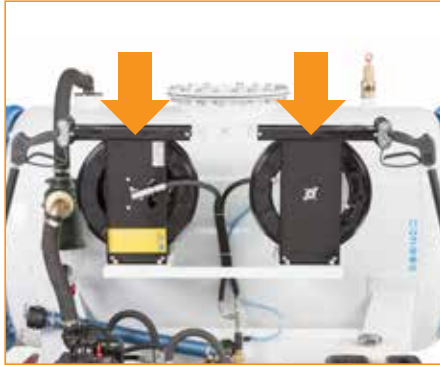


THE WATER TANK

installed under the wastewater tank to improve stability and weight balance on the truck floor. It is provided with 3 check level eyes to monitor the water presence.

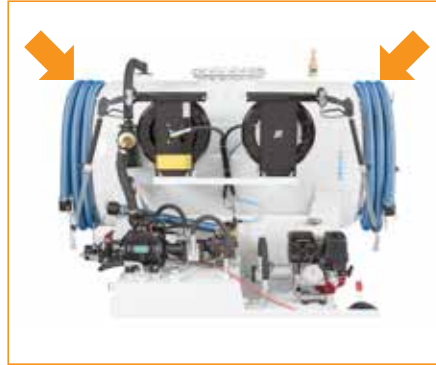
The above pictures show MOD. 1000

VACUUM MODULES



N. 2 WASHING HOSES

with automatic hose reel (length 10 m).



N. 2 WASTE SUCTION HOSES

Length 9.5 m.



VACUUM HOSE OUTLET



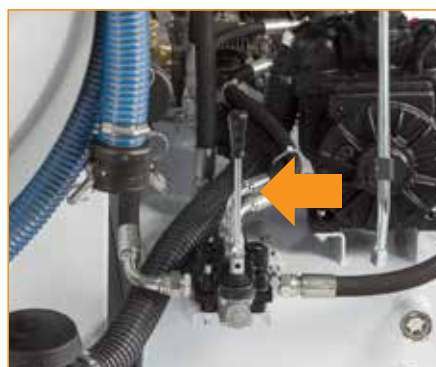
N. 2 CHECK LEVEL EYES

to monitor the waste presence.



DECOMPRESSOR

Performance 1980 l/min. (air)/2500 l/min. according to the model.



HAND LEVEL

for suction/washing. Radiocontroller optional. (Available from June 2016)

The above pictures show MOD. 1000

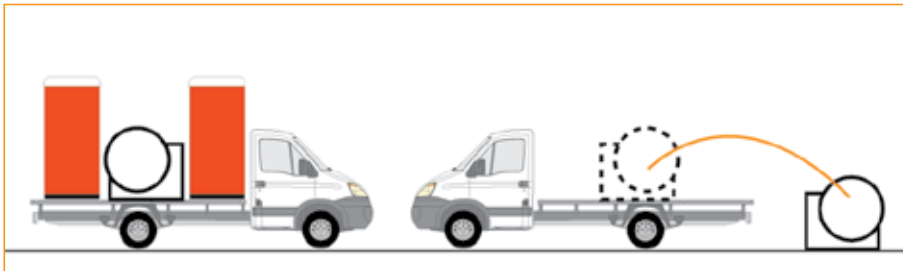


SIPHON VALVE

works as checking device to prevent waste liquids to go into the system and to stop it.



AUXILIARY ENGINE



POWER VACUUM MODUL TRANSVERSAL POSITIONNING

The Transversal type saves room on the truck wheelbase so it allows the transportation of four Armal toilets.

The above pictures show MOD. 1000

VACUUM MODULE LONGITUDINAL



MOD. 1000 mm

TANK CAPACITY
1100 l waste
430 l water

LENGHT
2400 mm

WIDTH
1200 mm

HEIGHT
1500 mm

WEIGHT
655 kg

MOD. 1300 mm

TANK CAPACITY
2000 l waste
640 l water

LENGHT
2400 mm

WIDTH
1300 mm

HEIGHT
1900 mm

WEIGHT
835 kg



The above pictures show MOD. 1000



TECHNICAL SPECIFICATIONS



WATER PUMP

150 bar/200 bar according to the model, 15 l water/min.



SANITARY CONCENTRATE

Tank capacity 5 l.



- 1. NOISE REDUCER
- 2. WASTE OIL FILTER



DOUBLE BARREL SPRAYGUN

allows the regulation of the washing pressure.



MANHOLE

allows the tank inspection and internal cleaning.



THE WATER TANK

installed under the wastewater tank to improve stability and weight balance on the truck floor. It is provided with 3 check level eyes to monitor the water presence.

The above pictures show MOD. 1000

VACUUM MODULES



WASHING HOSE

with automatic hose reel (length 10 m).



WASTE SUCTION HOSE

Length 9.5 m.



VACUUM HOSE OUTLET



N. 2 CHECK LEVEL EYES

to monitor the waste presence.



DECOMPRESSOR

Performance 1980 l/min. (air)/2500 l/min. according to the model.



HAND LEVEL

for suction/washing. Radiocontroller optional. (Available from June 2016)

The above pictures show MOD. 1000



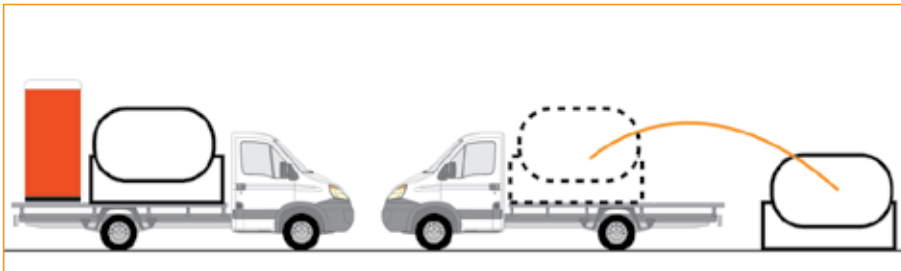


SIPHONE VALVE

works as checking device to prevent waste liquids to go into the system and to stop it.



AUXILIARY ENGINE



POWER VACUUM MODUL LONGITUDINAL POSITIONNING

Longitudinal Vacuum Module loading simulation on the wheel base truck.

The above pictures show MOD. 1000

VACUUM MODULES T-EASY

To better meet market needs, T-Easy vacuum tank is a basic alternative for pumping solutions. T-Easy is designed for its durability, practicality and reliability for the maintenance of portable toilets. T-Easy is our entry-level vacuum module which offers economical solution without compromising quality and excellence. Without high pressure appliance T-Easy features single washing station, which makes it a lighter and more practical assembly. T-Easy is made of a main metal body for the waste collection and plastic fresh water reservoir. An electrical engine drives the vacuum system while a large capacity pump assures the water system function. The power transmission is constructed as to grant best combination of power, consumption and performance. T-Easy is basic yet sophisticated, versatile and efficient vacuum tank.



MOD. 1000 mm

TANK CAPACITY
 1100 l waste
 430 l water

LENGHT
 1440 mm

WIDTH
 2105 mm

HEIGHT
 1500 mm

WEIGHT
 615 kg

MOD. 1300 mm

TANK CAPACITY
 2000 l waste
 640 l water

LENGHT
 1900 mm

WIDTH
 2105 mm

HEIGHT
 1900 mm

WEIGHT
 795 kg



The above pictures show MOD. 1000 T-Easy



TECHNICAL SPECIFICATIONS



WATER PUMP

Max capacity: 8 l/min (up to 18 l/m depending on the pump model).

Max pressure: 4 bar (up to 7 bar depending on the pump model).



DECOMPRESSOR

Max capacity: 1980 l/min or 2500 l/min (depending on the model).

Max pressure: 1,5 bar.

Max pressure vacuum: -0,89 bar.



MANHOLE

allows the tank inspection and internal cleaning.



THE WATER TANK

installed under the wastewater tank to improve stability and weight balance on the truck floor. It is provided with 3 check level eyes to monitor the water presence.



WASHING HOSE

with automatic hose reel (length 10 m).



WASTE SUCTION HOSE

Length 9.5 m.

The above pictures show MOD. 1000 T-Easy

VACUUM MODULES



VACUUM HOLE OUTLET



N. 2 CHECK LEVEL

to monitor the waste presence.



SIPHON VALVE

works as checking device to prevent waste liquids to go into the system and to stop it.



AUXILIARY ENGINE

The above pictures show MOD. 1000 T-Easy



VACUUM MODULES LIGHT

This model has been specifically designed to be equipped on pick-up and small trucks.



WATER TANK 200 l

WASTE TANK 600 l

WEIGHT 420 kg

WATER PUMP 150 bar - 15 l water/min.

HYDRAULIC ENGINE performance 1980 l/min. (air)

BARREL SPRAYGUN allows the regulation of the washing pressure

WASHING HOSE with automatic hose reel (length 10 m)

WASTE SUCTION HOSES (length 9.5 m)

SUCTION HOSE OUTLET

N. 3 CHECK LEVEL to monitor the waste presence

SIPHON VALVE

AUXILIARY ENGINE

RADIOCONTROLLER for suction/washing

Armal[®]
Strong. Experienced. Worldwide.