Russia, Moscow
Tel.: +7 (495) 979-6822
Engineering support 24 hours
Tel.: +7 (495) 979-2372

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and [illegible], Group of Companies «Terrikom».

Catalogue of gas tanks
Antonio Merloni

GASIFICATION
Easy, fast and safety

2017-2018 г.

www.antonio-merloni.ru

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ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and IR, Group of Companies «Terrikom».

V= 1000 L.

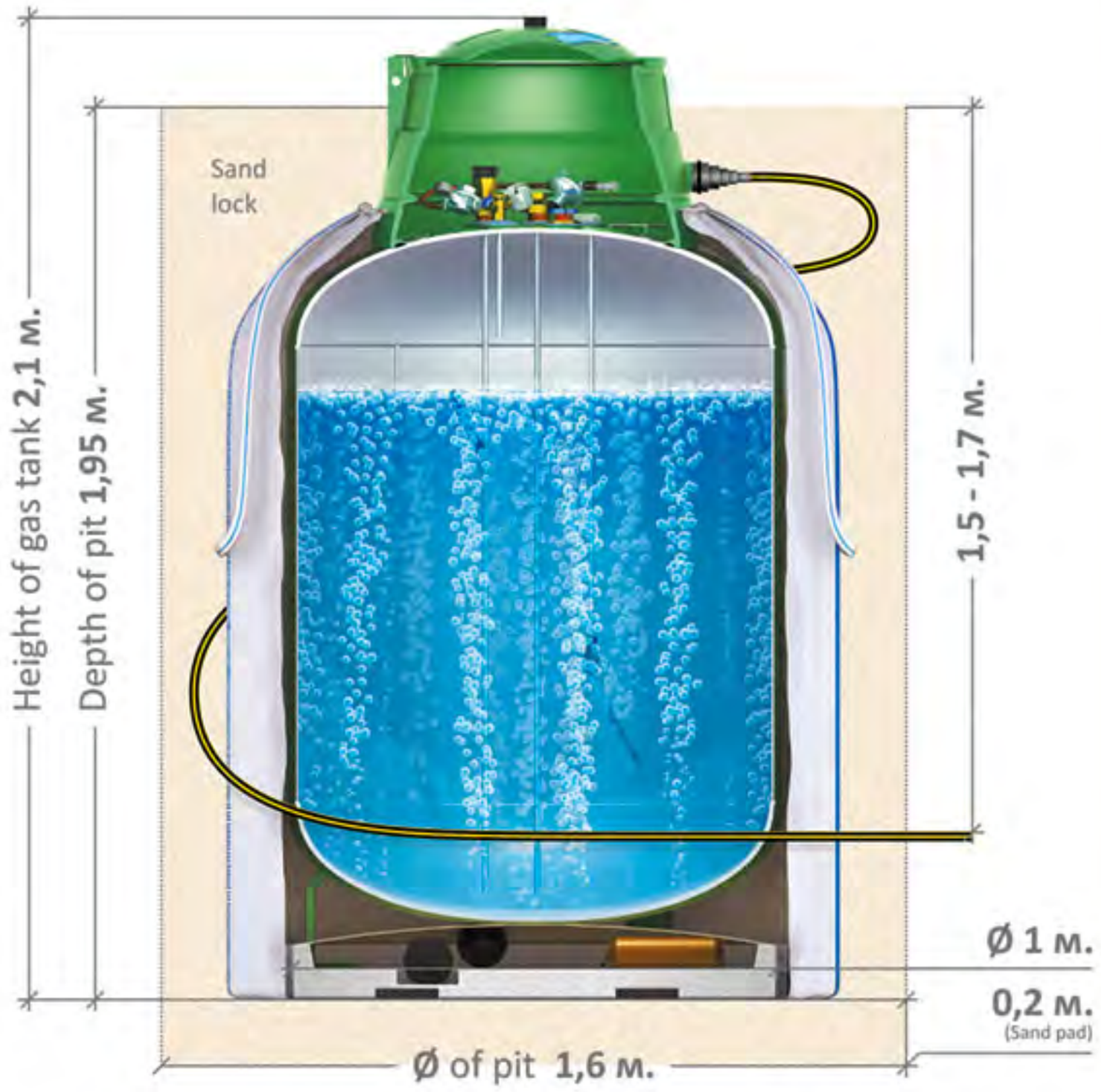
Vertical underground

LPG TANK

Gasification of house up to **100** м²

Only: 3100€

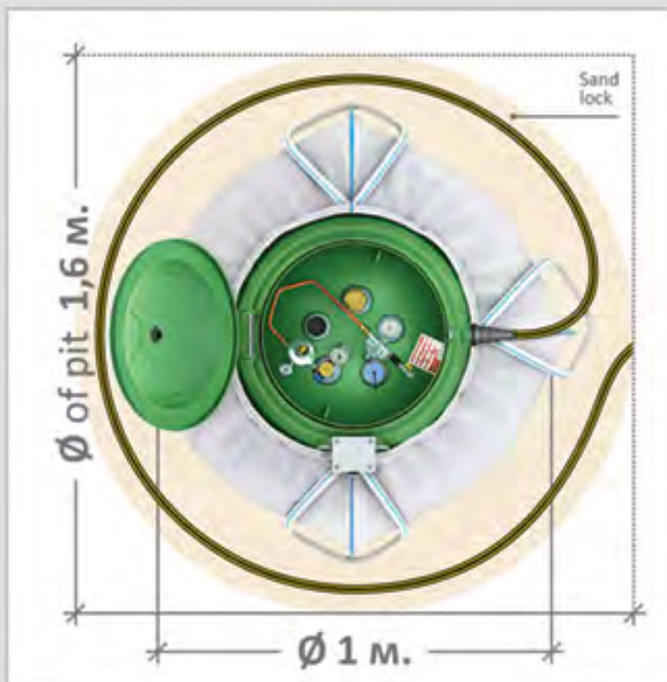
You can buy this gas tank with small overpayment



Minimum distance between gas tank and any construction **5 м. (SNiP 42-01-2002)**

Unique advantages of vertical gas tanks from Antonio Merloni

- You will never find a gas tank with longer lifetime period. "Antonio Merloni" product will serve you and your house **more than 50 years.**
- **Unique approach:** all equipment is completely assembled on the factory in Italy, no any assembling-disassembling works on site.
- **Patented technology** of double sided coating of gas tank which protects cistern from outside and inside corrosion.



List of equipment:

1. Protective bag MARSUPIO
2. Hermetical polyethylene hatchway (HDP)
3. Concrete-alkaline pad
4. Three component anode-cathode protection
5. Double-stage reducing end plate (high and low pressure)
6. Thermo-lock
7. Level indicator-1 piece
8. Filler valve
9. Safety valve
10. Liquid fraction valve
11. Ventilation valve
12. Multifunctional valve with pressure gauge
13. Emergency shutdown valve 17,65 bar
14. Padlock

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MOUNTING
of vertical underground
gas tank

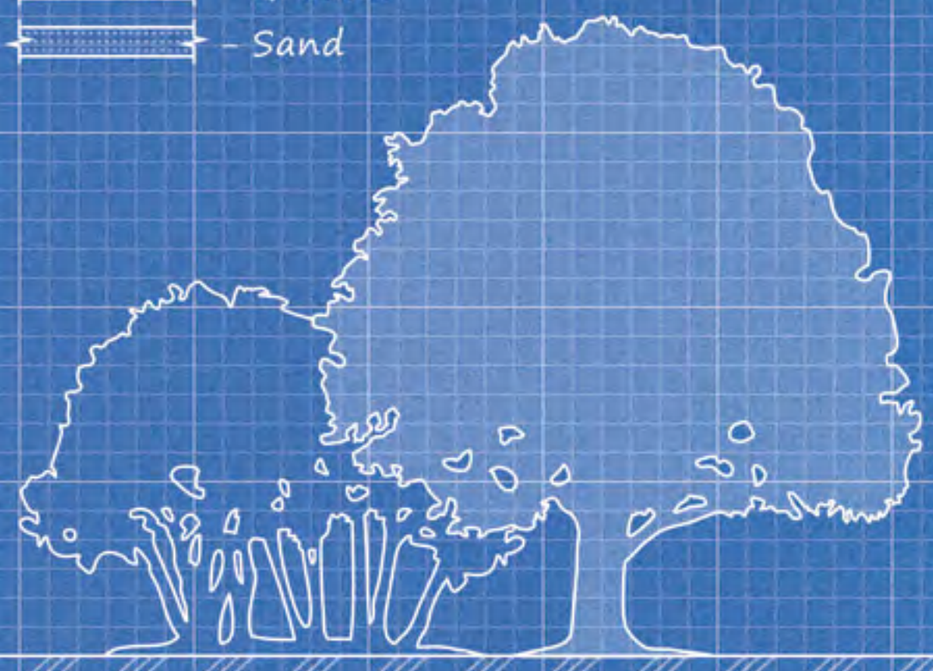
ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and III. Group of Companies «Terrikom».

1000 L

Full charge 85%=850L

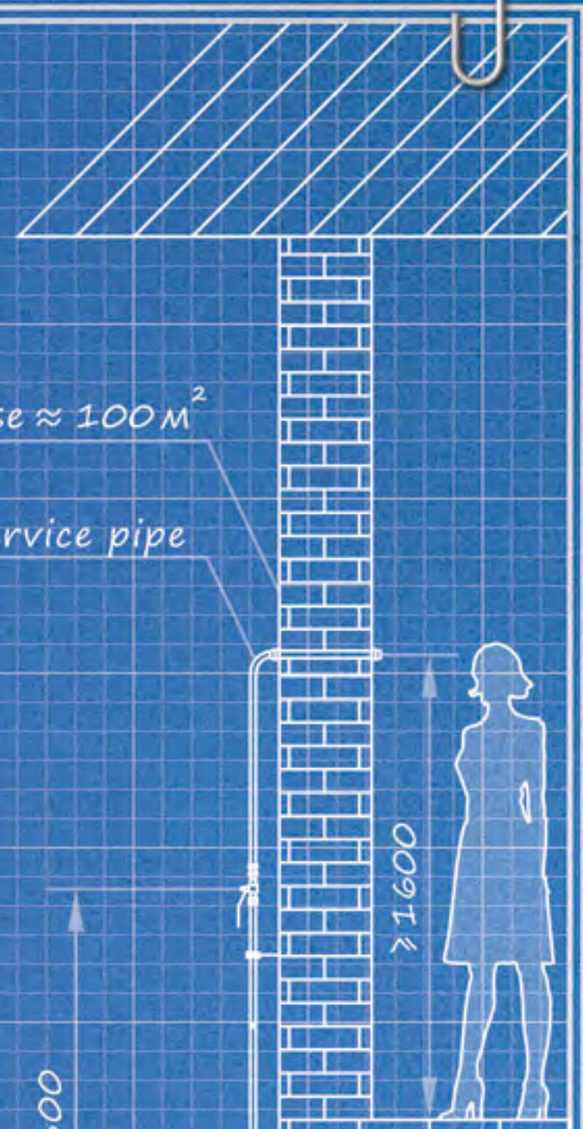
Legend:

- Reinforced concrete construction
- Ground
- Sand



House ≈ 100 м²

Gas service pipe



≥1600

1600

500

ATTENTION!
DO NOT EXCEED indicated distance
to avoid overturn of crane-manipulator

>2500
From board side to center of gas tank

1000L Gas tank

Sand lock

2100

1950

200

100

200

Warning tape
(Attention GAS)

Freezing depth
in your region
≈1500...1700

Gas pipeline
PE80 SDR11

Sand lock

R ≥ 1M

ATTENTION!
Minimum distance to any construction 5m (SNiP 42-01-2002)

ø1000

ø1600

10000

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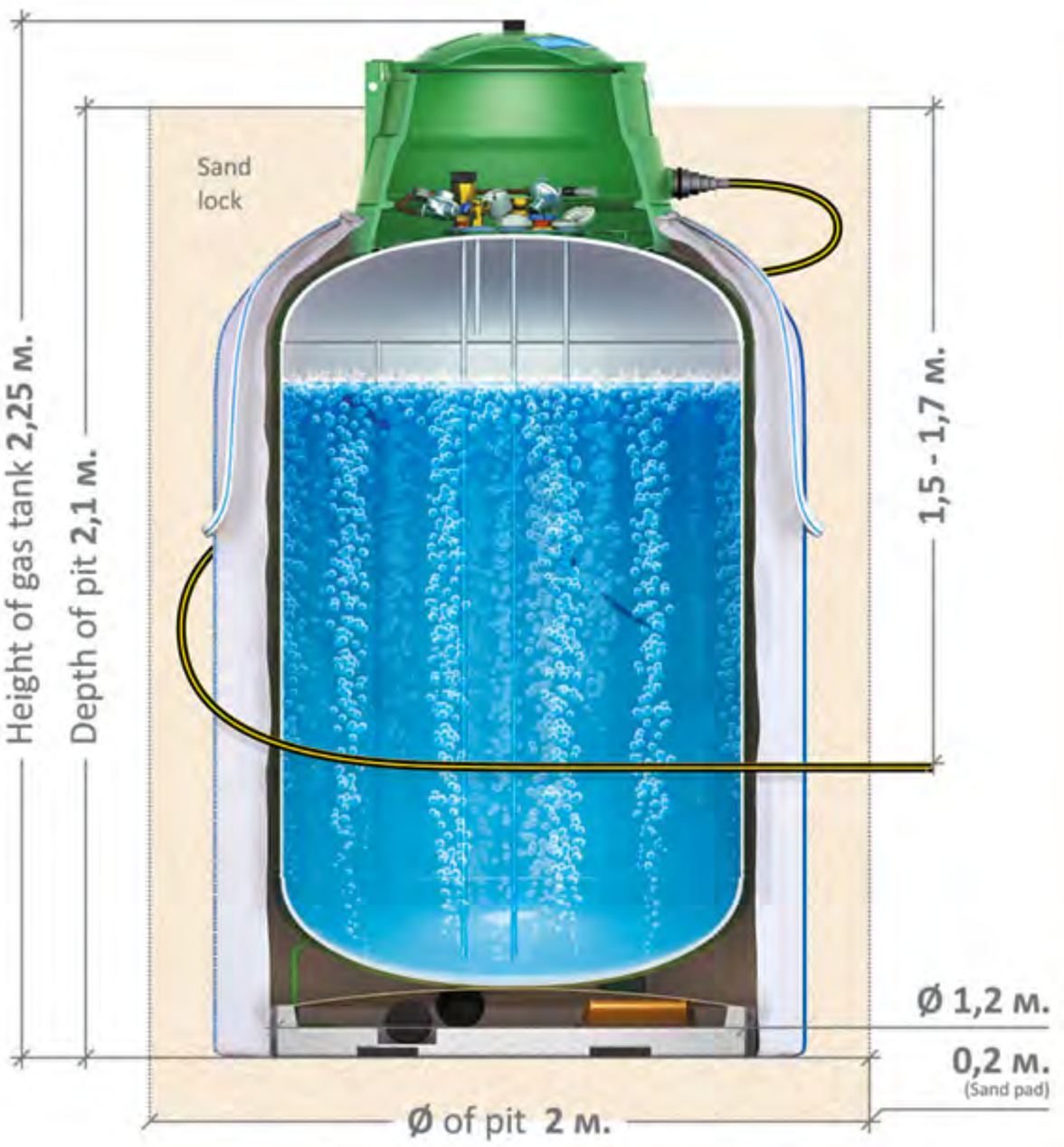
ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and IR, Group of Companies «Terrikom».

V= 1650 L.

Vertical underground LPG TANK

Gasification of house up to 170 м²

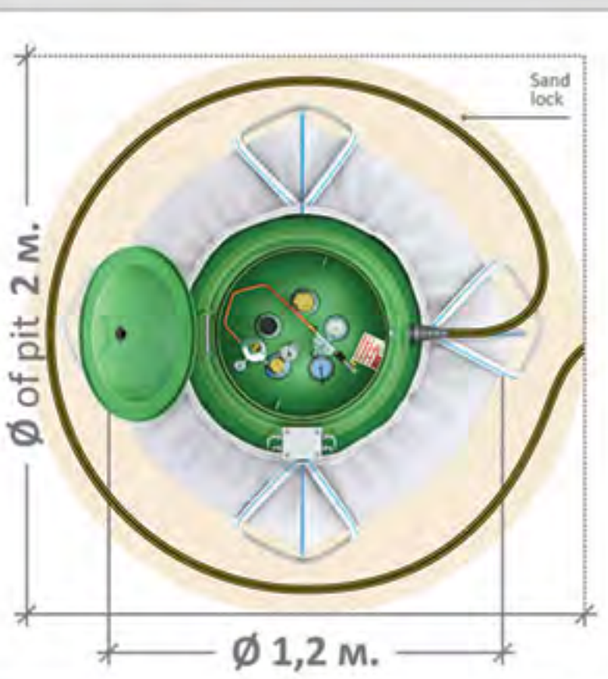
You can buy this gas tank with small overpayment



Minimum distance between gas tank and any construction **5 м. (SNiP 42-01-2002)**

Unique advantages of vertical gas tanks from Antonio Merloni

- **Convenient in use** - maintenance of vertical gas tank is minimum: charging and occasional inspection of reduction gears state (blowdown of reducers and moisture removal).
- **Cistern capacity is selected individually,** considering supposed gas consumption rate (any required volume can be obtained by cascade connection of gas tanks) thereby you'll get individual gasification.



List of equipment:

1. Protective bag MARSUPIO
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MOUNTING
of vertical underground
gas tank

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and III. Group of Companies «Terrikom».

1650 L

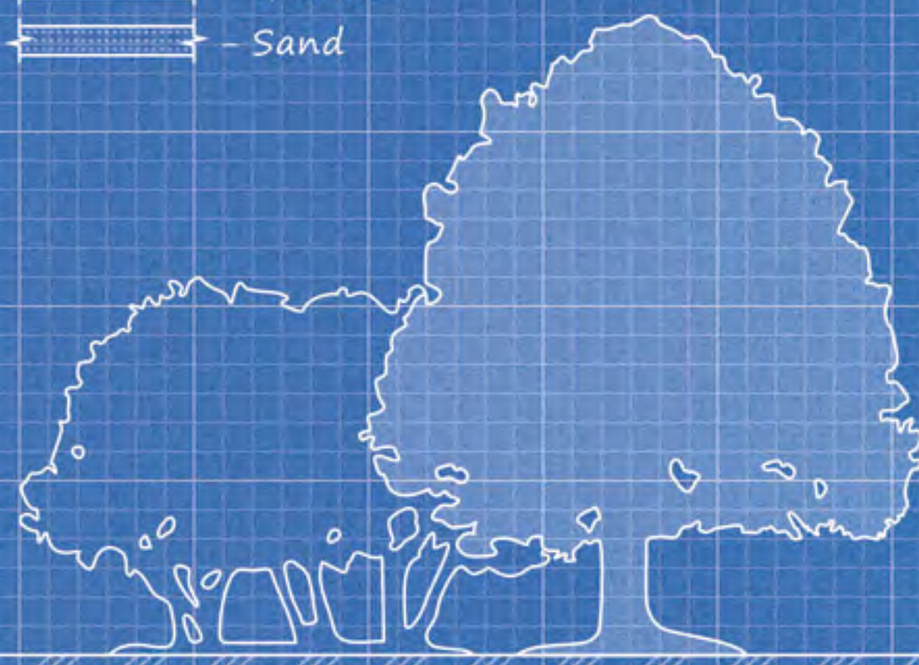
Full charge 85%=1402,5L

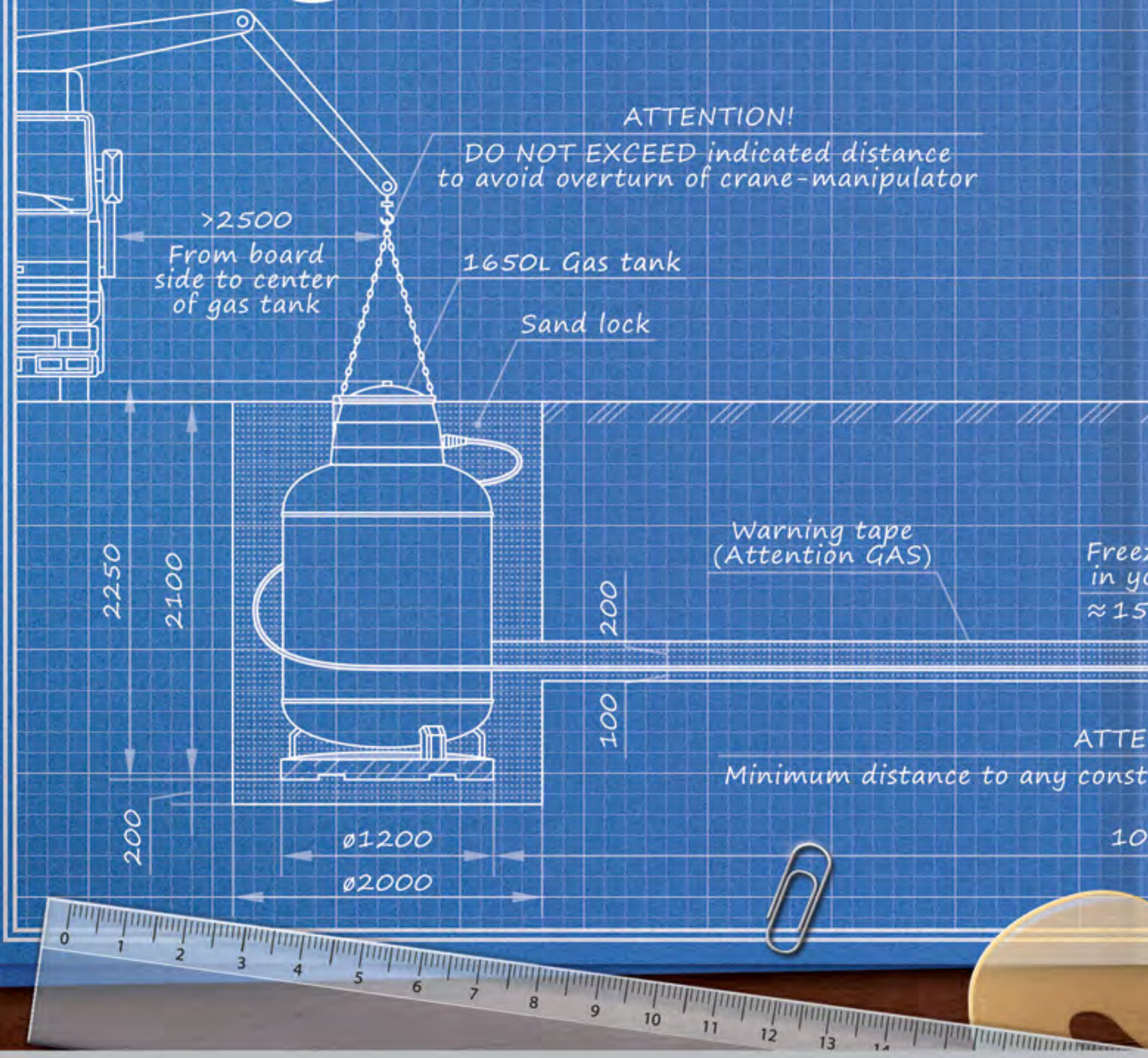
Legend:

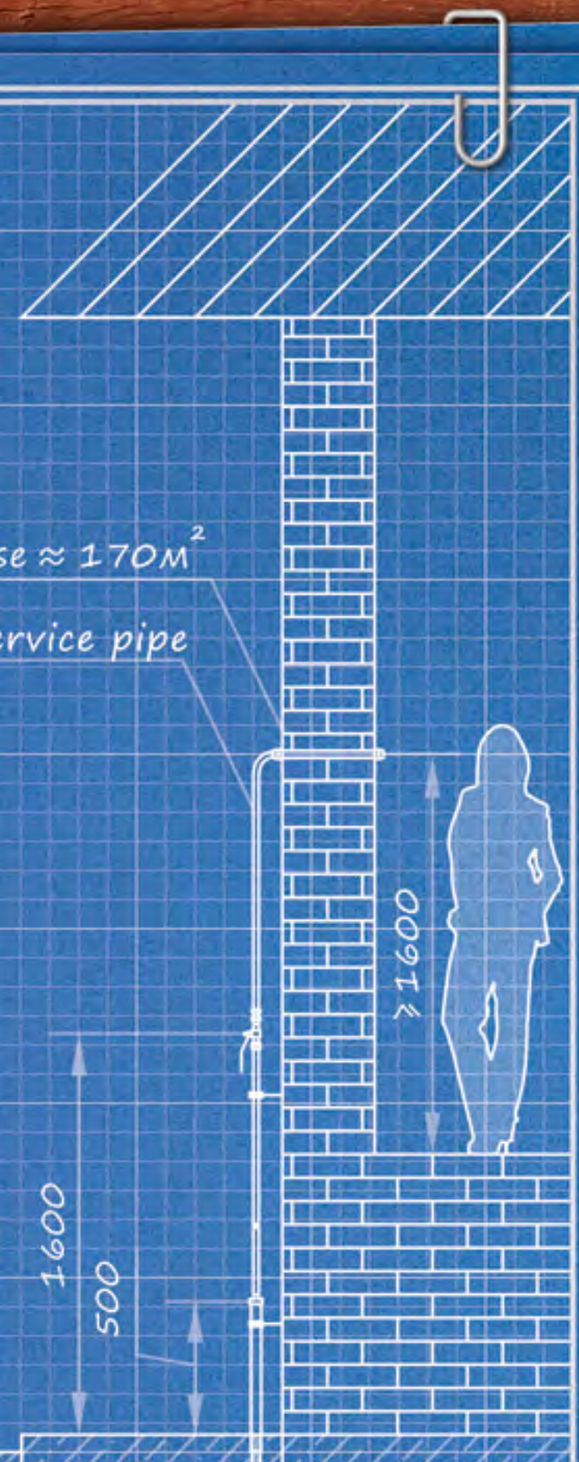
- Reinforced concrete construction
- Ground
- Sand

House ≈ 170M²

Gas service pipe







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CYLINDERS GHERGO GROUP S.P.A.
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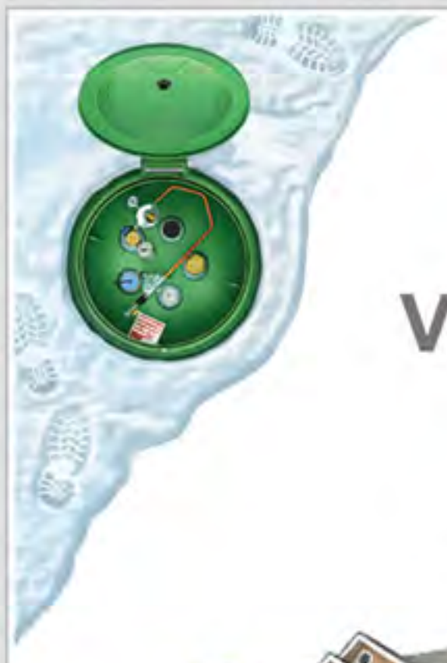


V= 2250 L.

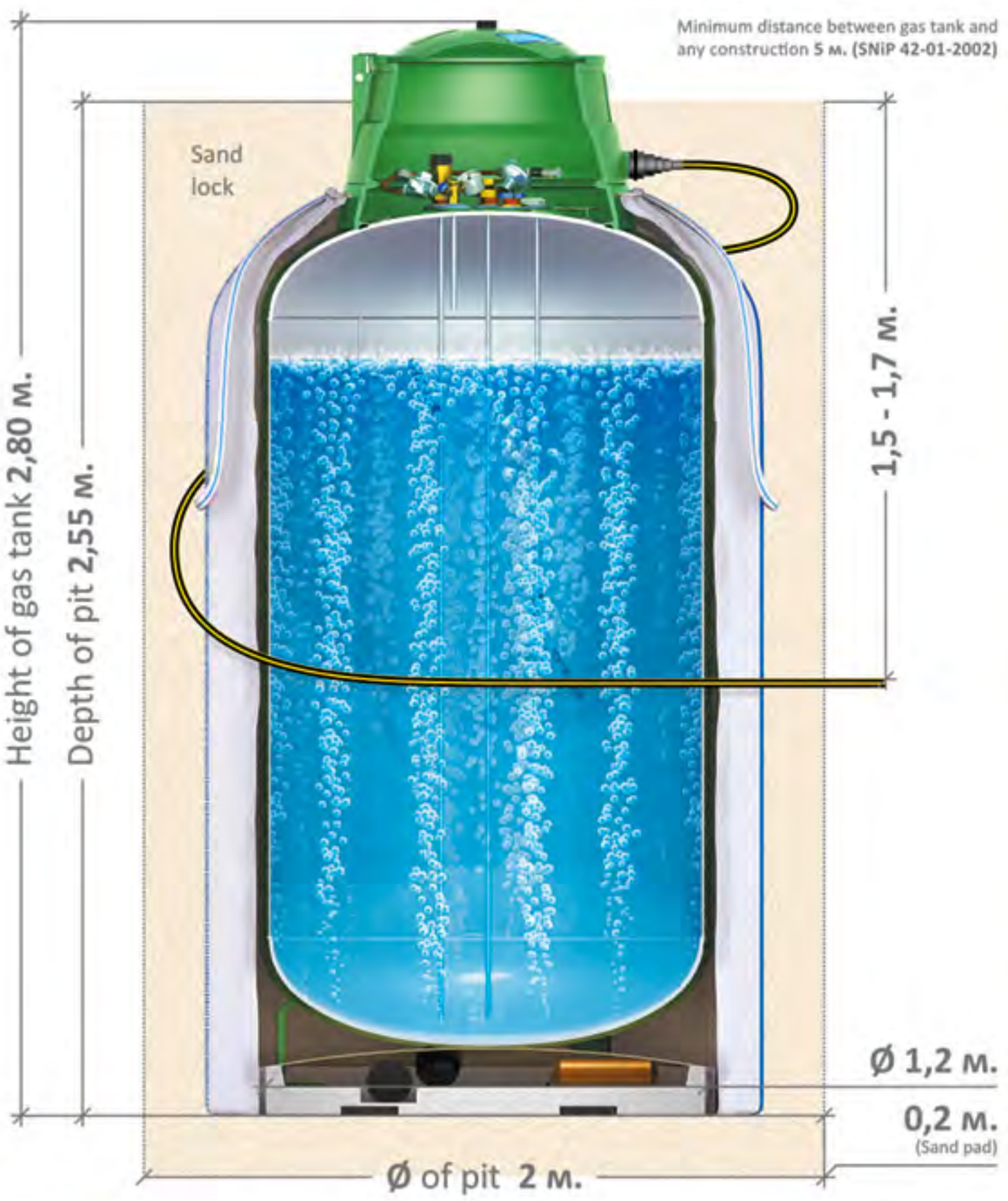
Vertical underground

LPG TANK

Gasification of house up to 250 м²

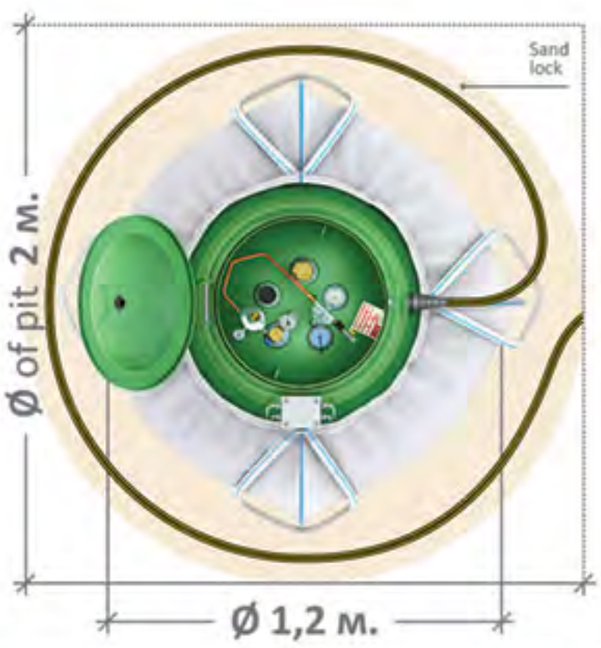
Only: 3800€

You can buy this gas tank with small overpayment



Unique advantages of vertical gas tanks from Antonio Merloni

- **Today they are the best in price and quality.**
- **Proved quality** - all products are certified and successfully tested; they satisfy all construction standards (European and Russian).
- **Unique protection** under the ground thanks to patented seven component polymer bag **"Marsupio"**.



List of equipment:

1. Protective bag MARSUPIO
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3. Concrete-alkaline pad
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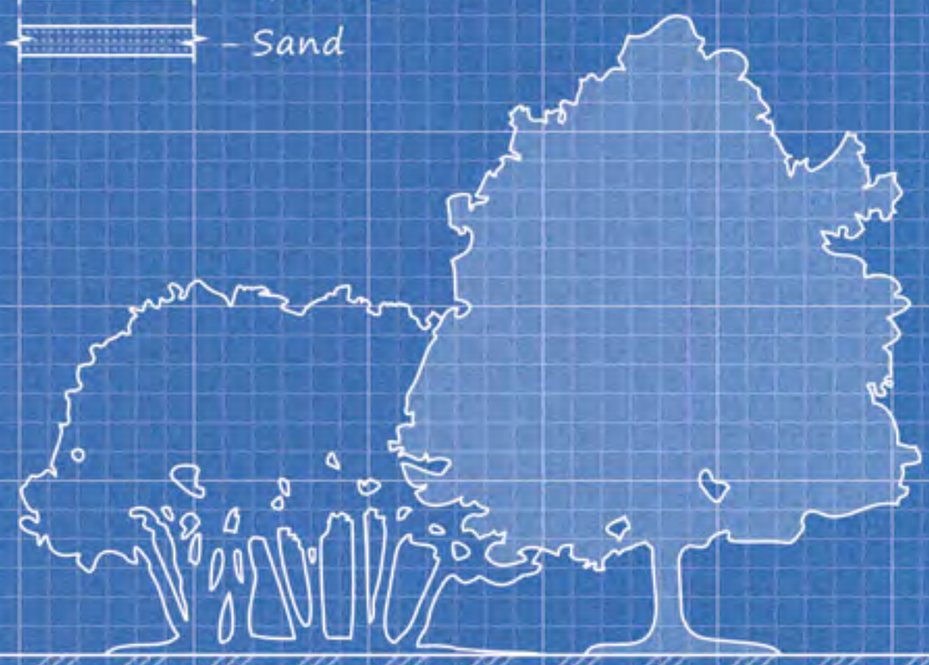
MOUNTING
of vertical underground
gas tank

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and III. Group of Companies «Terrikom».

2 250 L

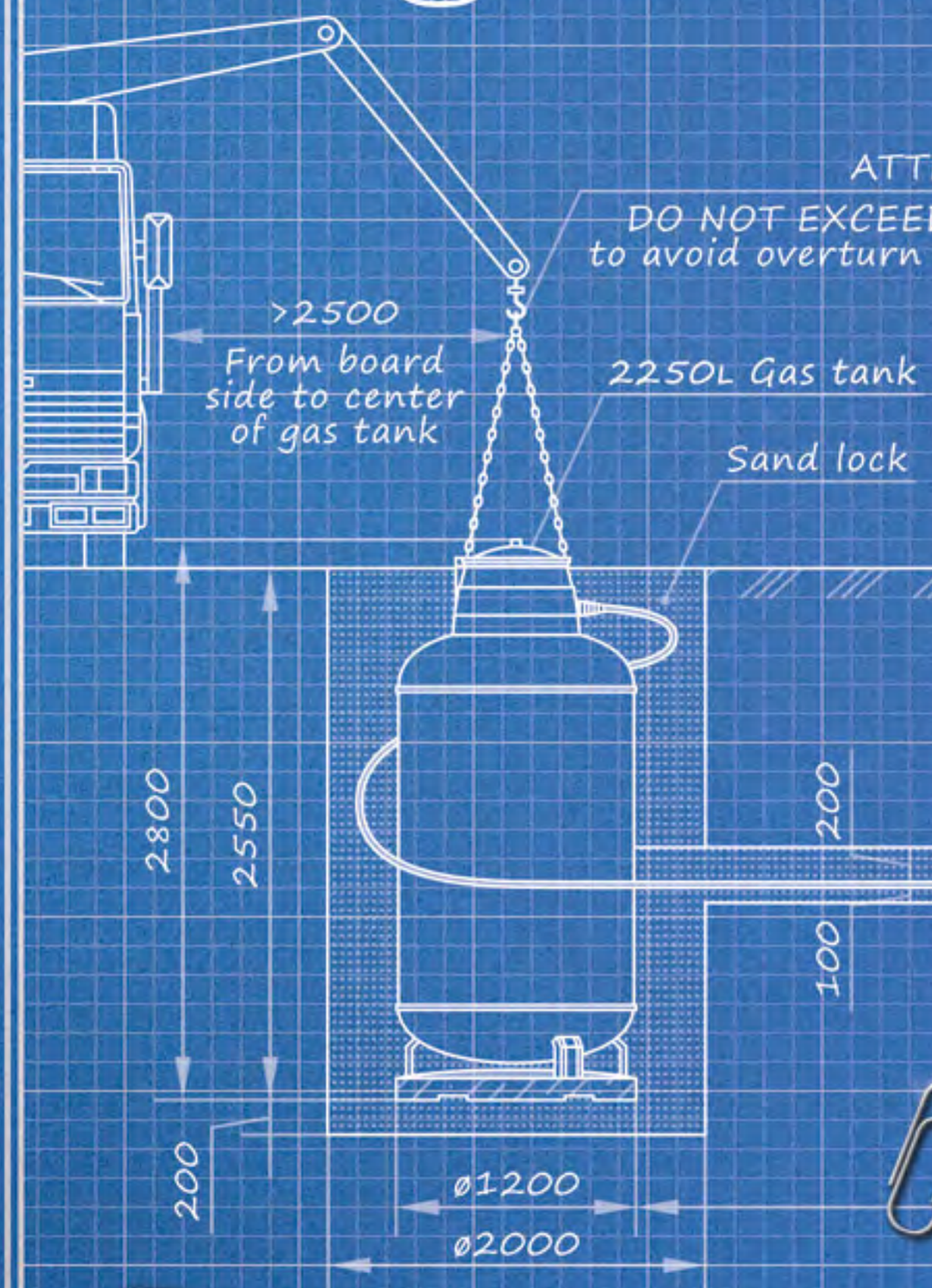
Full charge 85%=1912,5L

Legend:
- Reinforced concrete construction
- Ground
- Sand



House ≈ 250м²

Gas service pipe



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ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and IR, Group of Companies «Terrikom».

Gasification of house
up to **500** м²

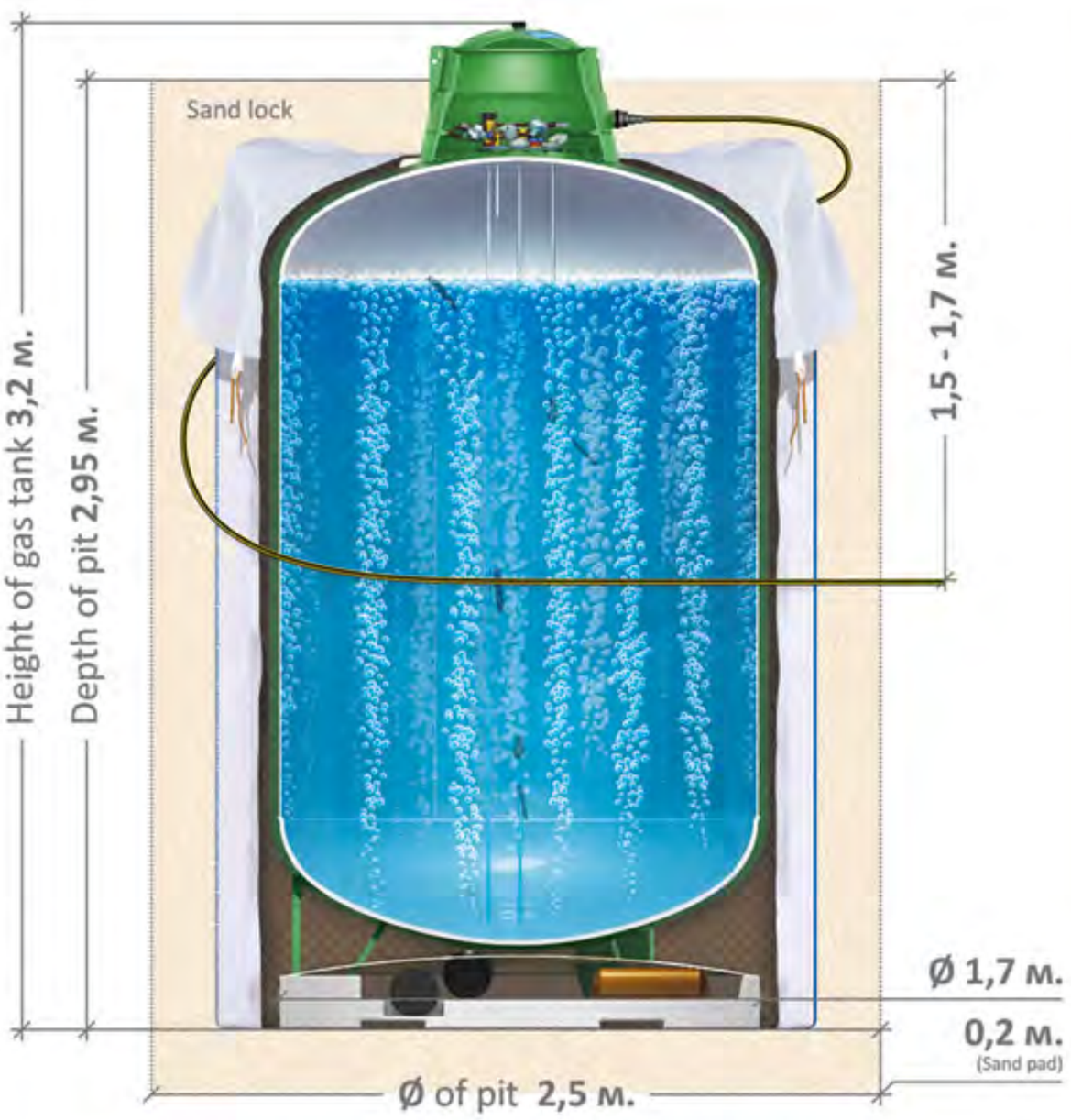
You can buy this gas tank with small overpayment

LPG TANK

Vertical underground

V= **5000** L.

Only: 7900€



Minimum distance between gas tank and any construction **5 м. (SNiP 42-01-2002)**

Unique advantages of vertical gas tanks from Antonio Merloni

- Products are always in stock in Moscow (**supply during 3 days!**). Delivery to all regions of Russia.
- **Possibility to use more or less in any climate zone of our country even in hard winter:** operating temperature range for vertical gas tanks from **"Antonio Merloni"**: from **-40°C to +50°C** (this is the only one gas tank where this temperature parameter is punched on the plate with passport data).

List of equipment:

1. Protective bag MARSUPIO
2. Hermetical polyethylene hatchway (HDP)
3. Concrete-alkaline pad
4. Three component anode-cathode protection
5. Double-stage reducing end plate (high and low pressure)
6. Thermo-lock
7. Level indicator-2 pieces
8. Filler valve
9. Safety valve
10. Liquid fraction valve
11. Ventilation valve
12. Multifunctional valve with pressure gauge
13. Emergency shutdown valve 17,65 bar
14. Padlock

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www.antonio-merloni.ru

MOUNTING
of vertical underground
gas tank

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and III. Group of Companies «Terrikom».

5 000 L

Full charge 85%=4250L

Legend:

- Reinforced concrete construction
- Ground
- Sand

House ≈ 500M²

Gas service pipe

ATTENTION!
DO NOT EXCEED indicated distance
to avoid overturn of crane-manipulator

>2500
From board side to center of gas tank

5000L Gas tank

Sand lock

Warning tape (Attention GAS)

Freezing depth in your region ≈1500...1700

Gas pipeline PE80 SDR11

Sand lock

R≥1M

≥1600

1600

500

3200

2950

200

100

200

ø1700

ø2500

ATTENTION!
Minimum distance to any construction 5m (SNiP 42-01-2002)

10000

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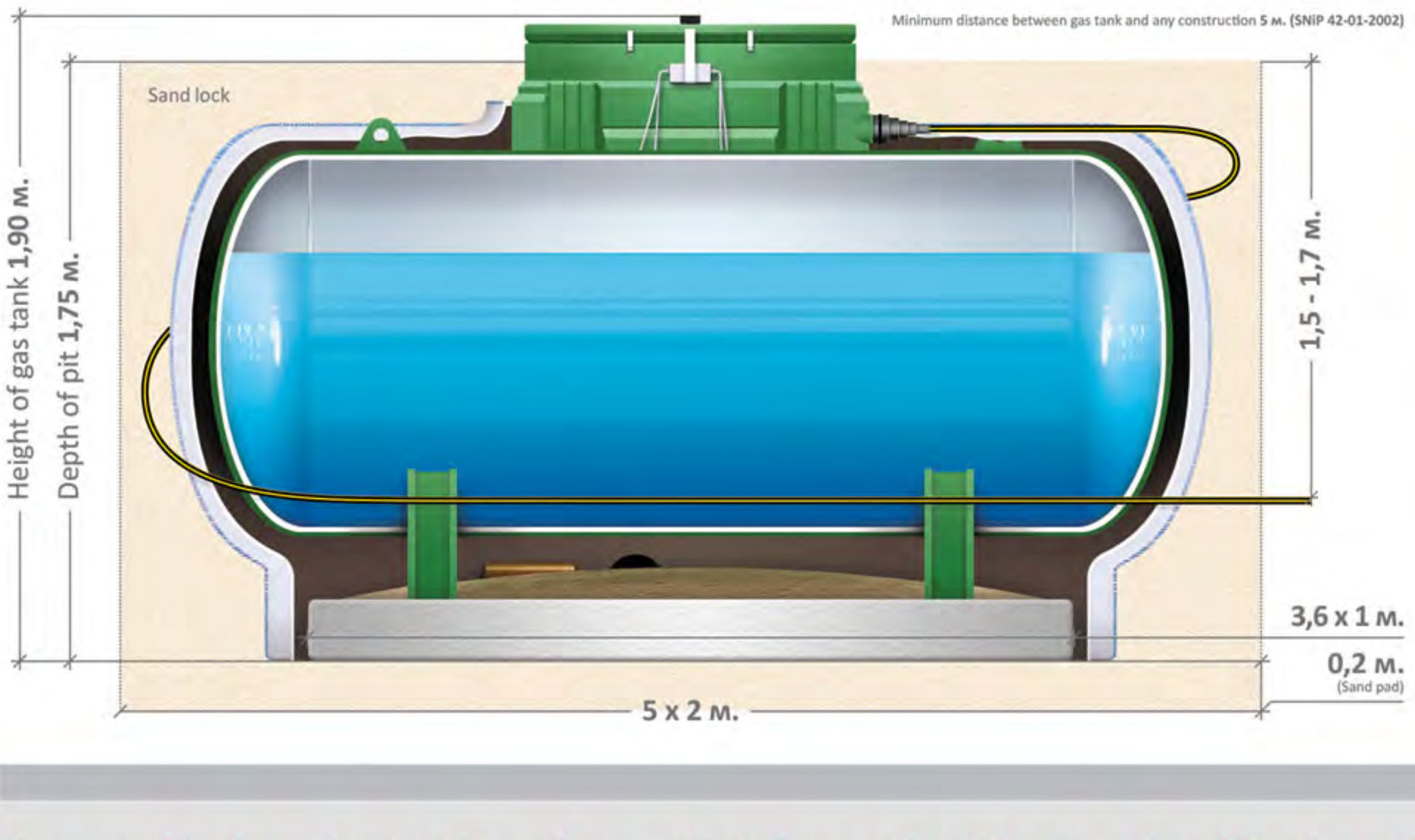
Attention! Do not forget. GAS TANK should answer its temperature conditions.

Appreciate the advantages of vertical gas tank



Underground horizontal gas tanks and ground-based gas tanks AM to be ordered in advance!

Underground horizontal gas tanks: **Vhor. = 1000** L, **1750** L, **2750** L, **5000** L. To be ordered IN **ADVANCE** (divisible by 4 pieces with different capacities).
Ground-based horizontal gas tanks: **Vrop. = 1000** L, **1750** L, **2500** L, **2750** L, **5000** L. To be ordered IN **ADVANCE** (divisible by 4 pieces with different capacities).
Ground-based vertical gas tanks: **Vvert. = 500** L, **1000** L. To be ordered **IN ADVANCE** (from 1 piece)

List of equipment:

1. Protective bag MARSUPIO
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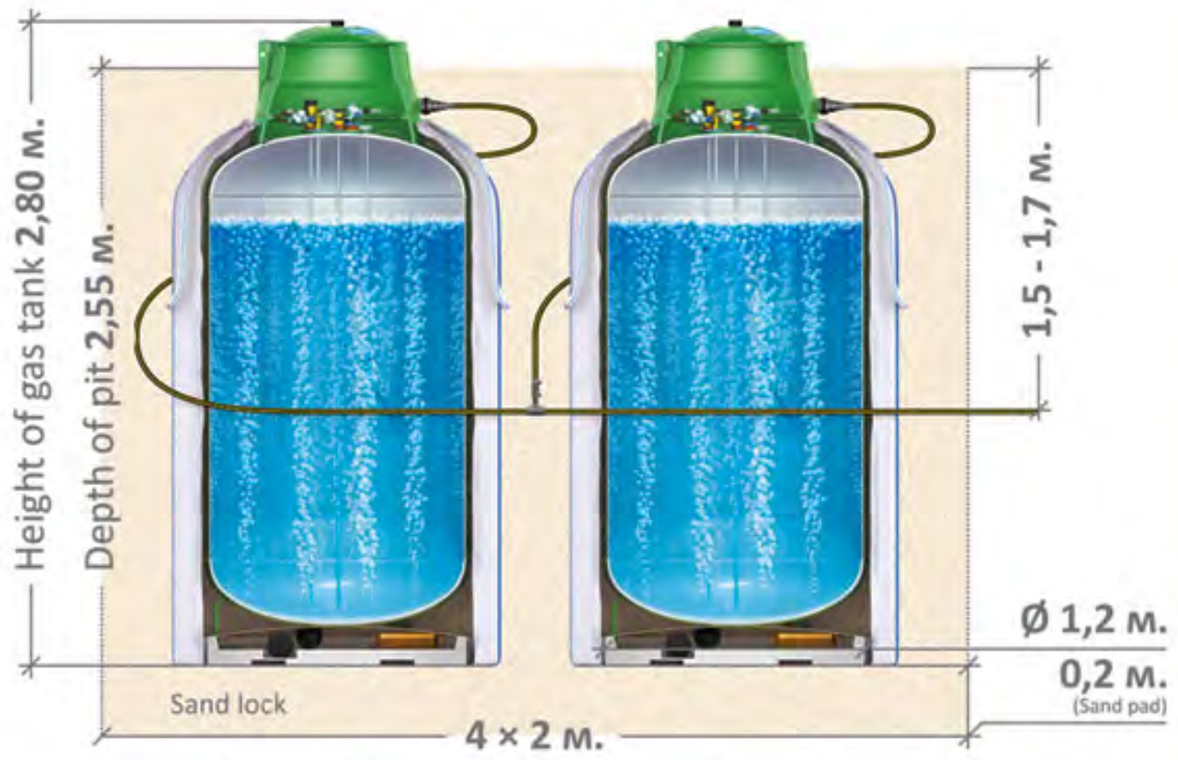
Double configuration (Cascade connection of vertical underground gas tanks)



Minimum distance between gas tank and any construction 5 м. (SNiP 42-01-2002)

Gas tank **V=2250** + Gas tank **V=2250**

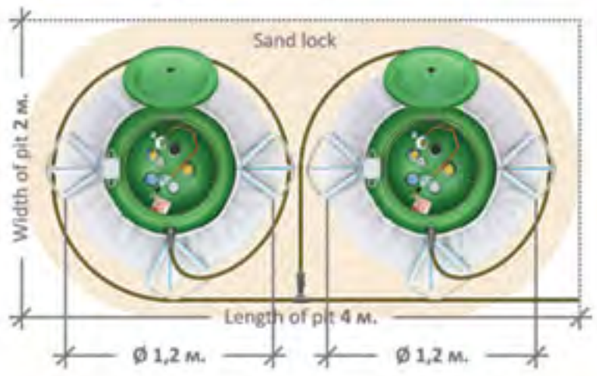
Only: 7600€

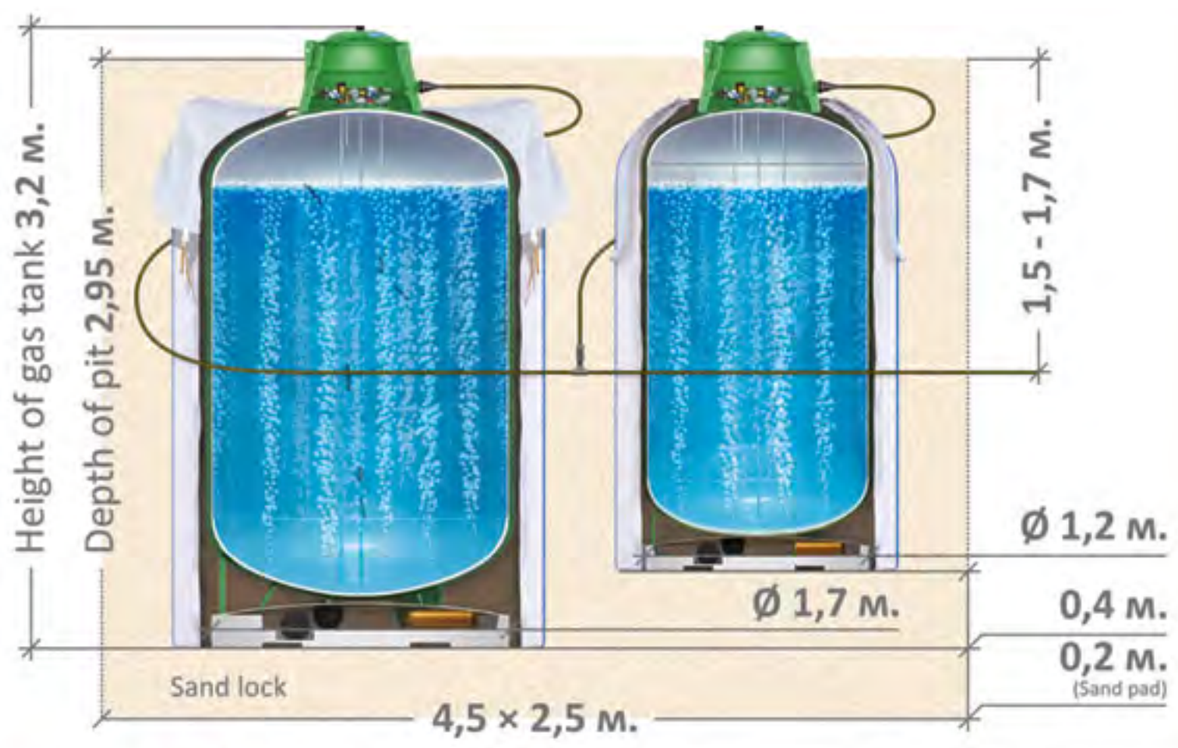
V= 4500 L.

Vertical underground

LPG TANK

Gasification of house up to **500** м²





Minimum distance between gas tank and any construction 5 м. (SNiP 42-01-2002)

Gas tank **V=5000** + Gas tank **V=2250**

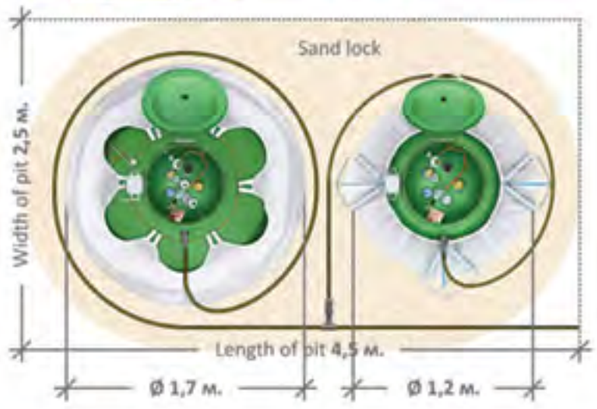
Only: 11700€

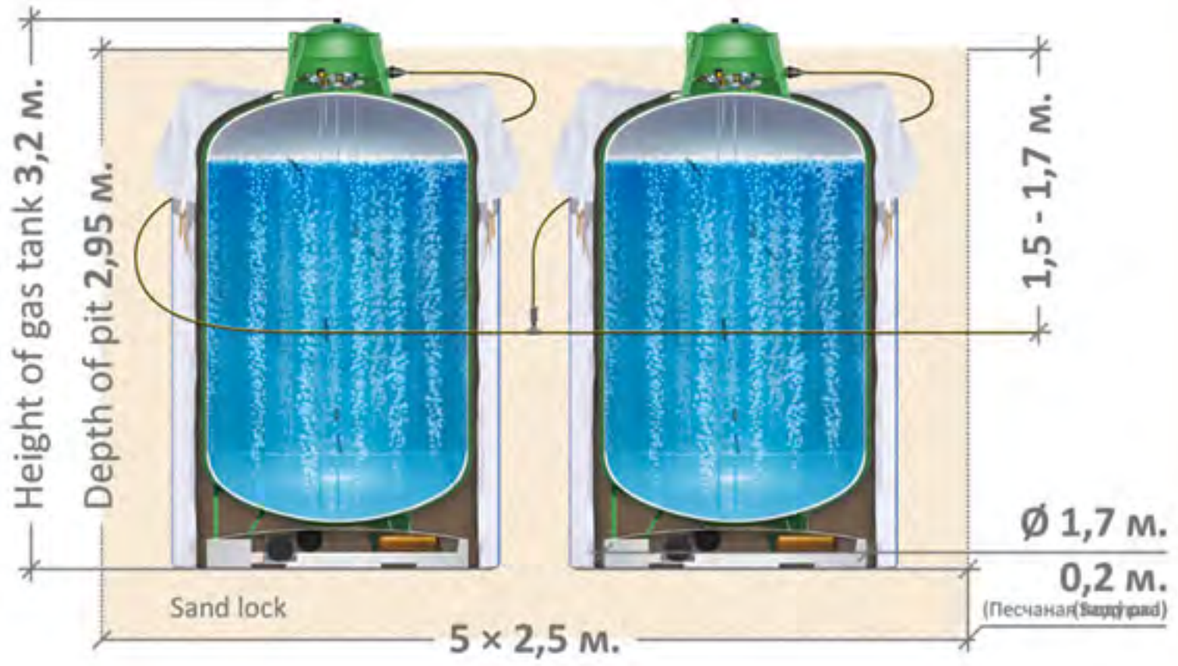
V= 7250 L.

Vertical underground

LPG TANK

Gasification of house up to **750** м²





Minimum distance between gas tank and any construction 5 м. (SNiP 42-01-2002)

Gas tank **V=5000** + Gas tank **V=5000**

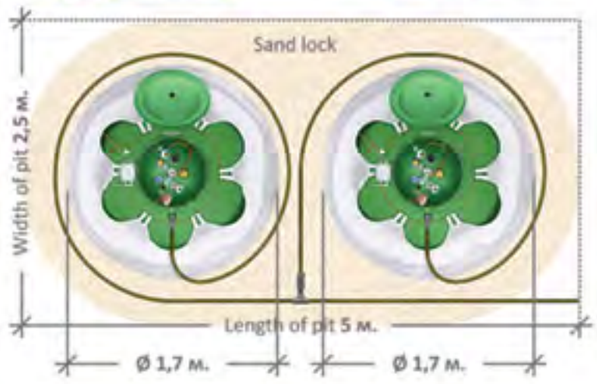
Only: 15800€

V= 10000 L.

Vertical underground

LPG TANK

Gasification of house up to **1000** м²



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MOUNTING
of vertical underground
gas tank

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and IR, Group of Companies «Terrikom».

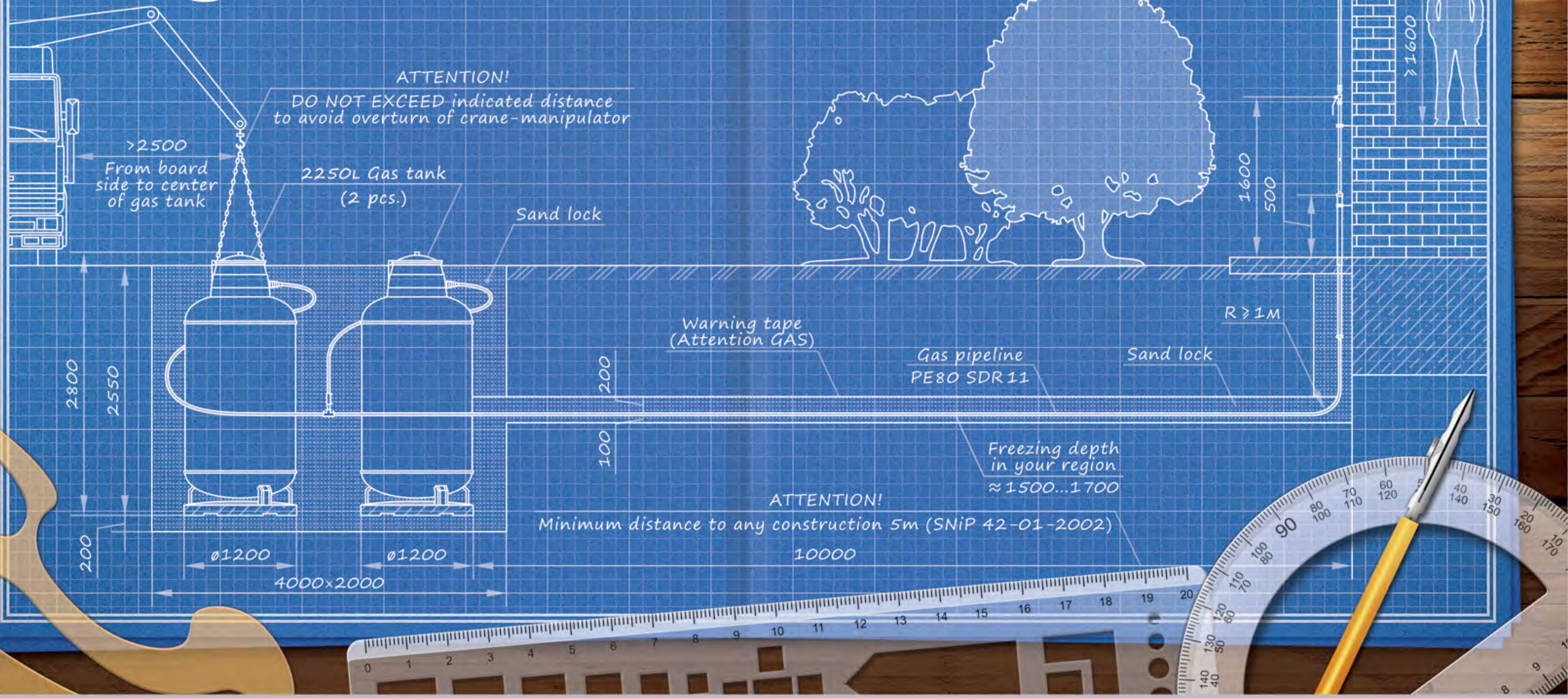
4 500 L

Full charge 85%=3825L

Legend:
- Reinforced concrete construction
- Ground
- Sand

House ≈ 500M²

Gas service pipe



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MOUNTING
of vertical underground
gas tank

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and IR, Group of Companies «Terrikom».

7 250 L

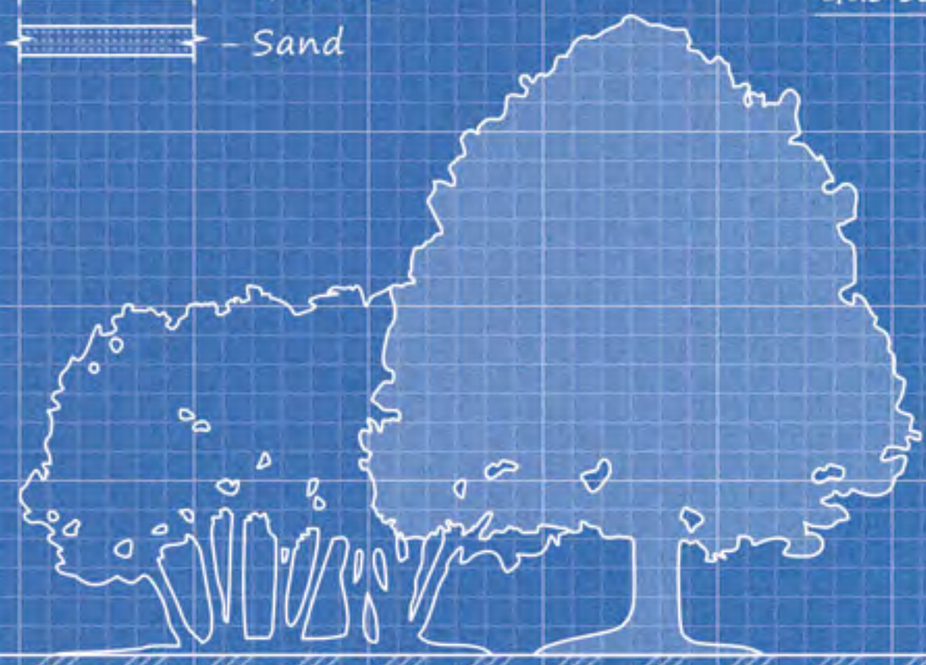
Full charge 85%=6162,5L

Legend:

- Reinforced concrete construction
- Ground
- Sand

House ≈ 750M²

Gas service pipe



≥1600

1600

500

R≥1M

ATTENTION!
DO NOT EXCEED indicated distance
to avoid overturn of crane-manipulator

>2500
From board side to center of gas tank

5000L Gas tank

2250L Gas tank

Sand lock

Warning tape
(Attention GAS)

Gas pipeline
PE80 SDR 11

Sand lock

3200

2950

2800

200

100

400

200

ø1700

ø1200

4500×2500

Freezing depth
in your region
≈1500...1700

ATTENTION!
Minimum distance to any construction 5m (SNiP 42-01-2002)

10000

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MOUNTING
of vertical underground gas tank

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and III. Group of Companies «Terrikom».

10 000 L

Full charge 85%=8500L

Legend:
- Reinforced concrete construction
- Ground
- Sand

House ≈ 1000 M²

Gas service pipe

ATTENTION!
DO NOT EXCEED indicated distance
to avoid overturn of crane-manipulator

>2500
From board side to center of gas tank

5000L Gas tank
(2 pcs.)

Sand lock

3200
2950
200
ø1700
ø1700
5000×2500

Warning tape
(Attention GAS)

200

Gas pipeline
PE80 SDR 11

Sand lock

R ≥ 1M

1600
500

100

Freezing depth
in your region
≈1500...1700

ATTENTION!
Minimum distance to any construction 5m (SNiP 42-01-2002)

10000

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ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
Official distributor in Russia and IE, Group of Companies «Terrikom».

GROUND WORKS
to arrange Antonio Merloni gas tanks

Sample of personalized certificate (PB 12-609-03)

Ground works

1. Ground works are realized in accordance with fire security norms SNiP 42-01-2002 and PB 12-609-03. Mounting is provided by certified professionals who have certificate PB 12-609-03.
2. Depth of the pit for gas tank next to gasified object: 2.1 -2.95m (depends on capacity of cistern).
3. Distance between gas tank and any construction: no less than 5m.
4. Trench depth for gas pipeline installation: 1.5-1.7m (depends on the soil frost depth in certain region). Trench width: 0.6m.
5. Gas pipeline should be installed on the banking made of fine grained sand (thickness – 0.1m) organized on the bottom of trench.
6. Gas tank and gas pipes should be covered by river sand (to place in sand lock).
7. Trench together with gas pipeline is covered by sand (thickness – 0.2m), at the top there is installed signal tape of yellow color and finished up by final cover with ground.
8. Gas service pipe and the place where gas pipe drops to the trench near gas tank is covered by sand circle wise (diameter – 0.3m). To prevent separation of gas pipe from connecting constructions it is required to provide correct tamper of covering sand near the socle inlet to the house and gas tank. The tamper includes watering of vertical sections of gas pipeline and tightening of sand layers in each 0.2 meters, height along.

ATTENTION! In case of inappropriate following of ground works instructions there might occur leak-off pressure and gas pipeline separation from gas tank and gas service pipe.

Certificate of conformity ISO 9001

BUREAU VERITAS
Certification

ANTONIO MERLONI CYLINDERS GHERGO GROUP S.P.A.

Head Office and Operative Site:
Via Aristide Merloni, 2 – 62024 MATELICA (MC) – ITALY
Operative Unit:
Via Ischieta, 5 – 60041 SASSOFERRATO (AN) – ITALY

Bureau Veritas Italia spa certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

Standard

ISO 9001:2008

Scope of certification

Design, production and regeneration of pressure containers (cylinders and tanks).

EA Sector(s): **17**

Certification cycle start date: **23 October 2015**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: **15 September 2018**

Original certification date: **28 February 2011**

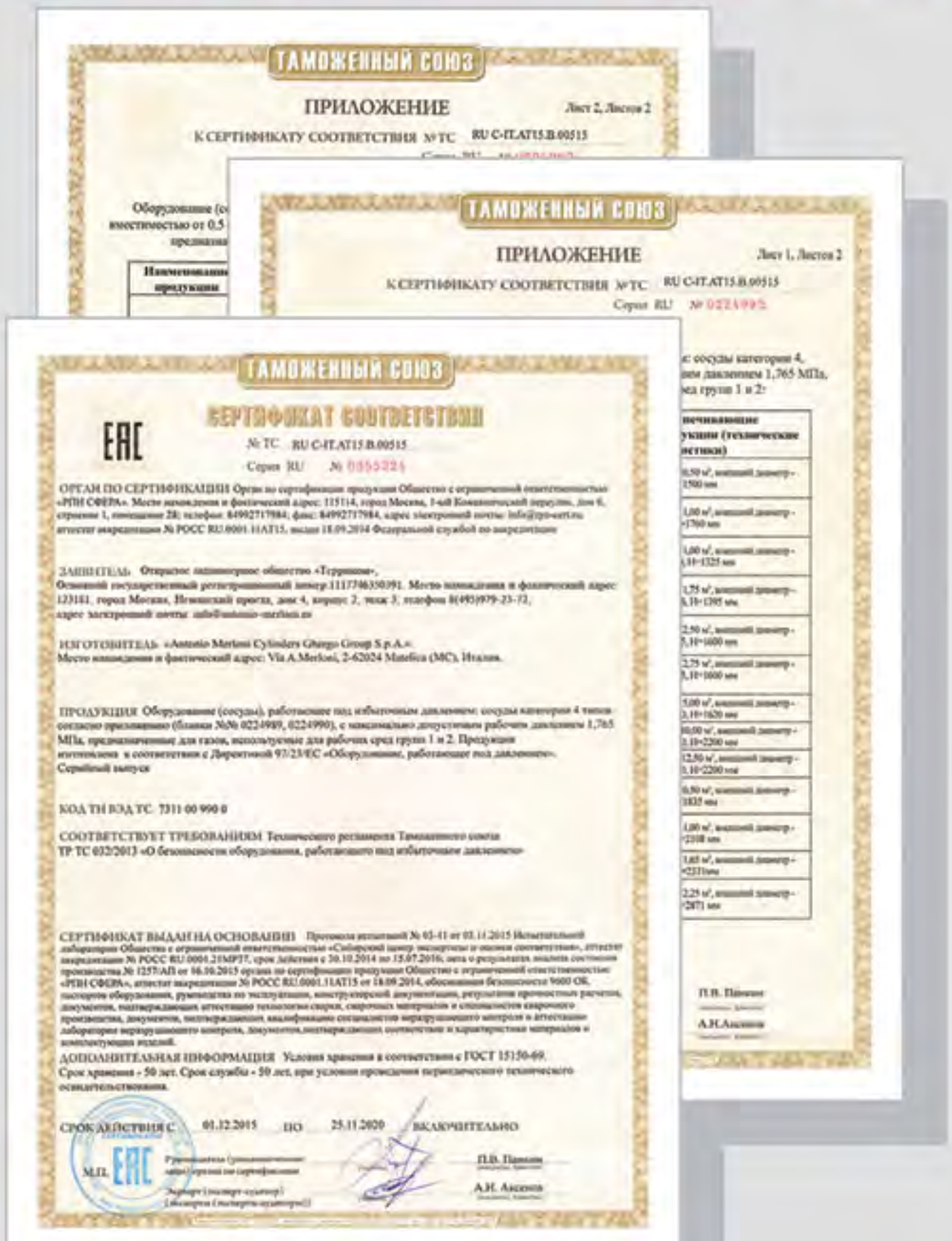
Certificate No. IT238560 Version N. 1 Revision date: **23 October 2015**

LODOVICO JUCKER – Local Technical Manager

ACCREDIA

Certification body address:
Bureau Veritas Italia spa, Via Miramare, 15, 20126 Milano, Italia
Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please refer to the website www.bureauveritas.it

CU Sertificate as per regulations 32 valid till 2020



WE ARE SEARCHING SALES AGENTS IN RUSSIA AND EAC

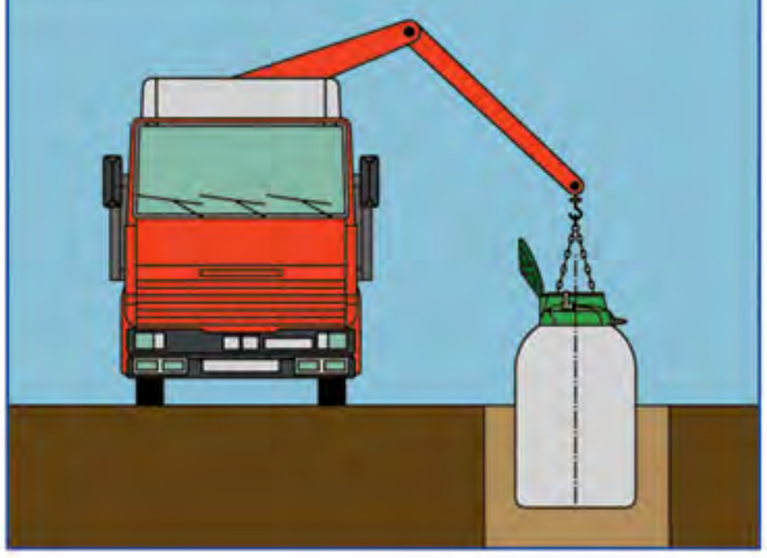
New protective bag "Marsupio" which was designed and patented by "Antonio Merloni" Company excludes any risk of incorrect mount of gas tank and incorrect connection of anode -cathode protection of underground cisterns. "Marsupio" significantly speeds up installation process. Special sand prepared on concrete-alkaline pad which is situated inside of protective bag "Marsupio", keeps anode-cathode protection in active state both, in warm and in cold seasons.

The main advantage of "Marsupio" protective system is that during ground movements the cistern is protected from mechanical damages and fully uses thermal potential of the earth to heat LPG.
Anode-cathode protection is already connected to protective bag "Marsupio" what allows to reduce expenses for gas tank installation and not to damage epoxy coating.

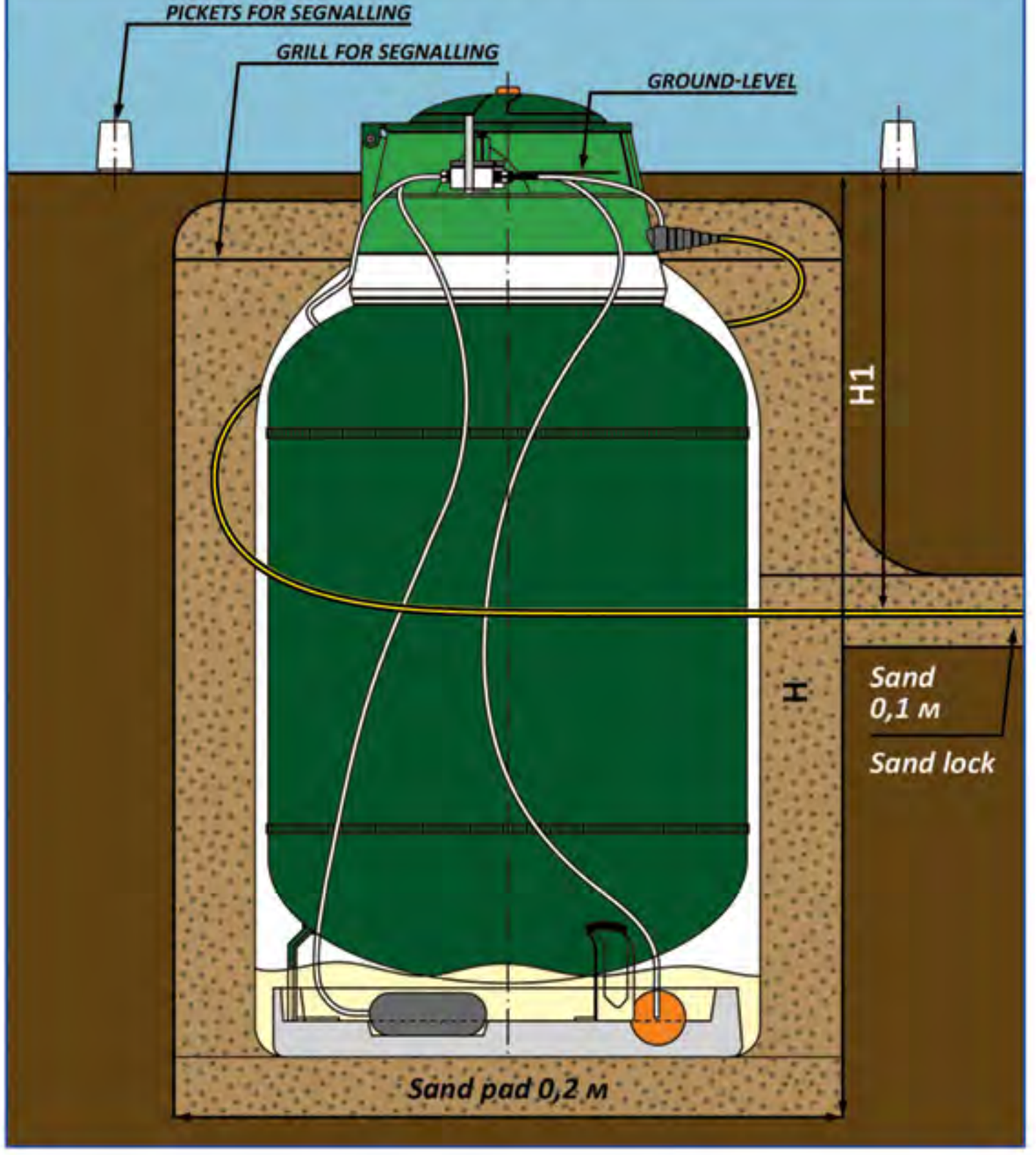
Capacity, L	Area, м²	Weight, kg	Pit, м	Depth, м (H)	Price, CU
1 000 vert.	~ 100	560	Ø 1,6	1,95	3 100
1 650 vert.	~ 170	850	Ø 2	2,1	3 500
2 250 vert.	~ 250	1 100	Ø 2	2,55	3 800
4 500 vert. (Dual)	~ 500	2 200	Д 4 × Ш 2	2,55 / 2,55	7 600
5 000 vert.	~ 500	2 450	Ø 2,5	2,95	7 900
7 250 vert. (Dual)	~ 750	3 550	Д 4,5 × Ш 2,5	2,95 / 2,55	11 700
10 000 vert. (Dual)	~ 1 000	4 900	Д 5 × Ш 2,5	2,95 / 2,95	15 800

TRANSPORTATION

INSTALLATION



VERTICAL GAS TANK



TRENCH TO HOUSE: WIDTH - 600 мм; SOIL FROST DEPTH – H1

ANTONIO MERLONI
CYLINDERS GHERGO GROUP S.P.A.
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www.antonio-merloni.ru

SINCERT SISTEMA QUALITÀ CERTIFICATO CSQ IQNet UNI EN ISO 9001

Conventional unit (c.u.) equivalent to EURO. Settlements between corporate entities (private entrepreneurs) who sell Antonio Merloni equipment and their clients are realized in Russian Rubles at the exchange rate of the Bank of Russia +3% in cash, +6% cashless. Public offer, not publicity

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