

ADVANCE

Easy Moving 

13

ASSEMBLY, USE AND MAINTENANCE MANUAL

Fuel storage tank

TEXSILO 110





INSTRUCTION MANUAL

- Type: Fuel storage tank
- Model: TEXSILO 10
- Revision 1.0.1

FUEL STORAGE TANK TEXSILO 110

INDEX

| | |
|--|----|
| 1 INTRODUCTION | 4 |
| 1.1 Use of this manual | 4 |
| 2 WARNINGS | 4 |
| 3 INSTALLER'S RESPONSIBILITIES | 5 |
| 4 CONSTRUCTION FEATURES | 5 |
| 5 WEIGHTS AND MEASURES TABLE | 5 |
| 6 CHECK OF PACKAGING CONTENT | 6 |
| 7 ASSEMBLY EQUIPMENT | 6 |
| 8 IDENTIFICATION PLATE | 7 |
| 9 PROPER USE OF THE PRODUCT | 8 |
| 10 INSTALLATION | 8 |
| 10.1 Place of installation | 8 |
| 11 ASSEMBLY | 9 |
| 12 START UP AND USE | 14 |
| 13 MAINTENANCE AND END-OF-LIFE | 14 |
| 13.1 End-of-life | 14 |
| 14 SAFETY REQUIREMENTS FOR FUEL STORAGE TANKS | 15 |
| 15 WARRANTY | 16 |
| 16 CERTIFICATION | 17 |

1 INTRODUCTION

Dear customer,
the manufacturer would firstly like to thank you for the choice you made in buying an of our product, whose technical features will certainly meet Your needs.

Our products have been designed and manufactured in total compliance with the current regulations, by choosing the best materials to obtain durability and ease of use of the product.

We ask you, therefore, to read this manual carefully and completely, following strictly the instructions contained herein.

1.1 Use of this manual

The instruction manual is a document drawn up by the manufacturer and is part of the product: it integrates the specific rules of application and general rules for people, animals and objects safety. In the event that the product is resold, handed over, rented or sold to others, it must always be accompanied by this manual; therefore, it is recommended to use and keep it with care for the entire operative life of the product.

The main objective of this manual is to make known the proper and safe way to use the equipment.

No part of this manual may be reproduced, copied, or shared in any way, without the written permission of the manufacturer.

The manufacturer reserves the right to make improvements or modifications to this manual and to the equipment at any time, without obligation to advise third parties.

2 WARNINGS

- Do not use the machine for any improper use.
- Do not let children near the machine.
- This unit must not be used by people (including children) with reduced physical, sensory or mental capabilities, or with lack of experience and knowledge, unless they are supervised or instructed in the use of the unit by a person responsible for their safety.
- Use only original spare parts.
- In order to be able to operate easily on the tank, you must leave all around and above it a space of at least 50 cm which must be completely free from any obstacle.
- This tank can contain only wood pellet and olive pomace
- Before proceeding to the first filling of the tank check that it is properly installed with a spirit level and that all fixing screws are tight.
- After the first filling, tighten all screws again.
- It is forbidden to add other loads or weights to the tank in addition to the one of the fuel contained therein.
- Never use the tank structure as a carrier or fixing element for any other support or equipment.
- It is necessary to ventilate the environment where the tank is installed during loading.

The manufacturer declines any liability or guarantee, if the buyer or anyone makes changes or even minor modifications to the purchased product.

3 INSTALLER'S RESPONSIBILITIES

To ensure proper operation of the product, follow these guidelines:

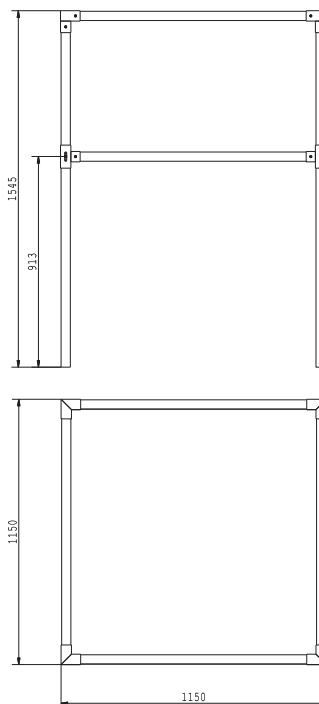
- Only perform the activities described in these instructions
- Perform all activities in accordance with applicable regulations
- Explain to the user the operation and use of the product
- Explain to the user how to maintain the product
- Report to the user the potential dangers related to the use of the product

4 CONSTRUCTION FEATURES

- painted steel structure
- high-strength polypropylene fabric
- Ø 260 mm lower extraction poin

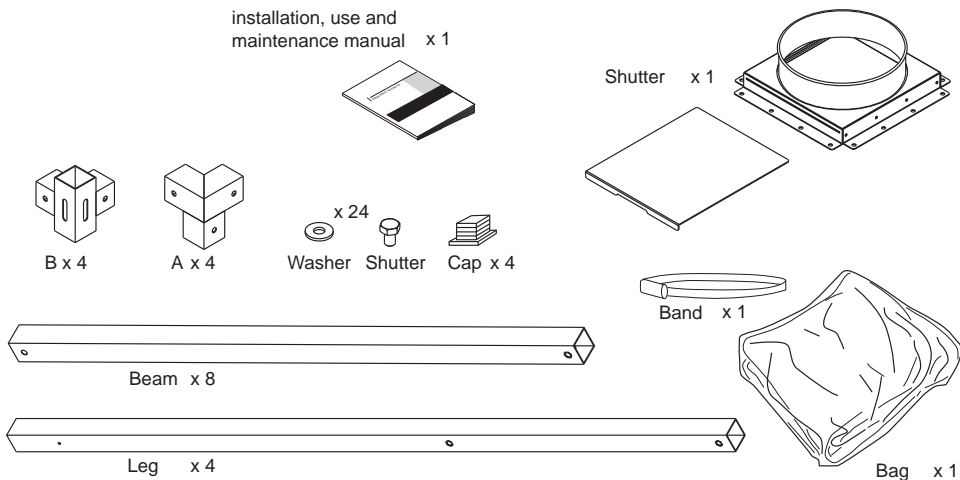
5 WEIGHTS AND MEASURES TABLE

| Article | AP3450.06.12 | |
|-------------------------------|-------------------|-----------|
| Model | Texsilo 110 | |
| Weight | Kg | 35 |
| Width and depth | mm | 1150 |
| Height | mm | 1545 |
| Fuel bag volume | m ³ | 1 |
| Bag safety factor | | 5:1 |
| Fabric | gr/m ² | 180 |
| Débit utile | Kg | 700 |
| Maximum capacity | Kg | 800 |
| Operating temperature min/max | C° | -10 ÷ +50 |
| Degree of humidity min/max | % | 30 ÷ 95 |



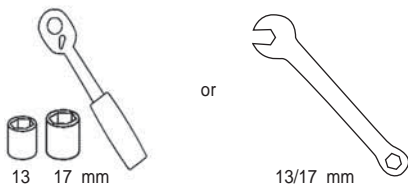
6 CHECK OF PACKAGING CONTENT

After opening the packaging, make an inventory of what you have received, which should consist of:



Check that the product corresponds to the one ordered and that no transportation damage is evident. Should this not be the case, please contact immediately the seller.

7 ASSEMBLY EQUIPMENT



8 IDENTIFICATION PLATE

Do not remove or damage the identification plate.

English



9 PROPER USE OF THE PRODUCT

This stock tank is designed to be installed in a pneumatic transport system for pellets or other biomass fuels such as olive kernels and corn; it cannot contain fuels with excessive particle sizes and in any case with lengths greater than 40 mm or diameters greater than 15 mm.

For pellets, we recommend to use only ENplus A1-certified pellet.

It cannot store substances that are not biomass fuels and that have excessive or too fine dimensions, sharp or abrasive surfaces or that are easily compactable.

The fuel storage tank is not predisposed to be loaded by pressure blowing of the fuel inside it, therefore it should not be loaded by tanker, but only manually or mechanically and only by fall from the loading inlet on the top.

The loading of the tank can be carried out by manual filling of fuel contained in bags or big bags.

Fuel extraction can be made both from the lower and the upper opening by one of the devices in the catalog.

10 INSTALLATION

It is necessary to leave a free space of adequate size all around the product, in order to permit any repair, maintenance or inspection operation.

Only qualified technical personnel are authorized to carry out installation, use and maintenance of the product. All operations must be performed adopting accident prevention regulations, in accordance with safety warnings (EN 6024-1).

In the event of damage, anomalies or defects of the product, do not install and contact your retailer.

10.1 Place of installation

Below are the main rules to follow for proper installation:

- It is the responsibility of the installer to check always the suitability and characteristics of the product installation site
- It is the responsibility of the installer to comply with fire prevention regulations
- It is the responsibility of the installer to ensure that the location and the placement of the tank within it ensures compliance with the applicable accident prevention regulations
- The tank must not be exposed to atmospheric agents and must not be installed in locations subject to: high humidity, possible flooding, high temperatures, presence of corrosive gases or dusts
- The floor on which the magazine is positioned must be tested to stand, at the base of each leg, one quarter of the total weight of the tank at full load (approximately 200 kg.).
- The positioning of the tank must guarantee around and above it a minimum free space of 50 cm and the absence of obstacles, even if temporary
- The magazine fabric should never be in contact with wet or rough walls or surfaces.
- IT is important to avoid the objects to fall in the bag: they may obstruct the good functioning of the pneumatic transport system or they may damage the cloth.
- In presence of animals, it is essential to avoid them to fall in the bag or to damage it even if only externally.

11 ASSEMBLY

Before you start with the assembly, clean carefully the floor where you'll work. Consider that once the storehouse has been completely built it will be hard to move. It's therefore suggested to assembly it close to the place where it will be installed.

1 - place upside-down the empty bag to the ground with the exhaust exit upwards; insert the adapter with shutter (supplied) in the exhaust exit, fastening it firmly by gripping the steel band around the exhaust exit.

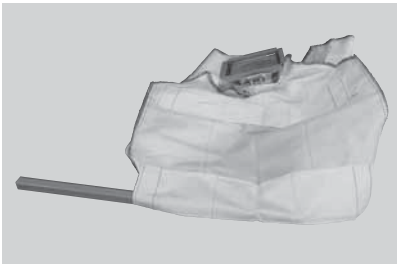


Picture 1

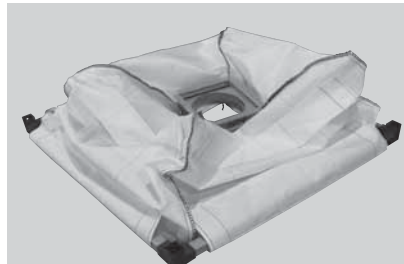


Picture 1.1

2 - leave to the ground the upside-down bag with the exhaust exit upwards and insert the beams in the bag's holes (8 holes) by joining between each other with the respective angular joints, screwing slightly the fixing screws.



Picture 2



Picture 2.1

3 - Ensure that the beams now downwards are joined with the angular joints (type A)



Picture 3

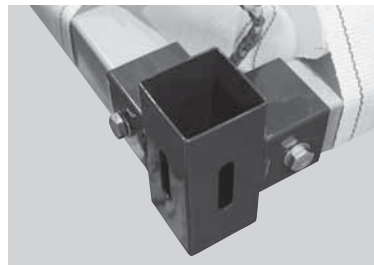


Picture 3.1

4 - Ensure that the beams now upwards are joined with the angular joints (type B)



Picture 4



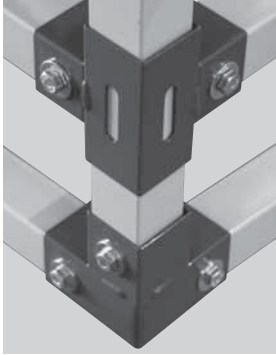
Picture 4.1

5 - Insert on the legs the 4 rubber caps which will serve as non-slip feet

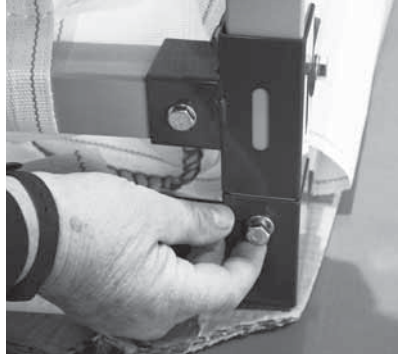


Picture 5

6 - Place now the 4 storehouse legs in the joint type B and then in the other one slightly gripping the screws on this last one.

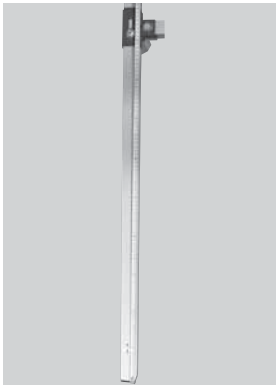


Picture 6

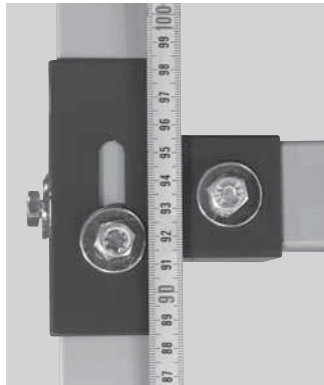


Picture 6.1

7 - Turn upside down the almost ready storehouse and fasten the lower framework, now sliding, to the legs, with 4 screws by inserting them in the buttonholes placed on the 4 joint type B, then lift the framework as much as possible until you have about 910 mm height from the ground and grip the screws.



Picture 7



Picture 7.1

8 - Place the storehouse in the definitive place and, after have checked that it's perfectly aligned, grip firmly all the screws.



Picture 8

9 - Before the first filling, proceed with the grounding of the framework thanks to the suitable holes on each leg.

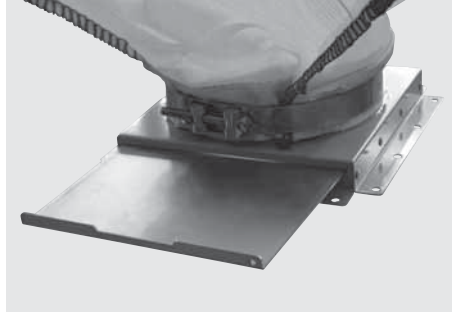


Picture 9

10 - At the end of the assembly, make sure that the storage comes as picture 10 and that the shutter can move freely until completely close the exhaust exit.



Picture 10



See picture 10.1

12 START UP AND USE

The tank has a Ø 600 mm loading inlet at the top. This inlet has laces in order to be sealed and opened only during loading operations to avoid the accidental falling of objects and animals into the bag.

After assembly and connection, before filling the tank make sure that:

- there are no foreign bodies inside the fuel bag
- the metal structure is positioned using a spirit level and it is properly connected to a grounding cable
- all the screws and nuts that make up the metal frame are tightened
- the pillars are well fixed to the floor
- the fabric does not present cuts, unsewing or damages, even if minor
- the fixing clamp of the discharge point is well tight.

The shutter installed in the fuel outlet, has a dual function, in addition to preventing fuel spillage in the event of maintenance of the offtake system or the underlying pipes, it can also be partially opened and closed, thus acting as a partialiser.

This adjustment helps in some cases to optimise the amount of fuel in the offtake system and consequently helps to improve the fluidisation of the fuel in the pipes.

The flange at the base of the shutter is perfectly suited to the installation of the fuel withdrawal systems in our catalogue.

For the first time, just place a small amount of fuel in the storage tank (100 kg.) to test the stability and operation of the tank itself.

After reading also the manuals of all the components of the system, you can start using the tank.

13 MAINTENANCE AND END-OF-LIFE

Before carrying out any maintenance operation on the product, it is obligatory to aerate the premises in which it is installed for at least 15 minutes. Any maintenance and repair operation must be carried out by experienced personnel and authorized by the manufacturer.

In the absence of a specific maintenance plan, a complete product inspection is recommended for each filling of the storage tank. The checks to be carried out periodically are:

- Check with a spirit level that the metal structure is in a perfectly horizontal position as when it was installed
- check the tightening of all the screws and nuts that make up the metal frame (yearly)
- check fabric conditions verifying that it does not present cuts, unsewing or damages, even if minor
- check the conditions of fabric anchoring ties which must have no abrasions, even if minor
- check the anchorage conditions of the metal structure to the floor (yearly)

It is also advisable to thoroughly clean the fuel storage tank at least annually, in order to avoid dust accumulation and presence of foreign bodies inside of it.

The presence of animals such as rats, mice, cats, dogs, birds, tarms and so on... and their behavior inside the storage room where the tank is installed can cause serious damages to tank fabric.

The tank has a steel structure that is resistant to external agents, but the plastic fabric can suffer serious damages with low visibility, which could, in the long run, undermine its stability with consequent danger for people passing near it.

13.1 End-of-life

The disposal of packaging, accessories and machine must be executed in accordance with applicable laws, ensuring the recycling of any of the core components.



SAFETY REQUIREMENTS for pellet storage tanks with capacity up to 10 t



Keep the doors closed. Access is permitted only to authorized personnel under the supervision of a person outside



Do not smoke and approach flames or other sources of ignition.



Danger of death due to high concentrations of carbon monoxide (CO) and lack of oxygen.



In the 4 weeks after the fuel filling, enter only with a CO detector.



Aerate the storage room for at least 15 minutes before entering and keep the door open during your permanence.



Ensure an adequate and permanent aeration of the storage room through vent covers, openings or fans.



Wounding risk for moving systems



Turn off the boiler at least one hour before the pellet is delivered.



Proceed to the filling according to the requirements of the boiler manufacturer and the pellet supplier.



Protect pellets from humidity



In case of fire suspect keep the front door and any other opening of the storage room close and call the firemen.

15 WARRANTY

PRODUCT LIMITED WARRANTY CONDITIONS

The Manufacturer guarantees to the original purchaser the absence of defects in material and workmanship of the product for the period stated, from the date of purchase. Except as prohibited by applicable law, this warranty is non transferable and it is limited to the original purchaser. The present warranty gives the buyer specific legal rights and the possibility to claim rights which can vary under local laws.

Read all warnings and instructions before using the product purchased.

The entire liability of the manufacturer and your exclusive remedy for any breach of warranty will be at the discretion of the Manufacturer:

(1) To repair or replace the product, or (2) refund the purchase price, provided that the product has been returned to the point of purchase, or such other place as may be specified by the manufacturer, with a copy of the sales receipt or detailed and dated receipt. The shipping and handling are not free of charge, except in cases where this is prohibited by applicable law.

To repair and replace the product, the manufacturer may, at their own discretion, use new, refurbished or used parts in good working condition. Any replacement product will be warranted for the remaining time of the original warranty period, or for any period of time that complies with the provisions of the current law.

This warranty does not cover problems or damage resulting from (1) accident, abuse, misapplication, repair, alteration or unauthorized disassembly; (2) maintenance operation, use which is not in accordance with the product instructions or connection to an improper voltage supply; or (3) use of consumables and spare parts which are not supplied by the manufacturer or authorized service center.

Valid warranty claims are generally processed through the point of purchase of the product.

Please agree this detail with the retailer where you purchased the product.

The Warranty claims that cannot be processed through the point of purchase, as well as any other product related questions, should be addressed directly to the manufacturer. Addresses and contact information for customer support can be found at the internet.

Except as stated by relevant laws in force, any implied warranty or condition of merchantability or suitability for a particular purpose relating to this product is limited to the duration of the Limited Warranty period for the specific product purchased.

Some jurisdictions do not allow limitations on the duration of implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state, or from jurisdiction to jurisdiction.

Consumers have legal rights under applicable national legislation governing the sale of consumer products. Such rights are not affected by the warranties in this Limited Warranty.

No dealer, agent, or employee of the manufacturer is authorized to make any modification, extension or addition to this warranty.

16 CERTIFICATION

English

JUTA JUTA a.s. - Dušová 417 544 01 Duř Králové n.L., ČR | www.juta.cz | Tel: +420 450 314 221 E-mail: juta@juta.cz

In Duř Králové nad Labem 17. 9. 2015.

Declaration

In accordance with the Law N° 447/2001 Coll. amended by the Act N° 66/2006 Coll. about packing and about the change of other laws JUTA a.s. provides its customers information about its product for issuing a "declaration of compliance with conditions for placing packaging on the market".

Product:
Fabric PP/PE

We declare that the packaging means by which we are a manufacturer, meets the requirements of Law N° 477 / 2001Coll. as amended by Act N° 66 / 2006 Coll. on packaging and on amendments to other laws:

- Weight and size of the particular product are tailored to the future filling. They secure a requirement to protect the content and safe handling with the packing.
- The concentration of hazardous substances in the packaging material does not exceed the limits of 100µg/g, according to the standard CSN EN 13695-1
- The clean packing means can be recycled upon removal of the filling
- The packing means can be energetically used after removing the filling; the heat of combustion is 44 to 48MJ / kg.

This product fulfils the requirements of European Parliament and Council Directive 94/62 / EC as amended by Directive of the European Parliament and Council Directive 2004/12 / EC.


Ing. Jiří Stuchlík
Quality Manager


Ing. Jan Čerovský
Technical Director

    JUTA a.s. - Dušová 417 544 01 Duř Králové nad Labem IČO: 4534187
základní úřad obce s rozšířenou působností a řádně vedená - vedená obcí, 000000000000000000

Declaration of absence of harmful substances

The manufacturer declares that their products and equipment are made with materials compliant with the current regulations regarding protection of health and the environment and does not contain substances classified as SVHC (Substance of Very High Concern) in accordance with Regulation EC 1907/2006 (REACH, or registration, evaluation, authorization and restriction of chemical substances).

Although in the working cycles of raw materials and our products such substances are not used, their presence in the size of p.p.m. (parts per million) cannot be excluded due to micro-pollution of raw materials.

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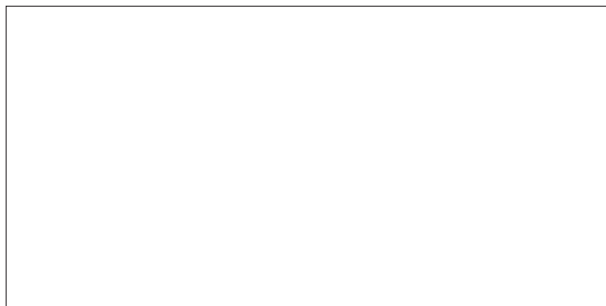
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