

# Centrometal

## HEATING TECHNIQUE

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**ENG**

## TECHNICAL INSTRUCTIONS

for installation, use and maintenance of  
pellet tank and screw feeder



CE

PELLET TANK / *CentroPelet box 800*

## 1.0. GENERAL INFORMATION

The pellet tank **CentroPelet box 800** are constructed for keeping and transporting **wood pellets**.

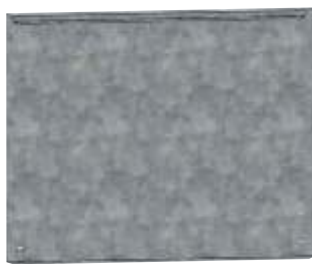
## 2.0. DELIVERY STATUS

The pellet tank is delivered in cardboard boxes. In cardboard box of pellet tank CentroPelet box 800 are parts for assembly (see point 2.1.)

## 2.1. CONTENT OF THE CENTROPELET BOX 800 CARDBOARD BOX



FRONT/BACK  
UPPER SIDE  
(2 pcs)



LEFT/RIGHT  
UPPER SIDE  
(2 pcs)



FRONT/BACK  
LOWER SLOPE  
(2 pcs)



RIGHT/LEFT  
LOWER SLOPE  
(2 pcs)



FRONT/BACK SIDE  
OF THE LOWER BOX



RIGHT SIDE OF THE  
LOWER BOX



LEFT SIDE OF THE  
LOWER BOX



LOWER L-PROFILE  
(4 pcs)



UPPER L-PROFILE  
(4 pcs)



WHEEL  
(4 pcs)



FLAP FOR  
EMPTYING



LEFT/RIGHT  
FLAP HOLDER



CONNECTING METAL SHEET FOR THE SCREW FEEDER ANGLE BRACKET



LOWER PART OF THE SCREW FEEDER BRACKET



SCREW FEEDER CLAMP



SCREW M6x20 mm WITH PAD AND NUT (85 pcs)



SCREW M6x35 mm WITH NUT (2 pcs)



SCREW M10x25 mm WITH NUT (16 pcs)



SCREW M5x15 mm WITH PAD (16 pcs)

### 3.0. TECHNICAL DATA

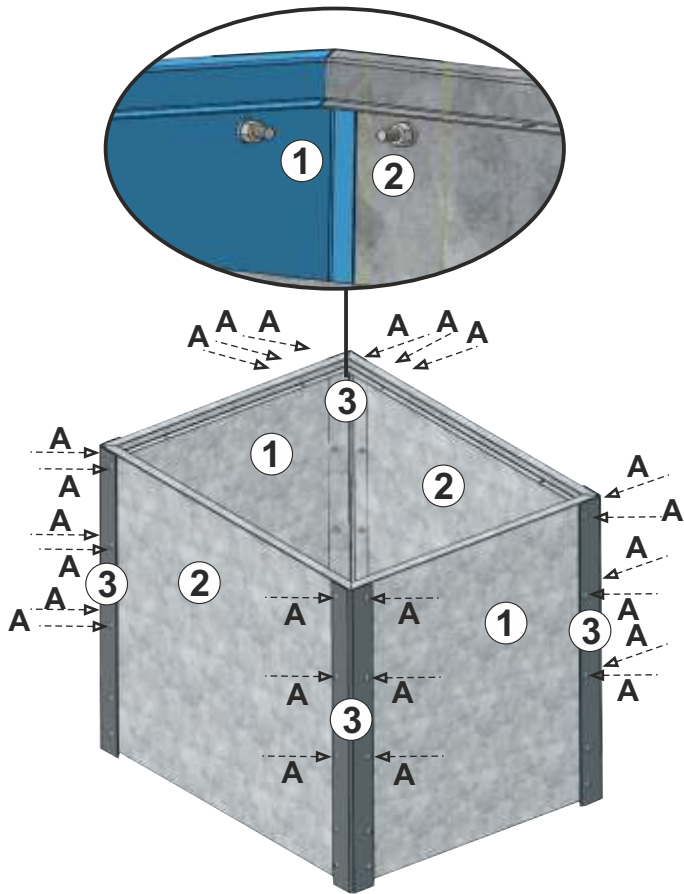
<b>PELLET TANK CentroPelet box 800</b>		
Volume	[lit.]	800
Capacity*	[kg]	cca. 530
Width	[mm]	625
Depth	[mm]	730
Height	[mm]	1585
Weight	[kg]	90

\* Depends on the pellet type


## 4.0. ASSEMBLY

The assemblage order of the pellet tank is shown in the following figure.

The bend of the front/back side (1) has to be inside as shown below.

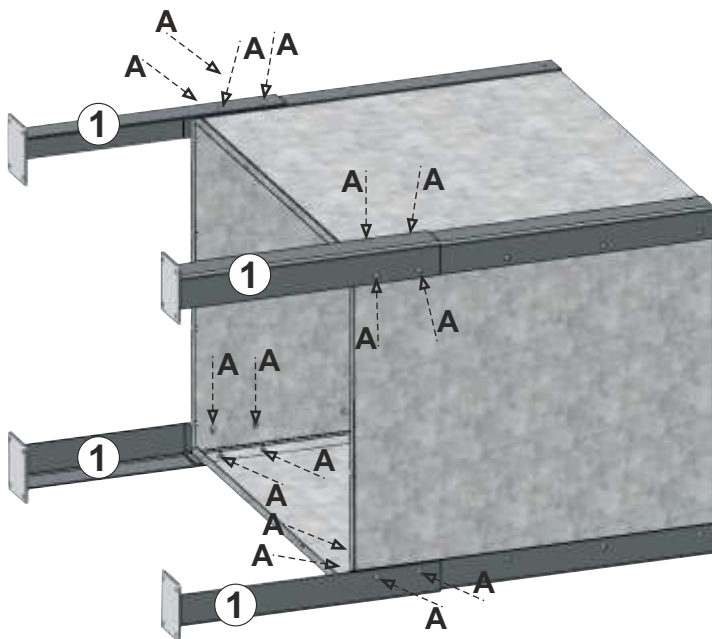


### 1. Assemblage of upper part of the pellet tank


A - screw M6x20 with pad and nut 24x 

1. front/back upper side
2. left/right upper side
3. upper L - profile

Place two by two upper sides and fix it on the upper L-profile with screws and nuts. The lower two holes will be tightened together later with lower L-profiles.

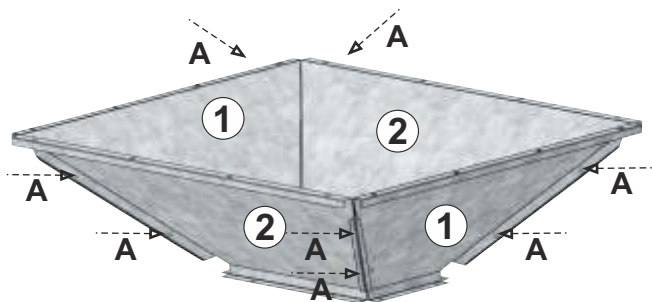


### 2. Connection of lower L-profiles

A - screw M6x20 with pad and nut 16x 

1. lower L - profile

Place lower L-profiles and fix it to prepared holes with screws.

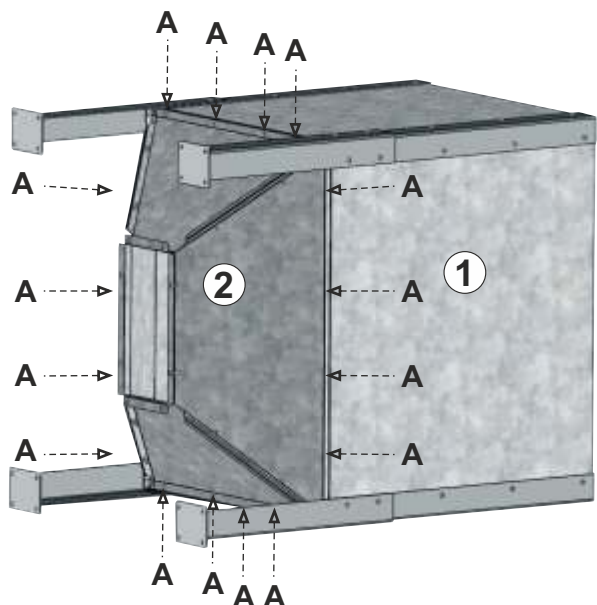


### 3. Assemblage of lower part of pellet tank (slope)

A - screw M6x20 with pad and nut 8x



1. front/back lower slope
2. right/left side of lower slope

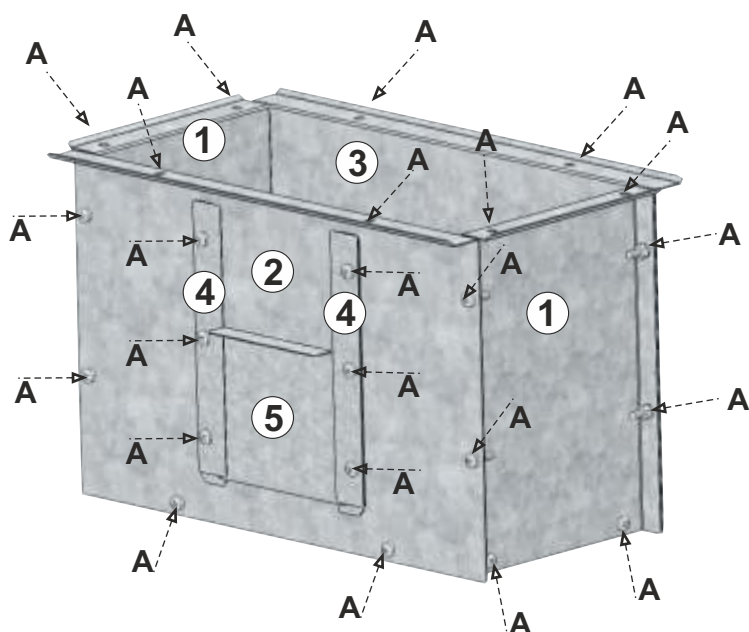


### 4. Connection of lower part of pellet tank (slope) with upper part

A - screw M5x15 with pad 16x



1. upper part of the pellet tank
2. lower part (slope) of the pellet tank

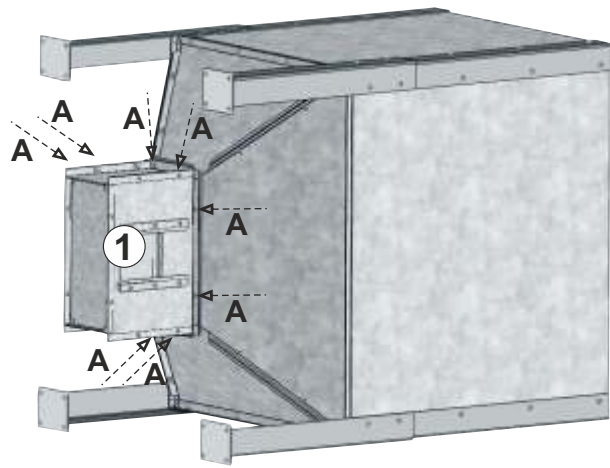


### 5. Assemblage of lower box of pellet tank

A - screw M6x20 with nut and pad 24x



1. front/back side of lower box
2. right side of lower box
3. left side of lower box
4. left/right flap holder
5. flap for emptying

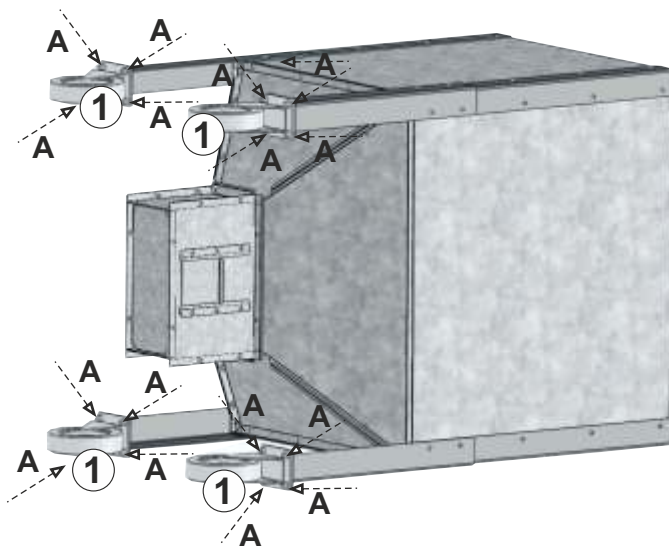


### 6. Connection of lower box with upper part of the pellet tank

A - screw M6x20 with pad and nut



1. lower box of pellet tank

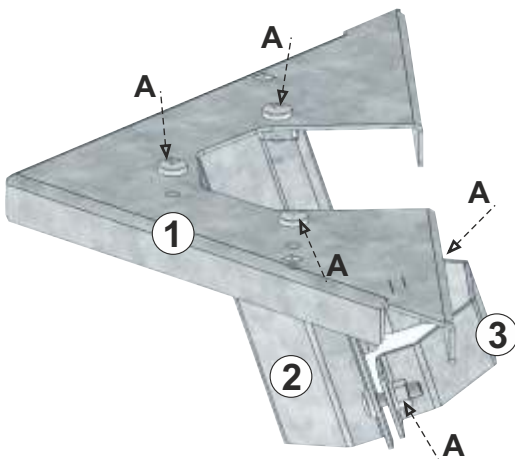


### 7. Wheels assembling

A - screw M10x25 with head and pad



1. wheel



### 8. Assemblage of the screw feeder angle bracket

A - screw M6x20 with head and pad



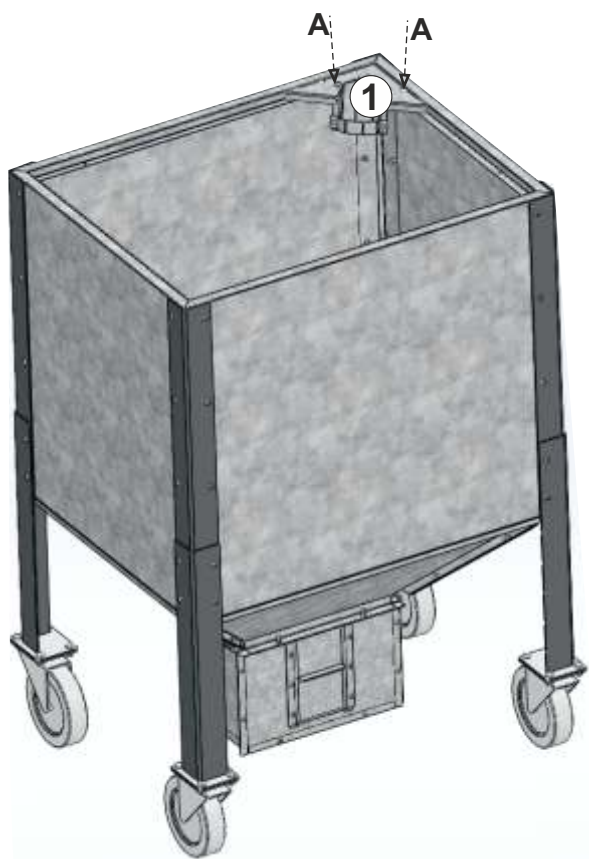
1. connecting metal sheet for the angle bracket  
 2. lower part of the angle bracket  
 3. angle bracket clamp (3a or 3b)



FOR SCREW FEEDER TUBE (200-600 W) -  $\Phi$  101



FOR SCREW FEEDER TUBE (90 W) -  $\Phi$  89



## 8. Assemblage of the angle bracket to the pellet tank

A - screw with nut  
M6x35mm

1. angle bracket



## 5.0. MAINTENANCE

Tank cleaning has to be done if necessary, e.i. when dust is accumulated on the bottom of the pellet tank. Before cleaning is necessary to open the lower door and the flap on the opening for cleaning. It is recommended to remove screw feeder (by releasing the plastic screws of the screw feeder bracket) and clean it. After the tank and screw feeder are cleaned it is necessary to set them up again.



Company assumes no responsibility for possible inaccuracies in this book originated typographical errors or rewriting, all the pictures and diagrams are principal and it is necessary to adjust each actual situation on the field, in any case the company reserves the right to enter their own products such modifications as considered necessary.

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