

INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

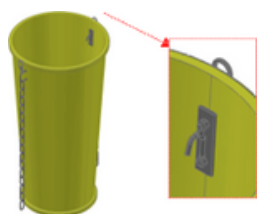
Debris chutes – equipment enabling the transport of debris directly to containers. It facilitates the removal of debris from floors where renovation works are carried out while ensuring maximum cleanliness. The elements of the construction chute are made of polyethylene with high impact strength and abrasion resistance. The system is characterized by high functionality and simple installation.

Detailed list of items:

Scheme

Name

No. catalogue



Basic segment for winch

E136500



Basic segment

E136501



Intake segment

E136502



Reinforced segment

E136503



Bearing structure

E136504



MOSTOSTAL
SCAFFOLDING
FORMWORK

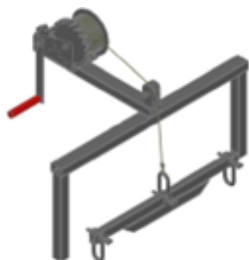
ALTRAD-MOSTOSTAL SPÓŁKA ZO.O.
Starzyńskiego 1, 08-110 Siedlce - PL
tel. +48 25 644 82 93 - tel. +48 25 644 72 84
www.altrad-mostostal.pl

INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

Scheme

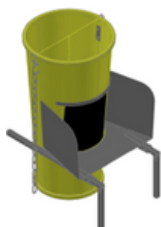
Name

No. catalogue



Installation winch

E136505



Intermediate segment

E136506



Reinforcing insert

E136507

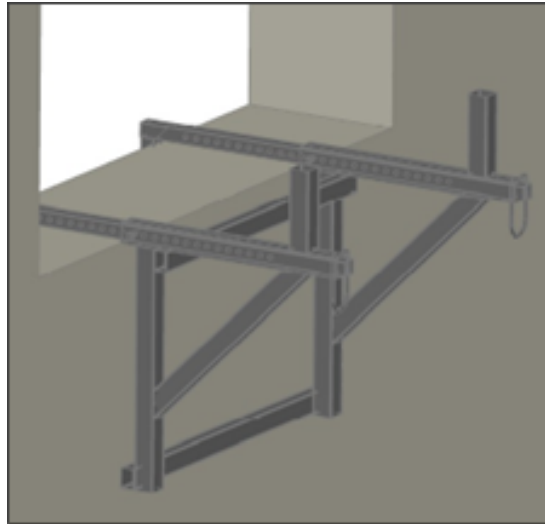
Sealing band

E136509

INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

Installation stages:

1. Attach the bearing structure. Set the length of the hooks depending on the wall thickness and then lock the arm with screws.



2. Attach the winch and lower the crossbar. Ensure tension in the winch rope by attaching additional load.

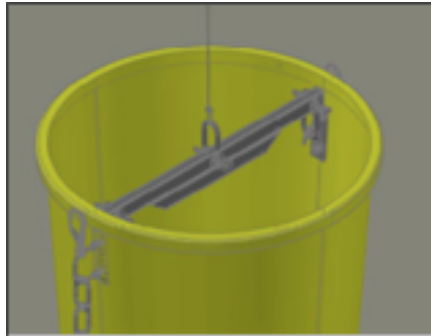


MOSTOSTAL
SCAFFOLDING
FORMWORK

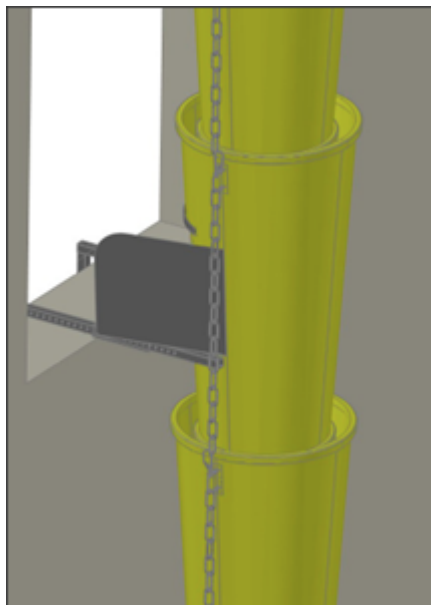
ALTRAD-MOSTOSTAL SPÓŁKA Z O.O.
Starzyńskiego 1, 08-110 Siedlce - PL
tel. +48 25 644 82 93 - tel. +48 25 644 72 84
www.altrad-mostostal.pl

INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

3. Attach the basic segment to the lowered winch crossbar using hooks.

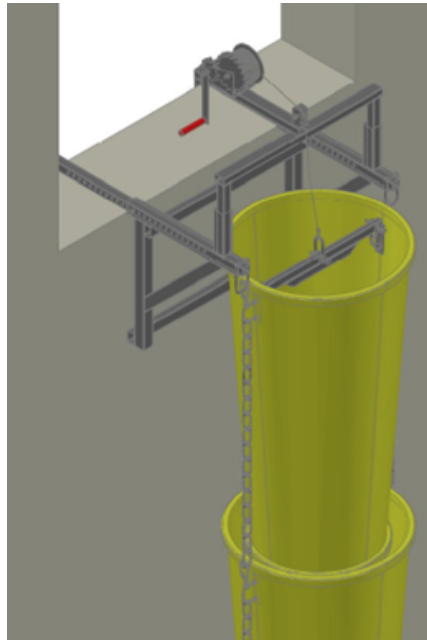


4. Pull in the first segment and attach the others one by one. Take into account the need to attach an intermediate segment. Set the position of the intermediate segment by adjusting the chain length.

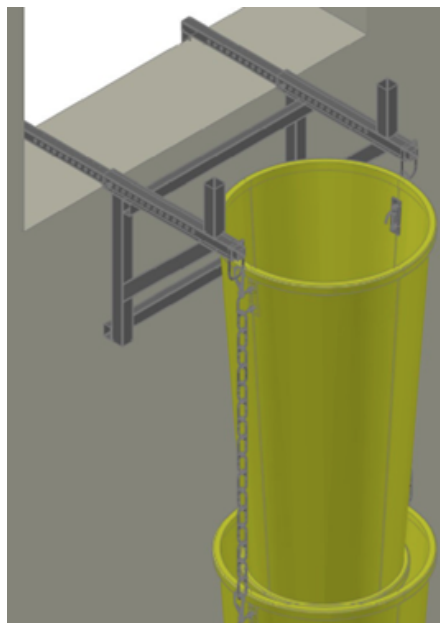


INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

5. After pulling in all the segments, use carabiners to attach the entire chute string to the bearing structure.

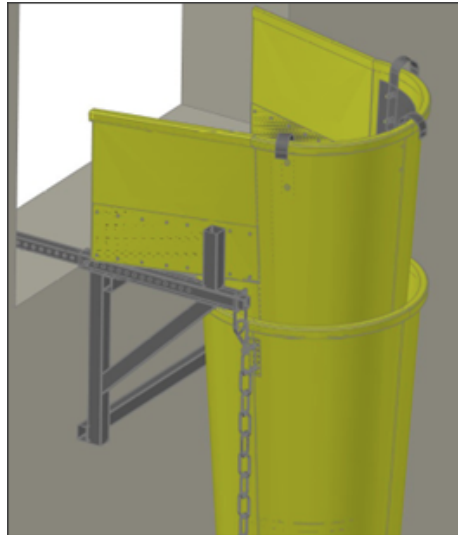


6. Dismantle the winch.



INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

7. Place the intake segment equipped with the reinforcing insert in the highest segment.



8. If it is necessary to limit the escape of dust in the places where the segments are joined, use material sealing bands.

Conditions for safe use of construction debris chute.

General regulations:

1. The length of the chute suspended on one bearing structure cannot exceed:
-20 m if only basic segments are used
-15 m if more than two intermediate segments or reinforcing inserts are used.
2. A chute tilted away from the plane of the wall must be equipped with reinforcing inserts on its curved part.
3. The lower segment of the chute longer than 15 m must be equipped with a reinforcing insert to avoid damage to the last element. It is forbidden to hang the chute in any other way than on the bearing structure!

INSTALLATION AND USE MANUAL OF CONSTRUCTION CHUTES

4. The bearing structure is adapted to be installed in a window. Pay attention to the strength of the window wall. Other methods of installation the bearing structure are allowed, e.g. in holes in the ceiling.

The manufacturer leaves the choice of the chute mounting location to the construction manager and is not responsible for the consequences of incorrect decisions, e.g. the chute detaching along with a fragment of the wall. In case of doubt, please contact the manufacturer.

5. As additional equipment for the chute, a winch is used to suspend the chute segments on the bearing structure. Do not load the winch beyond the number of elements (lengths) specified in point 1.

The winch is not used to hold the chute during operation.

The winch must not be used for purposes other than assembly and disassembly of the chute.

6. When installing the chute, pay special attention to elements protruding from the wall, such as cornices or window sills. The edges of the segments may catch on building elements, which may result in the winch rope breaking.

7. It is possible to install chutes longer than 20 m, but in such cases additional bearing structures must be used. A maximum of 20 m of chute can be installed on one bearing structure. The total length of the chute should not exceed 60 m.

8. Always use the intake segment.

9. The technical condition of chains and elements connecting individual parts should be checked daily. Damaged or lost parts should only be replaced with original parts specified by the manufacturer.

10. The use of the chute should be limited at temperatures below -10°C. Do not use chutes at temperatures below -15°C.

11. The maximum size of elements transported via the chute should never exceed 35 cm. Narrow and long elements should not be transported through a chute due to the high probability of getting stuck inside.

The manufacturer takes responsibility for the safety of use and durability of the chute elements, provided that the above rules and the information contained in the chute assembly instructions are strictly observed.