



# TRUCK TRACK ELEMENTS

## 1. BOX TRUCK

### Description:

The truck track is designed for loading and unloading tasks, as well as the transport of carcasses or meat hooks. This installation supposes solutions adapted to each type of client, offering the possibility of connecting the tracks or rails of the truck to the slaughterhouses, cutting rooms or processing facilities through hydraulic arms. These arms can be included in the installation. Facilitating the loading and unloading tasks, the arms are connected to the truck's battery, making the set a very versatile piece of equipment.



### Technical data:

- Headboard developed with twin track in extruded aluminum of 6063 alloy with T-5 temper treatment. The headboard can be 2, 3, 4 or 5 way
- Airway profile made of extruded 6063 alloy aluminum with T - 5 tempered treatments
- Moment of inertia of the double rail track equal to 46.44 cm<sup>4</sup>
- Section of the track designed for the assembly of the elements necessary to secure it.
- Fastening the track to the support structure beam by a cast aluminum saddle (or track hangers), whose breaking strength obtained by mechanical testing has a minimum value of 2,240 Kg.
- AISI-304 stainless steel screws
- Needles to change direction in stainless steel headboard
- Two coupling pieces to the connection arm of the installation

### Legal requirements:

- Screws according to DIN standards.
- Dimensional tolerances of the track profile according to the UNE 30.0 standard.
- T-5 tempering treatment of the track profile according to the UNE-EN-755-2: 1998 standard.
- Alloy of saddles according to UNE 38252 1st revision

The headboard includes:

- Needle for direction changes
- 2 pieces of coupling to the connection arm to the installation
- Track Hangers (placed every 600 mm)
- Brake devices on each saddle (track hanger)
  - Device made of aluminum.
  - It is arranged on the hangers, attached to them by stainless hardware. A brake per hanger is available on straight sections of track.
  - Its function is to retain the carts from which the carcasses hang to avoid displacement and knocks on the beginning or end of the road, thus avoiding possible accidents and a more stable driving of the truck.
  - Simple and fast operation.





