

**HARDOX®**  
IN MY BODY

MY INNER +  
**STRENX®**







HALF-PIPE TIPPER

## 18 m<sup>3</sup> Half-Pipe Type **TIPPER TRAILER**

Its compact size offers high maneuverability in tight spaces, while its durable construction ensures long-lasting use.



## GENERAL DIMENSIONS

|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Body Volume         | : 18 m <sup>3</sup> (+2 m <sup>3</sup> disassembled additional option) |
| Overall Length      | : 8350 mm                                                              |
| Loading Area Length | : 6800 mm                                                              |
| Body Height         | : 1200 mm                                                              |
| Overall Width       | : Maximum 2550 mm                                                      |
| Wheelbase           | : 4880 mm                                                              |

## BODY

|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Body Specifications | : SSAB brand HARDOX 450 – 500 TUF high-strength, wear- and impact-resistant steel plates with thicknesses ranging from 3mm to 12mm are used. |
| Tailgate System     | : Mechanical, Hydraulic, or Hydromechanical Tailgate System                                                                                  |

## CHASSIS

|                           |                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Longeron (I Beam Section) | : Mirror sheet 3–8 mm / top and bottom plates 6–12 mm STREX S700MC (SSAB) flexible and high-strength sheets are manufactured using fully automated submerged arc welding technology.       |
| Bumper                    | : Standard folding bumper compatible with asphalt finishers                                                                                                                                |
| King Pin                  | : ECE R55 regulation compliant 2" or 3" Removable bolt-connected flanged king-pin                                                                                                          |
| Landing Gear              | : Double-speed telescopic landing gear with transmission, compliant with ISO 1726 and ISO 1726-2 standards, with a dynamic load capacity of 24 tons and a static load capacity of 50 tons. |
| Side Protection           | : Side protection with type approval certificate compliant with ECE R73 Regulation                                                                                                         |

## RUNNING GEAR

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Axles             | : Imported 3x9 ton capacity or local brand 3x12 ton capacity axle (drum or disc)   |
| Tire / Rim        | : 6 pcs tires + 1 pcs spare tire, size 385/65 R22.5 / 7 pcs steel or aluminum rims |
| Axle Lifting      | : Automatic 1st Axle Lift (Single Axle)                                            |
| Suspension System | : Air Suspension Axle System                                                       |

## BRAKE SYSTEM

|                       |                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| EBS Modulator         | : Electro-pneumatic EBS 2S/2M braking system compliant with UN ECE R13 regulations and featuring an anti-lock braking system (ABS) (WABCO or KNORR) |
| Brake Chambers        | : 4 pcs emergency brake chambers (30/30) and 2 pcs service brake chambers (30)                                                                      |
| Brake Slack Adjusters | : HALDEX or SAF brand Automatic Brake Slack Adjusters                                                                                               |

## HYDRAULIC SYSTEM

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lifting Cylinder   | : A Hidromas or HYVA brand telescopic cylinder with a minimum lifting angle of 45° is used. When the piston reaches the final stage, a bypass system is applied to prevent strain. |
| Oil Tank and Hoses | : Hydromas or HVYA brand oil tank with oil gauge and oil filter, high-pressure resistant hydraulic hoses.                                                                          |

## OTHER FEATURES

|                           |                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical System         | : Aspöck Europoint III or SABA brand lighting system with 24 V LED side position lamps, equipped with 2 x 7 and 1 x 15 pin sockets, compliant with UN ECE R48 regulation and ADR legislation                      |
| Accessories               | : Sliding or Handle pneumatic tarpaulin system / 30-liter Plastic Water Tank / Plastic Tool Box / Spare Tire Carrier / Wheel Chock / Fire Extinguisher Box / Rear Work Light (optional) / Required Warning Labels |
| Sandblasting and Painting | : SA2.5 standard steel blasting/Epoxy primer and Double coat fully acrylic oven paint                                                                                                                             |





