

HARDOX®
IN MY BODY

MY INNER +
STRENX®





HALF-PIPE TIPPER

20 m³ Half-Pipe Type **TIPPER TRAILER**

It is manufactured with a medium-capacity design for balanced load distribution and safe transport performance.



GENERAL DIMENSIONS

Body Volume	: 20 m ³ (+2 m ³ disassembled additional option)
Overall Length	: 8350 mm
Loading Area Length	: 6800 mm
Body Height	: 1330 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
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	: 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



