

HARDOX®
IN MY BODY

MY INNER +
STRENX®

NUKTE TRAILER





HALF-PIPE TIPPER

Mechanical Suspension **HALF-PIPE TIPPER**

Specially designed for demanding load conditions with its robust construction, large capacity and sturdy mechanical suspension system.



GENERAL DIMENSIONS

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| Body Volume | : 30m ³ (+2 m3 disassembled additional option) |
| Overall Length | : 9875 mm |
| Loading Area Length | : 8150 mm |
| Body Height | : 1700 mm |
| Overall Width | : Maximum 2550 mm |
| Wheelbase | : 5725 mm |

BODY

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| 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

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| Longeron (I Beam Section) | : Mirror sheet 3–8 mm / top and bottom plates 6–12 mm STRENX 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

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| Axles | : Imported 3x12 Ton Capacity or Local Brand 3x12 Ton Capacity Mechanical Leaf Spring Axle |
| Tire / Rim | : 12 pcs tires + 1 pcs spare tire, size 315/80 R22.5 / 13 pcs steel or aluminum rims |
| Axle Lifting | : N.A. |
| Suspension System | : Mechanical Suspension (Leaf Spring) |

BRAKE SYSTEM

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| 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

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| 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

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| 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 |



