

## SCRAP MASTER - A RELIABLE PARTNER FOR TRANSPORTING SCRAP METAL

Wielton's **Scrap Master** tipper with a steel cargo box dedicated to scrap metal transportation was designed to work in the toughest conditions. Made of HARDOX 500TUF steel, the cargo box walls, floor and top flange are characterized by high strength and durability. The Scrap Master features a stringerless and ridgeless box design with an internal height of 2,250 mm and a 20-degree sloping front wall. The top edge of the box and the side wall is one sheet of 4mm thick HARDOX HB500TUF. The shape of and the type of top flange ensures excellent rigidity of the cargo box, confirmed by FEA calculations.

A 5mm thick floor is available as standard equipment. The use of wear-resistant materials in the construction ensures that the vehicle can withstand loads with irregular, sharp edges. Large volume of the cargo box, up to 62m<sup>3</sup> and 12.1 m long floor are perfect for transporting metals of various dimensions and shapes.

The frame structure has been designed and manufactured in such a way that the cargo box adheres to the frame along its entire length. The revised shape of the frame chords (V-type) and the reconstruction of the pivot axle made it possible to lower the height of the box below the standard level of square boxes, and thus lower its center of gravity. The chassis frame of the Scrap Master tipper is made of lightweight yet high-strength S700 steel. The durability of the vehicle is ensured, among other things, by the wear-resistant materials used or the high-quality anticorrosive paint coating applied to the vehicle frame using cathodoporesis technology (KTL).

The solutions used in the Scrap Master, such as the mass-optimized work platform, double steel support legs, side tilt signal, reversing signal or the control cable for the lift axle from the driver's cab, ensure the safety of transporting and operating the vehicle in all conditions. The rear portal of the dump body can be equipped with a newly designed symmetrical double door, without a rear tie bar (which makes unloading easier), or a hydraulic flap.

Depending on the needs, the customer has the option of choosing a rear portal or hydraulic cylinder with top mount or short-cover type. The tipper from the Wieluń-based manufacturer can be configured in many ways thanks to a range of optional equipment. The solutions used in Scrap Master have been based on functionality, reliability and the highest standards of safety during daily use.

Scrap Master can be viewed during NUFAM 2023 at Wielton's outdoor booth.