

XMOR 21.5 m³ MINING TIPPER

TIPPER BODY MADE IN HARDOX® WEAR PLATE

PRODUCT SPECIFICATION

Tipper body made in Hardox 450 for the mining industry and overburden transport

Volume & Weight		
	Water filled	17.4 m ³
	Heaped	21.5 m ³
	Weight tipper body	5000 kg
	Payload maximum	38700 kg
Dimensions*		
	Length total	8736 mm
	Length floor	6008 mm
	Width inner	2288 mm
	Width outer	2518 mm
	Height inner	1345 mm
	Height incl. canopy	2470 mm
	Chute angle	11 deg.
	Tipping angle	50 deg.
Material selection		
	Front	Hardox 450, 6 mm
	Side	Hardox 450, 6 mm
	Bottom	Hardox 450, 10 mm
	Chute	Hardox 450, 10 mm
	Liner plates	Hardox 450, 6 and 10 mm
	Canopy	Hardox 450, 6 mm BSK46, 4 mm BSK46, 6 mm
	Pivot beam	S355, 16 mm
	Rear beam	Hardox 450, 6 mm
	Side skirts	BSK46, 4 mm
	Pivot bracket	S355, 10 mm
	Top line	Hardox 450, 6 mm
	Cylinder beams	S355, 8 mm
	RUPD	S355, 6 mm round tube
	Saddle plate	Hardox 450, 10 mm
	Tailgate	Hardox, 6 mm
	Tailgate beams	Strenx, 4 mm
	Tailgate arm/ Tailgate hooks	Strenx, 16 mm
	Tailgate pivot bracket	Strenx, 6 mm
	Cable bracket	S355, 8 mm
	Subframematerial	S355, 8 mm

*Shown in detailed drawing view Figure 1 and Figure 2, page 4.

Subframe interface		
	Bolted solution	10 bolted joints/side <ul style="list-style-type: none"> • Hex head bolt 10.9 M16x80 • 2pcs Nord-Lock washer NL16 t=3.4 • Spacer 10 mm, Hardox 450 • Hex Nut CL.10 M16 • Hex Nut, Thin
Accessories		
	Choke-holder	1 pcs
	Mud flaps <small>rear</small>	1 pcs/side
	Side skirts	1 pcs/side
	Side skirt brackets/Stiffeners	5 pcs/side
	Mud guard <small>2nd wheel pair</small>	1 pcs/side
	Steps inside	3 pcs
	Spare wheel holder	1 pcs
	Drain holes <small>bottom plate</small>	3 pcs
	RUPD	Local adaption
	Supporting rod brackets	1 pcs/side
	Canopy lamps	1 pcs/side
	Rear lamps	1 pcs/side
	Side marker lamps	3 pcs/side
	Reflective tape **	<ul style="list-style-type: none"> • Back side rear beam • Along the side • Canopy-Tipper side connection position
	Lifting lugs	2 pcs front, 2 pcs rear
	Ladder	1 pcs, left side
	Mechanical body clamp	1 pcs
	Guiding brackets	1 pcs/side
	Cable	1 pcs/side

**Shown in detailed drawing view Figure 3, page 4.

Design features		
	Canopy design	Ridge
	Tipper body	U-shape
	Top line	V-shape
Cylinder		
	Type	Front-end cylinder with eye
	Height cylinder attachment*	1712 mm

*Shown in detailed drawing view Figure 1 and Figure 2, page 4.

Figure 1. Tipper body side view

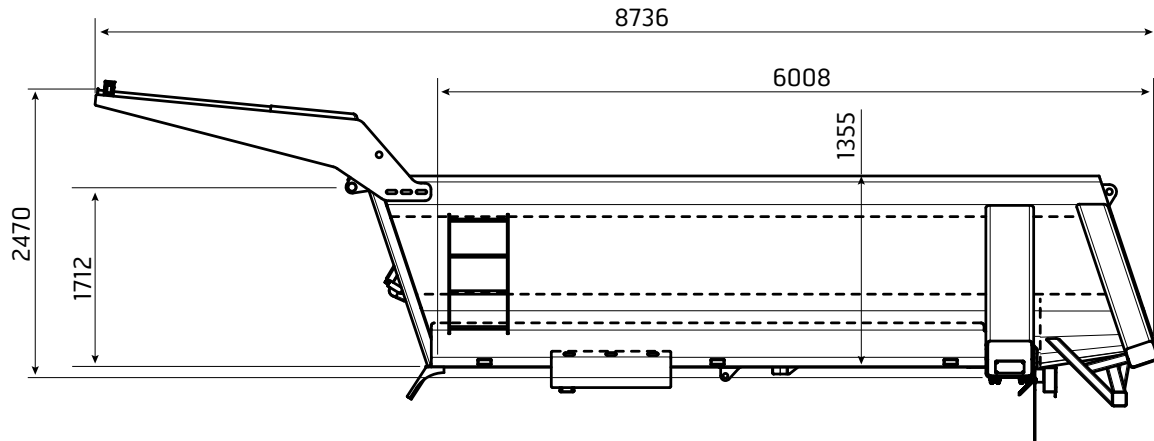


Figure 2. Tipper body rear view

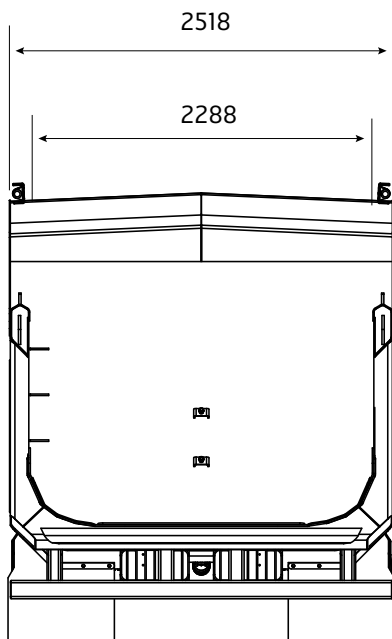


Figure 3. Reflective tape on the Tipper body

- Length Amber reflective tape = 13.25 m
- Length Red reflective tape = 5.2 m

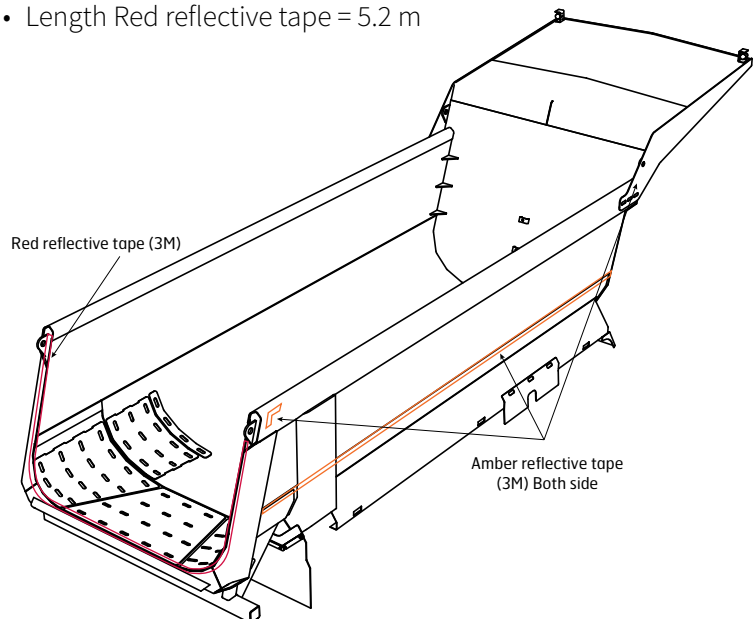


Figure 4. Sub frame top view

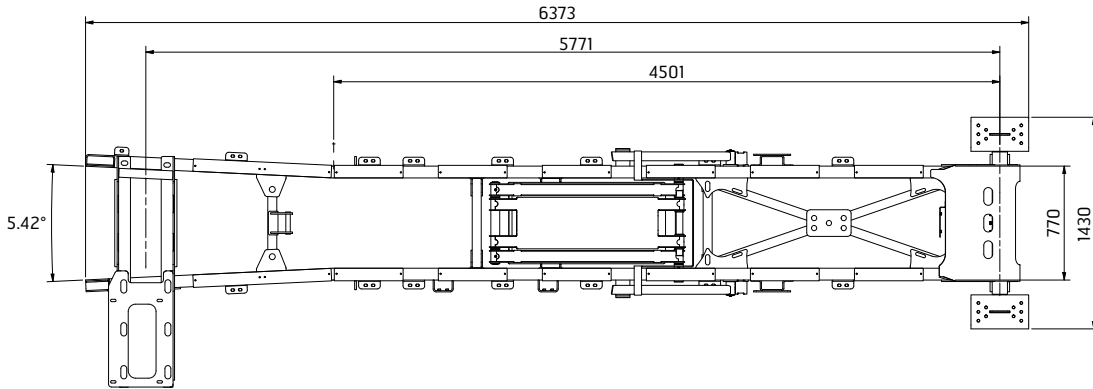


Figure 5. Sub frame side view

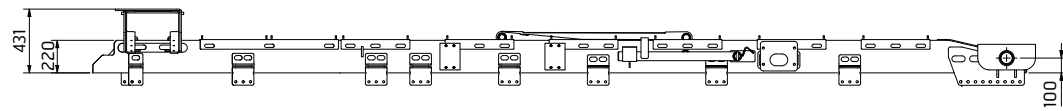
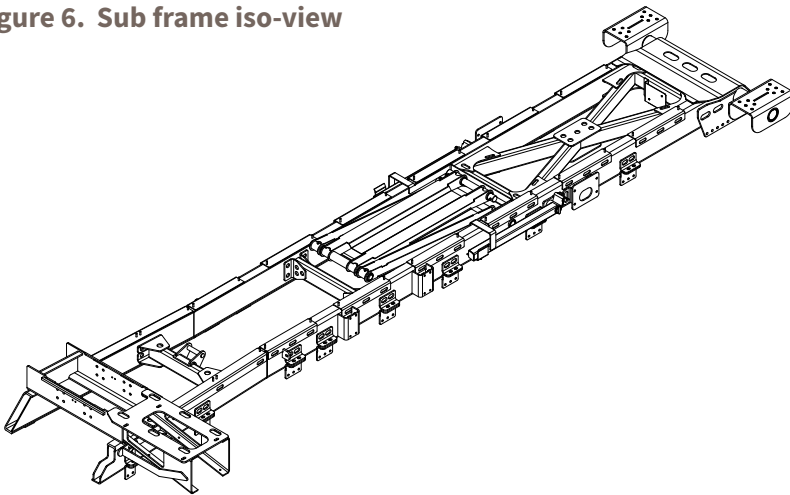


Figure 6. Sub frame iso-view





With the objective to change the mind-set of the earth-moving industry, XMOR™ provide premium products with unique and innovative designs to revolutionize excavation, loading and hauling. XMOR™ delivers the most productive products in the mining and earth moving industry that take full advantage of the latest Hardox materials. The combination of using the world's best steels, with optimized design and the highest quality production processes, makes it possible to reduce weight and offer larger products with higher payloads than their counterparts; increasing the productivity of your assets and reducing your cost per ton. In short, with XMOR you can expect more in less time.

XMOR™ buckets and bodies can be fitted to virtually any OEM equipment, which means you can swap out existing buckets and bodies and start saving immediately. Or if buying new equipment you can in many cases go down one machine size and still produce as much as earlier. XMOR™ products are made available globally by carefully selected and highly qualified licensed partners with extensive experience.

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