



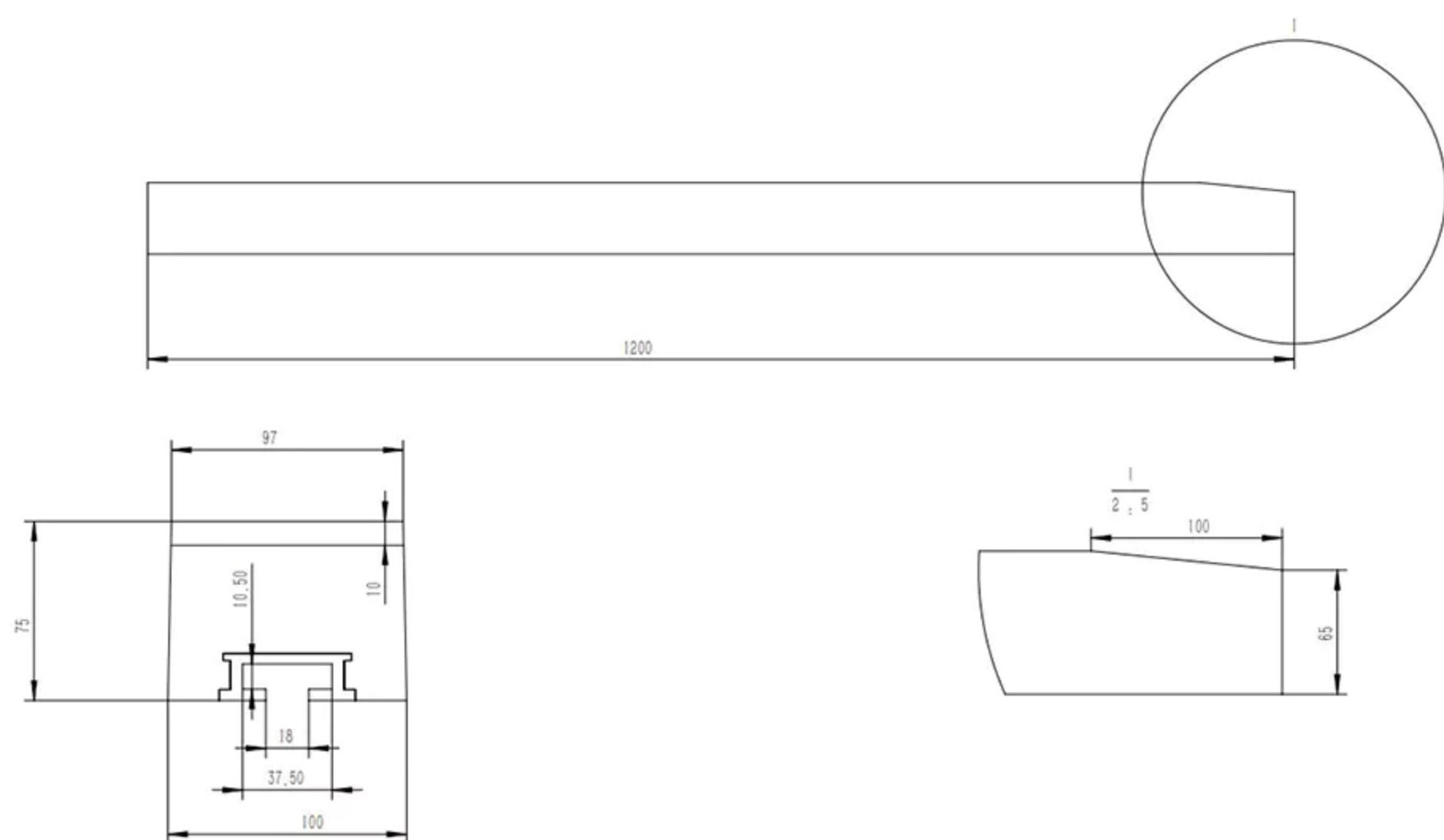
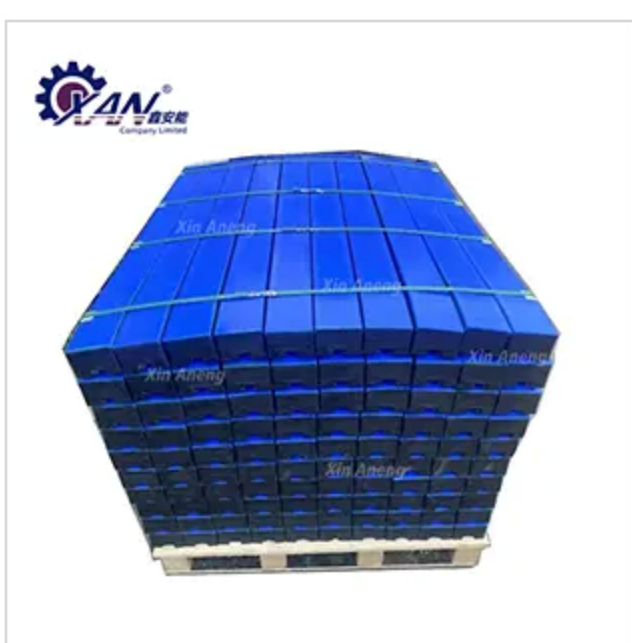
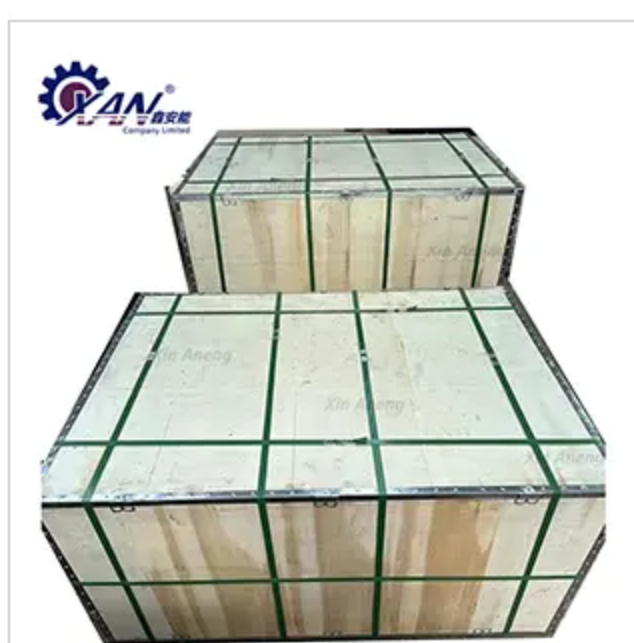
## Impact Bar Bed

The Impact Bar Bed is a component or structure designed to absorb and mitigate the force of an impact. It is commonly used in various applications to protect against damage or to enhance safety for conveyor system , improves the efficiency of the conveyor system and reduces maintenance cost. Impact Bar is made of three parts.

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### Product Description



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- Top is UHMWPE, which is significantly reduces the friction force, decreases the conveyor belt's heat, and protects the belt for longer service life.
- Middle is high Elastic rubber ,which absorbs maximum impact to protect the conveyor belt.
- Bottom is "T-Slot" extruded metal frame allows for the purpose of fitting T bolts along the entire length of the bar.

### Technical Specification of Impact Bar Bed

Item			
UHMWPE	Colour		Blue red black
	Tensile Strength	Mpa	23
	Elongation @ Break	%	300
	Hardness	Shore D	60-70
	Abrasion Loss		0.053
	Density	g/cm <sup>3</sup>	0.93-0.94
	Coefficient of Friction		0.07
Rubber	Hardness	Shore A	60-65
	Tensile Strength	Mpa	19
	Elongation @ Break	%	400
Metal Frame	Type	See Image Below	
Adhesion Strength	UHMWPE to Rubber	N/mm	≥10
	Rubber to Metal Frame	N/mm	≥10

Length A(mm)	Width B(mm)	Height H(mm)	Thickness H2(mm)
1220	100	50-100	12.7/15
1400	100	50-100	12.7/15
1524	100	50-100	12.7/15
1600	100	50/75/100	12.7/15
1800	100	50/75/100	12.7/15