



# Geotech Solutions International Pvt. Ltd.

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## TRUMER TS-1000-ZD SYSTEM®

Classification	
Model	TS-1000-ZD mod.04
Style	Hinged System
Energy Class	3
Maximum Energy Level	1000KJ
Service Energy Level	
Approved Height (m)	4.0-6.0
Verification	Full Scale Tested
Certification	WLV Certified

Ropes	
Bearing (mm/pcs)	20/2
Middle (mm/pcs)	16/2
Retaining (mm/pcs)	16/2

Test report	
Report Number	0104
Test Height (m)	4.0
Max. Elongation (m)	6.29
Residual Height Cat.	A ( $\geq 50\%$ )
<b>Net Type</b>	Omega-Nets (9.0/185)
<b>Tested Post Type</b>	HEA 180
Corrosion Protection	Zn or ZnAl, Class A

Forces	
Lateral Anchor (KN)	149
Retaining Anchor (KN)	134
Base Plate (KN)	149



**Material Cost:** **Superstructure cost** (includes Internal anchoring, Base plates, Posts, Omega nets, Ropes, Brake Elements, Wire Rope Clips, Shackles) and **Substructure cost** (includes anchors of Base Plates and Ropes, Screwable eyelet frames, Hex nuts and Washer etc.).

Particulars	Height=4m	Height=5m	Height=6m
Superstructure Cost/meter	Rs.58784.00	Rs.73480.00	Rs.88176.00
Substructure Cost/meter	Rs.12246.67	Rs.15308.33	Rs.18370.00

**Additional Gully nets cost** = Rs. 6,745.46 per square meter. (As per site condition).

**Helicopter Chain cost** = Rs 4232.45 per piece. (Need as per required)

\*The above cost excludes all the Shipping costs, Custom Duties, Taxes, VAT and freight costs.

**Civil Construction Cost:** The Civil Construction Cost will be as per site specific condition depending upon terrain, location and local resources availability.

