



# Geotech Solutions International Pvt. Ltd.

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## TRUMER TS-3000-ZD SYSTEM®

| Classification       |                   |
|----------------------|-------------------|
| Model                | TS-3000-ZD        |
| Style                | Hinged System     |
| Energy Class         | 6                 |
| Maximum Energy Level | 3000KJ            |
| Service Energy Level | 1000KJ            |
| Approved Height (m)  | 5.0-7.5           |
| Verification         | Full Scale Tested |
| Certification        | WLV Certified     |

| Ropes              |      |
|--------------------|------|
| Bearing (mm/pcs)   | 24/2 |
| Middle (mm/pcs)    | 22/4 |
| Retaining (mm/pcs) | 24/2 |

| Test report             |                      |
|-------------------------|----------------------|
| Report Number           | 0207                 |
| Test Height (m)         | 5.0                  |
| Max. Elongation (m)     | 7.93                 |
| Residual Height Cat.    | A ( $\geq 50\%$ )    |
| <b>Net Type</b>         | Omega-Nets (9.0/185) |
| <b>Tested Post Type</b> | HEA 300              |
| Corrosion Protection    | Zn or ZnAl, Class A  |

| Forces                |     |
|-----------------------|-----|
| Lateral Anchor (KN)   | 245 |
| Retaining Anchor (KN) | 293 |
| Base Plate (KN)       | 270 |



**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=5m   | Height=6m   | Height=7m    |
|---------------------------|-------------|-------------|--------------|
| Superstructure Cost/meter | Rs.82192.63 | Rs.98631.15 | Rs.115069.68 |
| Substructure Cost/meter   | Rs.11336.91 | Rs.13604.30 | Rs.15871.68  |

**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.

