

PRODUCT : TOWER HARNESS
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CONFORMING TO EN 361: 2002,
EN 358:1999 & EN 813:2008



1	PHYSICAL PARAMETERS	GENERAL		<ul style="list-style-type: none"> • One dorsal D-ring for fall arrest. • One chest attachment (sternal) D-ring for fall arrest. • One ventral D-ring at abdomen for rope access. • Two lateral D-Rings at waist for work positioning. • Adjustable shoulder, thigh straps & waist belt. • The shoulder, waist & the thigh straps are provided with a soft padding for best possible comfort.
			WEIGHT	2000 gm ± 10 gm
2	TEXTILE COMPONENTS	WEBBING	MATERIAL	Polyester
			WIDTH	44 ± 1mm
			BREAKING STRENGTH	23 kN (Min.)
		STITCHING THREAD	MATERIAL	High-tenacity polyester.
			COLOUR	Black & Green (Contrasting colour to facilitate visual inspection).
3	METALLIC ASSEMBLY		MATERIAL	High Strength Steel.
			PLATING	Zinc Plated.
			FINISH	Deburred and polished.
4	VITAL TEST COMPLIANCE	STATIC STRENGTH	HARNESS	Tested at each attachment element with a force of 15 kN applied to the Torso Dummy for 3 min.
			WORK POSITIONING	LATERAL D-RINGS: Sustains a force of 15 kN or 1530 kgf for 3 minutes at each lateral element.

		DYNAMIC PERFORMANCE	HARNESSES	<p>When tested at each Fall Arrest Attachment element with a torso dummy of 100 Kg mass, the full body harness withstands drop tests with an adjusted Free fall distance of 4 mtr.</p> <p>Fall distance of 4 m, without releasing the torso dummy. (One drop-test with torso dummy feet first, and one drop test with torso dummy head first.) After each Drop-test, the torso dummy is arrested in a Head-Up position, and angle between the longitudinal axis of the dorsal plane of the torso dummy and the vertical is less than 50 degrees.</p>
			WORK POSITIONING	<p>LATERAL D-RINGS:- The Harness sustains a free fall from 1 meter height donned to the test dummy at each attachment, and does not allow the dummy to be released.</p>