

TECHNICAL DATA SHEET

PRODUCT : FULL BODY HARNESS
REF. NO. : T-REX-02

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CONFORMING TO EN 361:2002



Physical Parameters	General	Attachment Elements	- One dorsal D-ring (Aluminum) for Fall Arrest. - Two ideally positioned chest attachment textile loops for Fall Arrest. - Two lateral D-Rings for Work Positioning. - Work positioning belt incorporated. - Fully Adjustable shoulder, thigh & waist straps. - Adjustable Chest Strap with Automatic Buckle. - Shoulder straps have combination buckles & thigh straps are provided with Automatic buckles for easy adjustment. Two tool holder loops at the back. - Lanyard Keepers on shoulder straps have been provided for easy placement of free lanyards. - Equipped with lightweight aluminum D-Ring to facilitate maximum comfort. - D-Ring with BEND for easy accessibility to the user during positioning at all times. - Ideally positioned sit strap for extended comfort. - Specially cushioned Shoulder and Thigh pads has been used for better shock absorption & comfort of the user.
		Adaptability	
		Convenience	
		Ergonomics	
		Weight	2210 gm $\pm$ 10 gm

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Textile Components	Webbing	Material Width Breaking Strength	Polyester 44 mm $\pm$ 1 mm 23kN (For Harness) 30kN (For W.P Belt)
	Stitching Thread	Material Colour	High-tenacity polyester Yellow & Black (Contrasting colour to facilitate visual inspection)
	Comfort Padding	Material Colour	Broad Shoulder X-pad made of soft cushioned foam, lined with non-skin-irritant net material Yellow
Metallic Assembly		Material Plating Finish	High Strength Steel/(D-Ring in Aluminum Alloy) Zinc plated/ Natural silver/ Coloured. Black power coted (coated)/ Anodized
Vital Test Compliance	Static Strength	Harness Work Positioning Belt	The harness was not released the torso dummy when subject to force of 15 kN in the direction of the neck and 10 kN in the direction of legs. Both force to be applied for 3 minutes. 15kN sustained for 3 minutes without release of the test cylinder
	Dynamic Performance	Conformity Work Positioning Belt	The harness was not released the torso dummy when subject to two successive 4 meter drop tests (one with torso dummy feet first and one with torso dummy head first) after each drop test torso dummy to be in head up position at an angle of less than 50° to the vertical 100 kg test dummy arrested following 1 meter freefall