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# ToughWorks Harness Range

## 1100 ERGO ToughWorks

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### Designation: Full body harness

- Rear fall arrest D
- Front fall arrest D
- Confined space attachment loops
- Fully adjustable leg and shoulder straps
- Fully padded leg and shoulder straps
- Suspension trauma relief straps

### Suitable for:

Fall arrest, confined space entry, roof work, ladder systems, elevated work platforms, maintenance, construction etc

Code: 1100 PVC



## 1107 ERGO ToughWorks

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### Designation: Full body harness

- Rear fall arrest D
- Front fall arrest D
- Padded waist band and side Ds
- Rear fall arrest extension strap
- Confined space attachment loops
- Fully adjustable leg and shoulder straps
- Fully padded leg and shoulder straps
- Suspension trauma relief straps

### Suitable for:

Fall arrest, confined space entry, roof work, ladder systems, elevated work platforms, pole work, maintenance, construction etc

Code: 1107 PVC



## User Weight Limits (\*kg) - Harness to Lanyard

Harness	Lanyard	305* Series ERGO Lanyards	306* Series ERGO Lanyards	307* Series ERGO Lanyards	305* Series ERGOplus Lanyards	306* Series ERGOplus Lanyards	FAB* Inertia Reels	LW* Latchways Inertia Reels	3201 Retracting Lanyard
<b>1100 ERGO Toughworks</b>		100	100	100	140	140	136	140	136
<b>1107 ERGO ToughWorks</b>		100	100	100	140	140	136	140	136

## Attachment Hardware

### Rear D

Alloy hardened steel for increased tensile strength  
 Stamped and rumbled for smoother edges  
 Zinc coated for corrosion resistance  
 Minimum tensile strength 22kN (5M–5000lb)  
 Ring internal diameter 55.6mm  
 Webbing slot size 16 x 54mm  
 Compatible with Gotcha™ Rescue Kit  
 Stamped with batch number and rating  
 Stands up for ease of attachment without springs or moving parts

### Front D

Alloy hardened steel for increased tensile strength  
 Forged and rumbled for smoother edges  
 Zinc coated for corrosion resistance  
 Minimum tensile strength 22kN (5M–5000lb)  
 Ring internal diameter 55.6mm  
 Webbing slot size 16 x 54mm  
 Compatible with Gotcha™ Rescue Kit  
 Stamped with batch number and rating

### Buckles

Alloy hardened steel for increased tensile strength  
 Forged and rumbled for smoother edges  
 Zinc coated for corrosion resistance  
 Minimum tensile strength 17kN  
 Webbing slot size 46mm  
 Stamped with batch number and rating

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**Confined Space  
Attachment Loops**

Except 1800 ERGO

UV resistant polyester tubing  
Seamless for snag free connection with karabiners and hooks  
Colour contrasted for ease of identification  
Must be used together  
Clearly labelled

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**Construction**

Original ERGO Euro style geometry  
Multi layer, reinforced redundant backup design at rear D  
Load bearing straps protected from abrasion by outer layer straps at rear D  
3 layer pocket webbing supporting load bearing chest strap for front D  
ERGOnomic, pull down adjustment at front shoulder and leg straps  
Sub -pelvic strap to minimise peel out  
Fully adjustable shoulder, leg and chest straps  
Leg straps fixed at hips – no excessive tightening around thighs in the event of an arrested fall  
Open slots on sides at hip for riggers and accessory belts  
Front D allows for easier attachment with remote rescue kits

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**Padding**

Composite foam/mesh breathable padding  
Virtually tangle free  
Safer compliance jacket design which is almost impossible to fit incorrectly  
Allows full adjustment while permanently attached

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**Labels**

UV resistant PVC  
Compliance label covered with clear plastic for protection

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**Sewing**

High tensile polyester light fast, UV resistant thread  
Load bearing seams sewn with high density, multi-bar tack patterns for extra wear and ease of inspection  
Load bearing seams sewn on computerised lock stitch machines for consistency and security  
Contrasting colour for ease of inspection and compliance to AS/NZS1891.1  
Non load bearing patterns (labels, web end fold backs, decorative...) flat manual sews  
All finished with overstitching

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**Sizing**

Standard (Large) harness comfortably fits up to XXL shirt size

Harnesses available up to XXXL or 5XL shirt size

Shirt Size	Harness Size
3XL	XL
4XL	XXL
5XL	XXXL

Other sizes options available on request

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**Testing**

5 stage inspection process during manufacture

100% visual inspection

Rear D and front D's, tested to dynamic 3.8m head up and head down test, as well as static 15kN head and 10kN head down to AS/NZS 1891.1-2007

Side Ds, 1.8m drop test or pole 12kN static test a side Ds and rings

Confined space loops 12kN static test through spreader bar

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**Webbing**

Colourfast polyester high tensile with PVC coating

Heat set for lower friction co-efficient—longer wear

Light (UV) degradation certified to AS/NZS1891.1

Minimum tensile strength 30kN

Lay flat—non-roping

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**Webbing Keepers**

Nylon high density elastic for easy stowage of excess webbing

HotWorks webbing is black

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<b>Features</b>	<b>1100 E ERGO ToughWorks</b>	<b>1107 ERGO ToughWorks</b>
<b>Harness Weight</b>	<b>1512g</b>	<b>2594g</b>
Auxiliary 75mm pole strap rings		
Confined space attachment loops	•	•
Elasticated energy absorbing lanyard permanently attached		
Elasticated rear leg droppers		
Front fall arrest and abseil widemouth Ds		
Front fall arrest D	•	•
Front fall arrest loops		
Padded waist band and side pole strap widemouth Ds		•
Plastic reinforced gear loops		
Quick release shoulder buckle		
Rear fall arrest D	•	•
Rear fall arrest extension strap		•
Rear fall arrest webbing D		
Suspension trauma relief straps	•	•
Waist band and side Ds		•
<b>Suitable for</b>		
Confined space entry	•	•
Construction	•	•
Elevated work platforms	•	•
Fall arrest	•	•
Hire industry	•	•
Ladder systems	•	•
Live line		
Maintenance	•	•
Non-conductive (waist up)		
Pole work		•
Rescue		
Roof work	•	
Rope access		
Scaffold tube and planking tasks	•	•
Tower work		
Underground mining		

## Training Courses

### Height Safety

Working Safely at Height  
Working Safely at Heights Refresher  
Height Safety Supervisor\*  
Height Safety Manager\*

### Rescue

Rescue Systems Operator\*  
Vertical Rescue\*  
Tower and Pole Rescue\*  
Wind Access Rescue Technician\*  
EWP Emergency Escape  
Gotcha Rescue

### Confined Space

Confined Space\*  
Confined Space - Refresher\*  
Breathing Apparatus\*  
Confined Space Non-Entry Rescue\*

### Inspection

Competent Person Practical  
Inspection and Record Keeping\*



## SpanSet Accreditations

ISO 9001:2008 Certified Quality Management System

ISO 14001:2004 Certified Environment Management System

OHSAS 18001:2007 Certified Occupational Health and Safety Management Systems

Australian/New Zealand Standard 4801:2001 certified Occupational Health and Safety Management Systems

5 Tick Certified Product

Accredited Laboratory Tested by NATA to ISO/IEC 17025

ASQA Registered Training Organisation certified to ISO 9001:2008

Certified manufacturer to AS/NZS 1891.1  
"Industrial Fall Arrest Systems and Devices"

Certified manufacturer to AS/NZS 1353.1  
"Flat Synthetic Webbing Slings"

Certified manufacturer to AS/NZS 4497.1  
"Round Slings—Synthetic Fibre"



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Quality  
ISO 9001:2008  
Lic:  
QEC5088



Environment  
ISO 14001:2004  
Lic:  
CEM21958



Health & Safety  
AS4801:2001  
Lic:  
OHS21464



Health & Safety  
OHSAS 18001:2007  
Lic:  
OHS21464



Australian  
Standard

