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# WaterWorks Harness Range

## 1100 WaterWorks Premium

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### Designation: Full body harness

- Stainless steel rear D
- Front fall arrest stainless steel D
- Stainless steel buckles
- Confined space loops on shoulders
- Fully adjustable padded leg straps and shoulder/back straps
- Easy-flow sweat absorbing mesh and foam composite padding
- Fitted with suspension trauma relief straps

### Suitable for:

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

Code: 1100WW Premium



## 1107 WaterWorks Premium

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### Designation: Full body harness

- Stainless steel rear D
- Front fall arrest stainless steel D
- Stainless steel side pole strap Ds
- Stainless steel buckles
- Confined space loops on shoulders
- Fully adjustable padded leg straps and shoulder/back straps
- Easy-flow sweat absorbing mesh and foam composite padding
- Fitted with suspension trauma relief straps

### Suitable for:

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

Code: 1107WW Premium



# WaterWorks Harness Range

## 1100 WaterWorks

### Designation: Full body harness

- Stainless steel rear D
- Front fall arrest stainless steel D
- Stainless steel buckles
- Confined space loops on shoulders
- Fully adjustable padded leg straps and shoulder/back straps
- Fitted with suspension trauma relief straps

### Suitable for:

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

Code: 1100WW



## 1300 WaterWorks

### Designation: Full body harness

- Stainless steel rear D
- Front fall arrest stainless steel D
- Side pole strap stainless steel Ds
- Stainless steel buckles
- Confined space loops on shoulders
- Fully adjustable padded leg straps and shoulder/back straps
- Fitted with suspension trauma relief straps

### Suitable for:

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

Code: 1300WW



## WaterWorks Harness Range

### 1800 WaterWorks

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**Designation: Full body suspension harness**

- Rear fall arrest stainless D
- Front fall arrest and abseil stainless Ds
- Padded waist band and side pole strap with stainless Ds
- Plastic reinforced gear loops
- Elasticated rear leg droppers
- Fully adjustable leg and shoulder straps
- Stainless shoulder buckles
- Hi-vis webbing

**Suitable for:**

Fall arrest, rescue, rope access, roof work, ladder systems, tower and pole work, maintenance, construction etc

Code: 1800WW



## WaterWorks Harness Range

### 1100 WaterWorks Miners

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**Designation: Full body suspension harness**

- Rear fall arrest stainless D
- Side pole strap stainless steel Ds
- Padded waist band and auxilliary buttock strap
- Elasticated rear leg droppers
- Fully adjustable leg and shoulder straps
- Stainless shoulder and leg buckles
- Hi-vis webbing

**Suitable for:**

Fall arrest, ladder systems, tower and pole work, maintenance, construction etc

Code: 1600WW



**User Weight Limits (\*kg)—Harness to Lanyard**

<b>Harness</b>	<b>Lanyard</b>	<b>305* series ERGO lanyards</b>	<b>306* series ERGO lanyard</b>	<b>307* series ERGO lanyards</b>	<b>305* series ERGOPlus lanyards</b>	<b>306* series ERGOPlus lanyards</b>	<b>FAB* inertia reels</b>	<b>LW* Latchways inertia reels</b>	<b>3201 Retracting lanyard</b>
<b>1100WW</b>		100	100	100	140	140	136	140	136
<b>1150WW</b>		100	100	100	140	140	136	140	136
<b>1150WW</b>		100	100	100	140	140	136	140	136
<b>1104WW</b>		100	100	100	140	140	136	140	136
<b>1107WW</b>		100	100	100	140	140	136	140	136
<b>1300WW</b>		100	100	100	140	140	136	140	136
<b>1800WW</b>		100	100	100	140	140	136	140	136
<b>1100WW</b>		100	100	100	140	140	136	140	136
<b>1100WW</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
- Stainless steel 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

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## Front D

- Forged and rumbled for smoother edges
- Stainless steel 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

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## Buckles

- 2 and 3 bar interlocking for secure connection and easy adjustment
- Forged and rumbled for smoother edges
- Stainless steel for corrosion resistance
- Minimum tensile strength 8kN
- 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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**Labels**

UV resistant PVC

Compliance label covered with clear plastic for protection

Thermal transfer printing

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**Rear Mesh Panel**

PVC coated polyester

Open mesh to allow unrestricted airflow

Shaped to give the harness structure form to aid donning and minimise tangling

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**Sewing**

Hight 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 over stitching

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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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**Suspension Trauma Relief Straps**

20mm nylon webbing

2 part hook and loop design

Housed in individual zippered soft pouches

Attached to harness via reeveable loop and positioning press studs

Length adjusting increments 185mm

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**Testing**

5 stage inspection process during manufacture

100% visual inspection

Rear D and front Ds, tested to dyamic 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 m 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

Heat set for lower friction co-efficient—longer wear

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

High visibility orange/royal blue

Minimum tensile strength 30kN

Lay flat—non-roping

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**Webbing Keepers**

Nylon high density elastic for easy stowage of excess webbing

Contrasting black for quick identification

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<b>Features</b>	<b>1100WW ERGO Premium</b>	<b>1107WW ERGO</b>	<b>1300WW ERGO</b>	<b>1600WW ERGO</b>	<b>1800WW ERGO</b>	<b>1100WW ERGO Miners</b>
Harness Weight	1311g	2060g	1785g	-	2295g	1845g
Auxiliary 75mm pole strap rings						
Breathable rear mesh panel	•		•			
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						
Heavy duty abrasion resistant shoulder strap sleeves						
Padded waist band and side pole strap widemouth Ds				•		
Padded waist band with battery and self rescuer straps						•
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		•	•	•	•	

### Suitable for

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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