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WaterWorks Harness Range

1100 WaterWorks Premium

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

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

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 ERGO Miners

Designation: Full body harness

- Rear fall arrest stainless D
- Front fall arrest stainless D
- Padded waist band with battery and self rescuer straps
- Confined space attachment loops
- Fully adjustable and padded leg and shoulder straps
- Hi-vis webbing
- Suspension trauma relief straps

Suitable for:

Fall arrest, confined space entry, ladder systems, elevated work platforms, underground mining, maintenance, construction, etc.

Code: 1100WW ERGO Miners



User Weight Limits (*kg)—Harness to Lanyard

Harness	Lanyard	305* series ERGO lanyards	306* series ERGO lanyard	307* series ERGO lanyards	305* series ERGOPlus lanyards	306* series ERGOPlus lanyards	SVLB 2 & 3	SVLB 10, 18, 30, 40	3201 Retracting lanyard
1100WW Premium		100	100	100	140	140	150	136	100
1107WW Premium		100	100	100	140	140	150	136	100
1100WW		100	100	100	140	140	150	136	100
1300WW		100	100	100	140	140	150	136	100
1800WW		100	100	100	140	140	150	136	100
1100WW ERGO Miners		100	100	100	140	140	150	136	100

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

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

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

Confined Space Attachment Loops

Except 1800 WaterWorks

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

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

Labels

UV resistant PVC

Compliance label covered with clear plastic for protection

Thermal transfer printing

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

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

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

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

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

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

Webbing Keepers

Nylon high density elastic for easy stowage of excess webbing

Contrasting black for quick identification

Features	1100WW ERGO Premium	1107WW ERGO	1300WW ERGO	1600WW ERGO	1800WW ERGO	1100WW ERGO Miners
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						•

