

Height Safety Lifting Load Control Safety Management

WATERWORKS **HARNESS RANGE**

Technical Data Sheet



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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 Miners

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

| Harness | Lanyard | 305* series ERGO Ianyards | 306* series ERGO lanyard | 307* series ERGO lanyards | 305* series ERGOPlus Ianyards | 306* series ERGOPlus Ianyards | FAB* inertia reels | LW* Latchways inertia reels | 3201 Retracting Ianyard |
|---------|---------|---------------------------------|--------------------------------|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------------------|-------------------------------|
| 1100WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1150WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1150WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1104WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1107WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1300WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1800WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1100WW | | 100 | 100 | 100 | 140 | 140 | 136 | 140 | 136 |
| 1100WW | | 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

Compatable 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 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

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 injection and compliance to AS/NZS1891.1 $\,$

Non load bearing patterns (labels, web end fold backs, decorative...) flat manual sews

All finished with overstitching

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 reevable 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

| Harness Weight | Features | 1100WW ERGO Premium | 1107WW ERG0 | 1300WW ERGO | 1600WW ERGO | 1800WW ERGO | 1100WW ERGO Miners |
|--|---|------------------------|-------------|-------------|-------------|-------------|-----------------------|
| Breathable rear mesh panel Confined space attachment loops Elasticated energy absorbing lanyard permanently attached Elasticated energy absorbing lanyard permanently attached Elasticated rear leg droppers Front fall arrest and abseit widomouth Ds Front fall arrest toops Front fall arrest loops Heavy duty abrasion resistant shoulder strap sleeves Padded vaisit bend and sale pole strap wedomouth Ds Padded vaisit bend and sale pole strap wedomouth Ds Padded vaisit bend with battery and self rescuer straps Plastic reinforced gear loops Quick release shoulder buckle Rear fall arrest attension strap Rear fall arrest extension strap Suspension trouma relief straps Suspension trouma relief straps Confined space entry Construction Placeted work platforms Fall arrest Hire industry Ladder systems Live fine Maintenance Non-conductive (waist up) Pole work Rescue Rescue Resorve Roops access Scaffold tube and planking tasks Tower work Roops access Scaffold tube and planking tasks Tower work Front fall arrest Scaffold tube and planking tasks Tower work Pole work Scaffold tube and planking tasks Tower work Scaffold tube and planking tasks Tower work Scaffold tube and planking tasks Tower work | Harness Weight | 1311g | 2060g | 1785g | _ | 2295g | 1845g |
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| Unactification in thing | Underground mining | | | l | | l | •] |

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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