

Buckingham Manufacturing Quality Reliability The Flexibility Innovation

• Harness Sizing • Maintenance • In Use Care

Buckingham offers a full array of standard design full body harnesses to be used in fall arrest, work positioning, suspension, retrieval and rappeling applications.

	Chest Size						
ESS SIZING	Height	34 - 36	38 - 40	42 - 44	46 - 48	50 - 54	56 - 60
	5' 4" - 5' 7"	S	S	M	L	X	XX
	5' 8" - 5' 11"	S	M	L	X	XX	XXX
	6' 0" - 6' 3"	M	M	L	X	XX	XXX
	6' 3" +	L	L	X	X	XX	XXX
到	\bullet S = Small	• M = Mediu	$\mathbf{n} \cdot \mathbf{L} = \mathbf{La}$	• $L = Large$ • $X = Ex$		• XX = 2X	• XXX = 3X

Learn more about Harness Inspection, Sizing & Donning





Shoulder straps should lie flat & in close to the neck

Torso buckles should lie flat and positioned at waist level

Leg straps should be snug but not so tight as to restrict movement



Fall arrest attachment should be positioned high between the shoulder blades

Chest strap should be snug and positioned 6" below the neck

> Seat strap should have no twists and be positioned below the buttocks

Leg strap buckles should lay flat on legs 4" - 5" below waist



All straps should lie flat & contain no twists | Excess material should be secured by keepers

H STYLE

STYLES

HARNE

TOWER HARNESS



INDICATES MEETS ASTM F887 ELECTRIC

Model 637G8C500CK1 • Quick connect leg strap

• 18" pigtail with steel dee ring • Arc flash rated



ARC PERFORMANCE REQUIREMENTS

Model 603B3700U3

- Unique 'U' design keeps shoulder straps off the neck preventing irritation
- Sternal web loop
- Web dorsal loop • Quick connect leg & torso buckles 🚁



Before each use, it is important to check for the following:

BODY BELT INSPECTION [IF APPLICABLE]

Model 603E3700R3

- Interlocking torso &
- leg buckles • Sternal web loop
- Web dorsal loop

• Arc Flash Rated

Y STYLE





- Built in body belt [used for tower or substation work] • Sternal & umbilical dee rings for suspension or self rescue • Shoulder pads
- Wide padded leg straps with quick connect buckles • Arc flash rated

16" FR Shock Pack

FULL BODY HARNESS INSPECTION

Before each use, it is important to check for the following:

Webbing_

☐ Cracks

- ☐ Burns or charring ☐ Cuts
- ☐ Kinks ☐ Broken fibers ☐ Abrasions
 - ☐ Chemical/physical exposures **□** Swelling ☐ Loose, cut or missing stitching
- ☐ Excessive wear ☐ Discoloration
- ☐ Chest strap Hook & Loop have sufficient adhesion

Hardware _

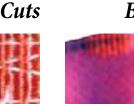
- ☐ Cracks or nicks
- ☐ Distorted/bent
- ☐ Rust or corrosion
- ☐ Quick connect buckles operate properly



☐ Evidence of shock load to harness



Cuts Burns





Rust/Corrosion

SUFFIX 'S1' IN MODEL

Chemical

Stitching

☐ Worn material & loose stitching ☐ Broken threads & burns

☐ ASTM requires no holes last 4" of billet

- ☐ Loose grommets or elongated holes
- ☐ Loose/worn rivets

Knife Accessory Snap

Tongue Buckles

☐ Loose stitching

Waist Strap

☐ Loose/worn rivets

☐ Cracks and/or corrosion

☐ Never file tongue hook

☐ Working Spring ☐ Secure & not broken

Pouch Tab

Tape Thong ☐ Worn Material

Tool Loops

☐ Worn material

Suspender Dee

☐ Secure rivets

☐ Rated to 25 lbs.

■ Not Man Rated

Glove Bag Ring

☐ Used for belt support

☐ Secure & not broken

☐ Cuts, tears or loose stitching

Dee Ring ☐ Cracks, nicks & distortion

☐ Corrosion of hardware

☐ Tears, cuts, loose stitching/worn material

IF ANY OF THESE CONDITIONS EXIST CEASE USE IMMEDIATELY!

BUCKYARD W Flexibilty & reduced arresting force Model 8VV114S1+Z

BUCK-ARREST

BUCK ARREST [FR]

Same benefits as the BuckYard with added elastic bungee





Model 8VV714S1+Z

Broken



Model 5VV116S1+Z

SHOCK ABSORBING LANYARD INSPECTION Before each use, it is important to check for the following:

Webbing _ ☐ Cuts ☐ Kinks

☐ Cracks

☐ Burns or charring ☐ Broken fibers

☐ Chemical/physical exposures ■ Swelling

☐ Loose, cut or missing stitching

■ Discoloration

■ Abrasions

Hardware. ☐ Cracks or nicks ☐ Distorted/bent

☐ Excessive wear

☐ Rust or corrosion

☐ Locking mechanism functions improperly

☐ Locking & snap keepers operate freely & smoothly

☐ Evidence of shock loading

IF ANY OF THESE CONDITIONS EXIST **CEASE USE IMMEDIATELY!**

•ALWAYS, PRIOR TO EACH USE, INSPECT YOUR FALL PROTECTION EQUIPMENT

Indicates hardware meets ANSI Z359.12-2009 (Gate rated to 3600 lbs.)

• ALWAYS ATTACH TO A 5,000 LB. ANCHORAGE POINT OR AN ANCHOR POINT DESIGNED/INSTALLED AS PART OF A COMPLETE PERSONAL FALL ARREST SYSTEM UNDER THE SUPERVISION OF A **QUALIFIED PERSON**

• Always use Personal Protection Equipment manufactured to the current standards

Always use a properly sized & adjusted full body harness

• Never rig yourself so you can free fall more than 6' or come in contact with A LOWER LEVEL

Model 64V116S2+Z

• NEVER ATTACH A STEEL SNAP TO A WEB LOOP

• Never use Fall Protection equipment that has been subjected to impact loading

• Never make modifications to Personal Fall Protection Equipment

OSHA - REGULATORY

OSHA Fall Protection Systems Criteria & Practices 1926.502

1926.502(d) Personal Fall Arrest Systems Electric Power Generation, Transmission & Distribution

1910.269 1910.269(g)(2) Fall Protection

STM F887

ASTM/ANSI - Consensus Standards for Manufacturers

ANSI Z359 Fall Protection Code

Personal Climbing Equipment **ASTM** F887 F887 18 Harnesses

> Shock Absorbing Lanyards F887 19, 20, 21 Electric Arc Performance F887 22