

# ↑ EXPERT 3D SPEED STEEL

Fully adjustable harness for a rope access with padded waist belt, leg loops and shoulder straps. Suitable for work positioning, fall arrest and work restraint situations. The EXPERT 3D harness is modular to fit the user's body.

## DESCRIPTION

Name tag at clearly visible place.

Chest ascender smart fixation system.

Additional „A“ marking of fall-arrest attachment points (according to EN 361).

ANSI triple lock carabiner used for connection of shoulder part to the main attachment point.

Strength webbing on the waist belt is stitched in the way that at normal working situation the body weight is absorbed by the padding only.

Ergonomic braided gear loops with a bearing capacity 5 kg.

Additional loops on the leg loops and waist belt with a bearing capacity of 5 kg for better gear orientation.

Anatomic leg loops are covered with strong PES fabric providing high abrasion resistance.



Shoulder connection for confined space rescue.

Lanyard parking element.

Reflective straps on the shoulders for higher visibility.

Fall arrest indicator (back side).

Fixed webbing in a rear adjustment buckle to avoid webbing rotation.

Super comfortable wide waist belt padding provides maximum comfort when working at heights.

Reflective straps and printing on the waist belt increase the visibility in dark working conditions.

## KEY FEATURES

- fall arrest indicator
- lanyard parking element
- all steel components finished with E - coating for higher corrosion resistance

## STANDARDS

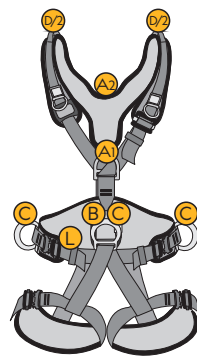


EN 358:2018  
EN 361:2002  
EN 813:2008  
EN 1497:2007

ANSI Z359.11-2014

NFPA 1983-2017 Edition

This harness meets the life safety harness requirements of NFPA 1983, standard on life safety rope and equipment for emergency services, 2017 edition; class III.



		NFPA class III life safety harness	EN standard
A1	Head up	16 kN	Fall arrest attachment element
	Head down	10 kN	
A2	Head up	16 kN	Fall arrest attachment element
	Head down	10 kN	
B	Head up	16 kN	rappel/positioning attachment element
C	Head up	13 kN	positioning only attachment
D	Head up	16 kN	shoulder attachment element

L label location maximum rated load 150kg

## MATERIALS



- 43 % stainless steel
- 34 % PAD
- 13 % PES
- 5 % EVA foam
- 5 % polyethylene

## FEATURES



M/L = 2 830 g



unique No.



3 YEARS guarantee

## TECHNICAL DATA



Porter placement



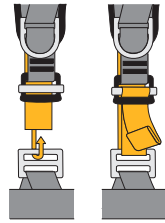
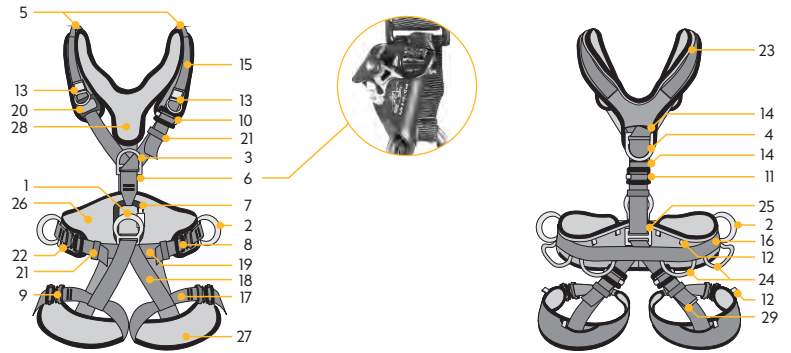
Park position



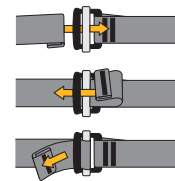
Work position

**TECHNICAL DATA**

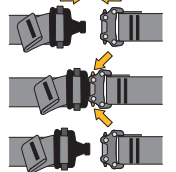
1 – Frontal attachment element, 2 – Hip attachment element, 3 – Sternal attachment element, 4 –Dorsal attachment element, 5 – Shoulder attachment element, 6 - Loops to fasten chest ascender, 7 – Chest harness-seat harness connector, 8 – Speed buckle for adjusting waist belt strap, 9 – Speed buckle for adjusting leg loop strap, 10 – Easy Lock buckle for adjusting shoulder strap, 11 – Easy Lock buckle for adjusting dorsal element, 12 – Additional loop with a bearing capacity of 5 kg, 13 – Lanyard parking attachment, 14 – Fall arrest indicator, 15 – Shoulder strap, 16 – Waist belt strap, 17 – Leg loop strap, 18 – Connecting strap, 19 – Front waist belt part, 20 – Name tag, 21 – Elastic keeper for strap, 22 – Identification and methodical label, 23 – Reflective stripe on the shoulder and waist belt, 24 – Gear loop, 25 – Buckle for attachment dorsal shoulder and seat harness, 26 – Waist belt padding, 27 – Leg loop padding, 28 – Shoulder padding, 29 – ANSI label



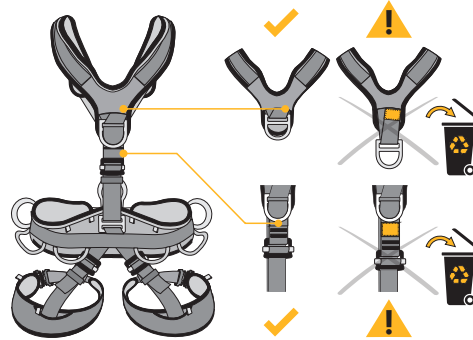
Easy-Lock buckle



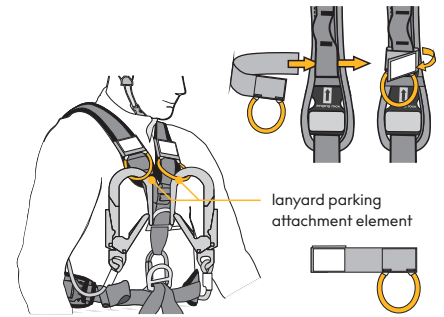
Speed buckle



**FALL ARREST INDICATOR; LANYARD PARKING ATTACHMENT ELEMENT**



FALL ARREST INDICATOR



LANYARD PARKING ATTACHMENT ELEMENT

**SIZE CHART**



		S	M/L	XL
EXPERT 3D SPEED STEEL m [g] M/L = 2.830	A [cm/in]	65-80 / 25-31	75-100 / 29-39	85-130 / 33-51
	B [cm/in]	45-60 / 18-24	50-75 / 19-29	50-75 / 19-29
	C [cm/ft]	150-170 / 4.92-5.57	160-180 / 5.25-5.9	175-205 / 5.74-6.73

**COMPARISON**

**EXPERT 3D vs. EXPERT III**

- fall arrest indicator
- lanyard parking attachment element
- improved ergonomic waist belt
- wide anatomic leg loops
- colorfully highlighted 4 gear loops
- ergonomic braided front gear loops
- accessory loops on the waist belt and leg loops
- special slot on the waist belt for better fixation of the Porter carabiner
- leg loops are covered with polyester fabric for higher abrasion resistance
- the reflective straps on the waist belt and shoulder straps
- on the waist belt and shoulders vertically stitched webbing creates the holes for fixing the equipment
- wide rubber band on the shoulder for the fixation of devices (e.g. cell phone)



EXPERT III

