

WorkAir Original

WorkAir is the world's first airbag providing protection to workers operating at heights to be certified as Personal Protection Equipment.

D Air
lab

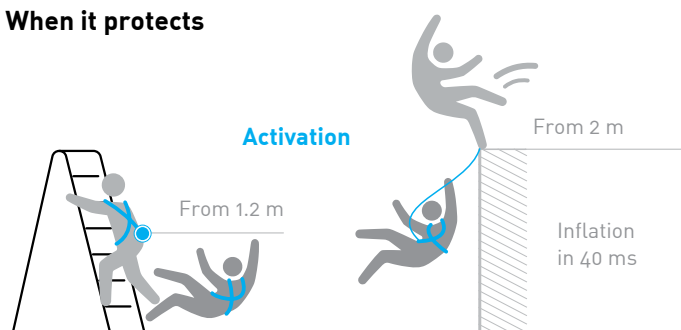


WorkAir is a range of certified PPE for protecting workers at height. It is designed and produced entirely in Italy by D-Air lab. WorkAir is derived from the protection systems for professional athletes who practice extreme sports already offered by Dainese Spa, applying airbag technology to the world of work.

The Original model was designed to protect workers at height, whether or not wearing a harness. Its ergonomic shape and front fastening make it easy to wear and comfortable to use during daily working activities.

When WorkAir detects an accident, the airbag inflates in just 40 milliseconds.

When it protects

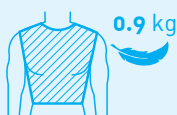


1.2 m to 2 m

WorkAir protects from ground impacts and can be worn with normal workwear.

2 m and over

Worn beneath the harness required by workplace health and safety standards, WorkAir protects from pendulum impacts caused by the worker striking structures below the work platform.



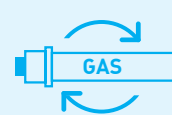
Chest and back protection



Automatic fall detection and airbag inflation



Category II PPE certification



Reusable

Features



The airbag is made with abrasion-resistant materials and is the structure that contains the elements useful for its operation



Residual energy lower than the legally required level



IP54 rated – protects against dust and water



Power on with button, LED interface and vibramotor



Airbag made from microfilaments to ensure uniform and optimum energy absorption from impacts



Temperature range: -10°C to 40°C

Use

Suitable for all working heights above 1.2 m and in particular for the following sectors:



Industry



Construction



Logistics



Electrical



Aerospace



The WorkAir range

Original



Fluo Yellow



Fluo Orange

Usage recommendations:

50% with harness

50% without harness

Certifications

EC 21-0004Rev01

Category II PPE

Technologies

D-Fold

Vent-pad

D-detection

Fidlock magnetic closure

Microfilaments

Light



Usage recommendations:

70% with harness

30% without harness

Certifications

EC 23-0100

Category II PPE

Technologies

D-Fold 3x

D-detection

Fidlock magnetic closure

Microfilaments

Back



Usage recommendations:

30% with harness

70% without harness

Certifications

EC 23-0186

Category II PPE

Technologies

D-Fold

Vent-pad

D-detection

Fidlock magnetic closure

Microfilaments

Practical information



Washing: wash with cloth dampened with water or water and neutral soap. Do not immerse in water, do not iron.



Reuse after activation: send product to an authorised D-Air lab centre or contact our customer service team.



Battery: duration about 20h with continuous use, recharge time about 2h.



Maintenance interval every 3 years at D-Air lab Customer Service for inspecting product for signs of wear and tear.

Size guide

Size

Chest circumference measurement (cm)

S

89-92

M

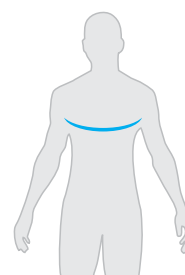
92-104

L

104-116

XL

116-128



WorkAir Light

WorkAir is the world's first airbag providing protection to workers operating at heights to be certified as Personal Protection Equipment.

D Air
lab

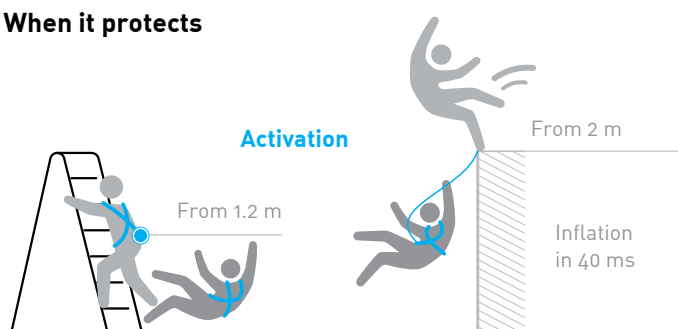


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WorkAir Light effectively protects the back and chest with its vital organs. The Light model was designed with an airbag folding system that reduces bulk to increase thermal comfort and with side fastenings, making it ideal for workers working at height using the most common personal fall protection systems. Once activated, the airbag expands to cover a surface area three times its original size.

When WorkAir detects an accident, the airbag inflates in just 40 milliseconds.

When it protects

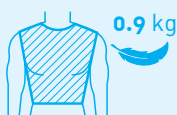


1.2 m to 2 m

WorkAir protects from ground impacts and can be worn with normal workwear.

2 m and over

Worn beneath the harness required by workplace health and safety standards, WorkAir protects from pendulum impacts caused by the worker striking structures below the work platform.



Chest and back
protection



Automatic fall detection
and airbag inflation



Category II PPE
certification



Reusable

Features



The airbag is made with abrasion-resistant materials and is the structure that contains the elements useful for its operation



-60% Residual energy lower than the legally required level



IP54 rated – protects against dust and water



Power on with button, LED interface and vibramotor



Airbag made from microfilaments to ensure uniform and optimum energy absorption from impacts



Temperature range: -10°C to 40°C

Use

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The WorkAir range

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D-Fold

Vent-pad

D-detection

Fidlock magnetic closure

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30% without harness

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Category II PPE

Technologies

D-Fold 3x

D-detection

Fidlock magnetic closure

Microfilaments

Back



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30% with harness

70% without harness

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Category II PPE

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D-Fold

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Chest circumference measurement (cm)

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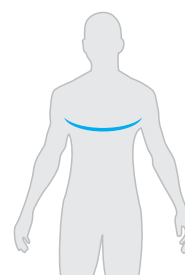
92-104

L

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XL

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WorkAir Back

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D Air
lab

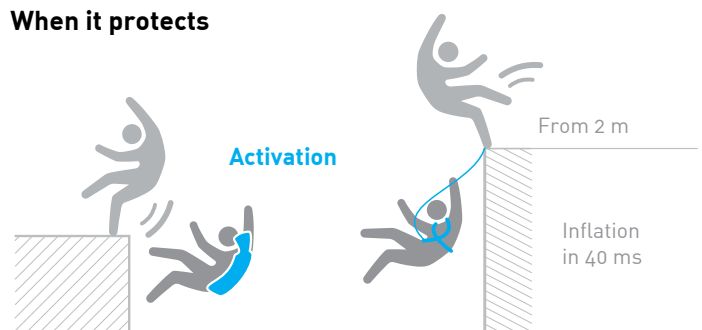


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WorkAir Back effectively protects the central area of the back due to its shaping with coverage focusing on the dorsal part. When activated, the airbag expands to the neck and coccyx. The Back model has been designed for workers operating at height, protecting them from backward falls from lower heights.

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When it protects

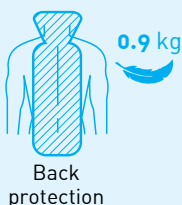


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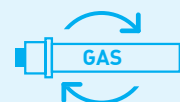
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Automatic fall detection
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Size guide

Size

Waist circumference measurement (cm)

S

68-80

M

80-92

L

92-104

XL

104-128

