

TECHNICAL DATA SHEET

ATOM-X

TDS73



ATOM-X 1.8m Fall Arrest Block Technical Data Sheet

Checkmate ATOM-X Lightweight self retracting lifeline

ATOM-X is the smallest and lightest fall arrest block in its class in the world. Its lightweight chassis, PC ABS housing and Dyneema® webbing contribute to its outstanding strength and performance.



Hook Options

Supplied as standard with ANSI Z359.12 3600lbs gate rated snap or scaffold hooks.



Load Bearing Steel Chassis

The internal hot rolled steel chassis provides a structural metallic core beneath the external protective housing.



PC ABS Housing

The high strength housing is robust and durable giving protection to the mechanical assembly and internal parts.



Fall Arrest Indicator

The swivel incorporates a fall indicator, which clearly shows if the device has been subjected to a shock load.



Dual Assembly

The ATOM-X Dual provides for continuous connections when transferring between anchorages. Both devices work independently, and also freely rotate and swivel for correct alignment.



Sealed Tamper Proof Housing

Ensure that the block integrity remains as access to the internal components of the block is prevented.

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ordering information

Part No.	Description	Weight
ATOM-X	1.8 metre fall arrest mini block with alloy snap hook (EN)	0.8kg(1.7lbs)
ATOM-X-005	Dual 1.8 metre fall arrest mini blocks with alloy snap hooks (EN)	1.7kg(3.7lbs)
ATOM-X-022	1.8 metre fall arrest mini block with alloy scaffold hook (EN)	1.2kg(2.6lbs)
ATOM-X-006	Dual 1.8 metre fall arrest mini block with alloy scaffold hook (EN)	2.5kg(5.5lbs)
ATOM-X ANSI	1.8 metre (6ft) fall arrest mini block with alloy snap hook (ANSI)	0.8kg(1.7lbs)
ATOM-X ANSI-C	1.8 metre (6ft) fall arrest mini block with alloy scaffold hook (ANSI)	1.2kg(2.6lbs)
ATOM-DB	Dual bracket for ATOM-X	0.1kg(0.2lbs)

PC ABS Housing

High strength housings give support to the mechanical assembly

Fall Indicating Swivel

360 degree rotation and 180 degree pivot ensures the block remains in the correct orientation in any working condition

The 20mm eye allows connection to a range of karabiners and scaffold hooks

Durable Cover

Durable shrink wrap used for durability and aesthetics

Tear Webbing Pouch

Designed to ensure maximum forces do not exceed 6kN

Dyneema® Webbing

Lightweight with a strong resistance to cuts and abrasion

Alloy Snap Hook

Alloy snap hook, with ANSI rated side loaded gate. Other connectors available upon request

200mm/8"

150mm/6"

product features

- Top Connector
11mm Alloy twist lock karabiner approved to EN362 rated to 25kN (supplied as standard)
- Bottom Connector
ANSI rated snap/ scaffold hook
- Dyneema® Webbing
22mm - minimum breaking load 22kN
- Capacity
1.8 metres (6ft)
- Maximum Arresting Force
Webbing = 6.0kN
- Average Arresting Force
Webbing = 4.0kN
- User Weight
150Kg (330lbs) Maximum

standards

- EN 360
- AS NZS 1891.3.1997
- ANSI Z359. 14-2012 Class A

principal materials

- External Housings
PC ABS. High strength and rigidity. UV stabilised
- Shaft
Steel zinc plated & passivate
- Chassis
Hot Rolled Steel Zinc plated & Passivated
- Pawl
Steel, hardened - Zinc plated & Passivated
- Bearing Plates
PTFE
- Aluminium Snap Hook
23kN Minimum Breaking Load
16kN Rated Gate

