



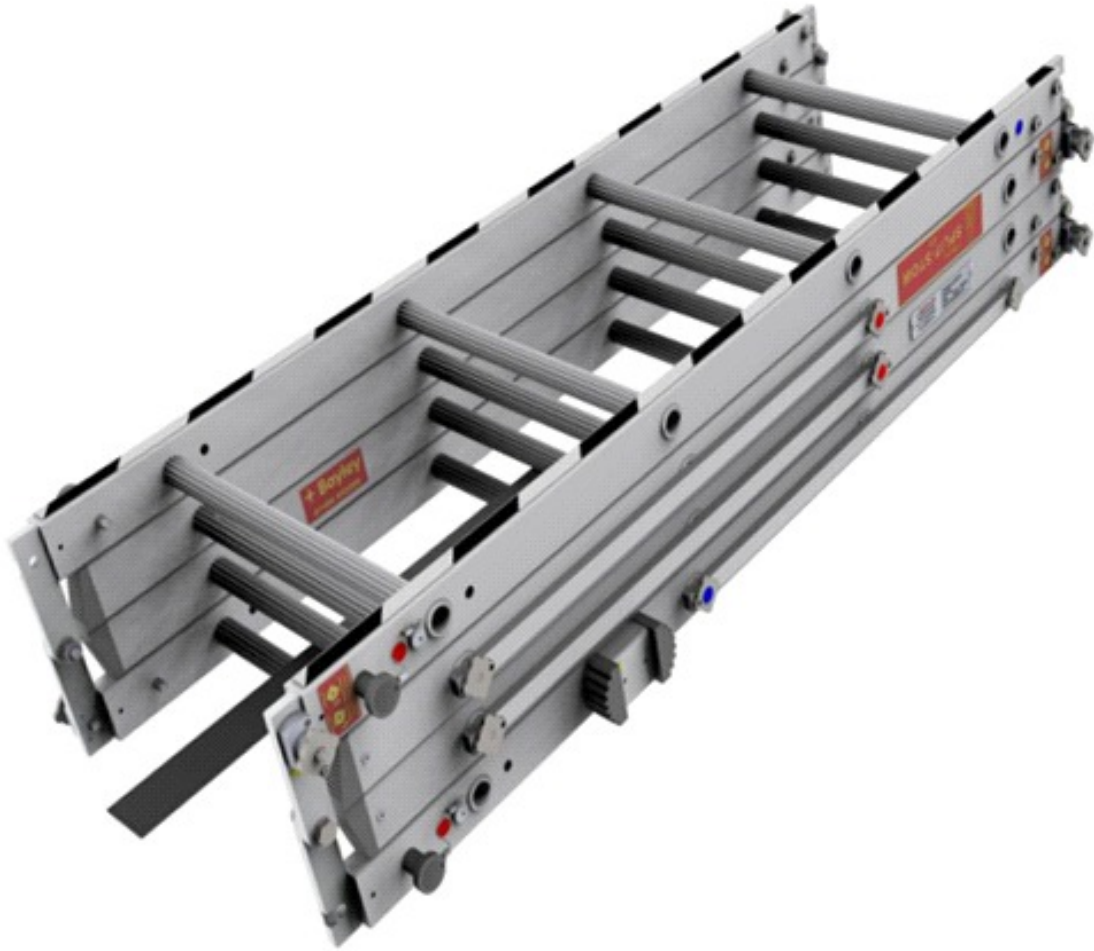
Safety by Engineering
Supply+

Bayley Splitstow 4.8 Three Person Rescue Ladder Multi Use System



Issue: 8

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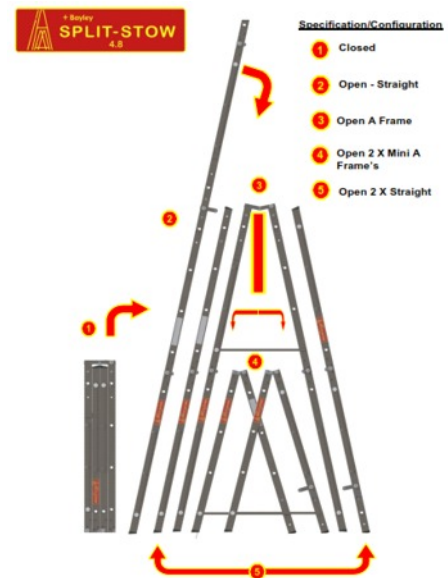
Bayley Split Stow Ladder

The Split Stow is a multi-functional ladder that can be configured in several different ways. The differing configurations mean that the ladder provides a wide variety of possible uses for the user and is a highly practical tool in the operational fire and rescue arena.

The ladder was specifically designed to minimise stowage requirements for smaller “First Response” fire and rescue vehicles, whilst ensuring the maximum level of flexibility for the users.

The ladders possible configurations are:

- *4.845 metre single section*
- *Large Open “A” Frame 2.385 metres high*
- *Small Open “A” Frame 1.195 metre high (2 off)*
- *Single Section Ladder 2.433 metre high (2 off)*
- *Folded Position 1.25 metre high*



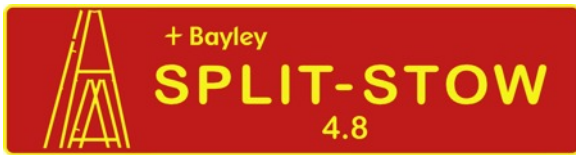
Design & Construction

The ladder is designed to BS EN1147 2010 and is designated as a 3 person rescue ladder

Also available in different widths of 281mm (Narrow), 342mm (Standard) and 490mm (Wide). Dimensions are the internal widths between stiles.

The ladder has weight of just 17Kg (Narrow), 18Kg (Standard) , 19Kg (Wide) which eases the burden on the fire fighter moving around the operational fire ground.

A lighter weight box stile section is used for the construction with fully ribbed surface for better grip on the large diameter rungs which are swaged in place. The ladders are manufactured from high tensile aluminium alloy custom extrusions giving high strength and rigidity with less weight.



Ladder Specifications

BAYLEY SPLITSTOW 4.8m NARROW

Model	BLSPLITSTOW/4.8N				
Length	4.845m Open Full section	1.25m Closed	2.385m 'A' Frame	1.195m 'A' Frame small (x2)	2.433m Single section (x2)
Width overall	390mm	390mm	390mm	390mm	390mm
Width between stiles	281mm	281mm	281mm	281mm	281mm
Rung spacing	305mm	305mm	305mm	305mm	305mm
Depth	N/A	221.5mm	N/A	N/A	N/A
Weight	17kgs	17kgs	17kgs	8.5kg per section	8.5kg per section
EN 1147 Categorisation	3 person rescue	3 person rescue	3 person rescue	3 person rescue	3 person rescue

BAYLEY SPLITSTOW 4.8m STANDARD

Model	BLSPLITSTOW/4.8S				
Length	4.845m Open Full section	1.25m Closed	2.385m 'A' Frame	1.195m 'A' Frame small (x2)	2.433m Single section (x2)
Width overall	451mm	451mm	451mm	451mm	451mm
Width between stiles	342mm	342mm	342mm	342mm	342mm
Rung spacing	305mm	305mm	305mm	305mm	305mm
Depth	N/A	221.5mm	N/A	N/A	N/A
Weight	18kgs	18kgs	18kgs	9kg per section	9kg per section
EN 1147 Categorisation	3 person rescue	3 person rescue	3 person rescue	3 person rescue	3 person rescue



Ladder Specifications

BAYLEY SPLITSTOW 4.8m WIDE

Model	BLSPLITSTOW/4.8W				
Length	4.845m Open Full section	1.25m Closed	2.385m 'A' Frame	1.195m 'A' Frame small (x2)	2.433m Single section (x2)
Width overall	599mm	599mm	599mm	599mm	599mm
Width between stiles	490mm	490mm	490mm	490mm	490mm
Rung spacing	305mm	305mm	305mm	305mm	305mm
Depth	N/A	221.5mm	N/A	N/A	N/A
Weight	19kgs	19kgs	19kgs	9.5kg per section	9.5kg per section
EN 1147 Categorisation	3 person rescue	3 person rescue	3 person rescue	3 person rescue	3 person rescue



SPLITSTOW STD FULLY OPEN





SPLITSTOW STD TOP SECTION CLOSED





LADDER - 2 SECTION SPLIT





SPLITSTOW STD A FRAME - WORKING HEIGHT



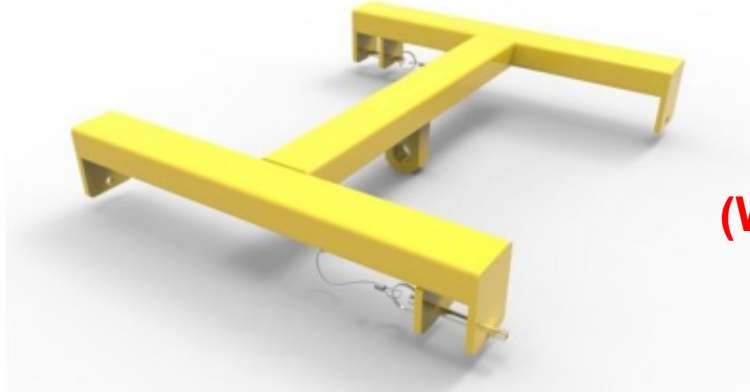


SPLITSTOW STD A FRAME - SPLIT 2 SECTIONS





ROPE ATTACHMENT



W.L.L
(Working Load Limit)
220 Kgs
2 Person

STEP ATTACHMENT



W.L.L
(Working Load Limit)
110 Kgs
1 Person



SPLITSTOW WIDE A-FRAME & ROPE ATTACHMENT



W.L.L
(Working Load Limit)
220 Kgs
2 Person



SPLITSTOW WIDE A-FRAME & STEP ATTACHMENT



W.L.L
(Working Load Limit)
110 Kgs
1 Person



**SPLITSTOW WIDE 2 SECTION A FRAME WITH
STEP ATTACHMENT**



**W.L.L
(Working Load Limit)
110 Kgs
1 Person**



**SPLITSTOW WIDE FULLY OPEN WITH
ROPE ATTACHMENT**



**W.L.L
(Working Load Limit)
110 Kgs
1 Person**



**SPLITSTOW WIDE - SPLIT 2 SECTION WITH
STEP ATTACHMENT**



**W.L.L
(Working Load Limit)
110 Kgs
1 Person**