

# LIFTING SLINGS

## RATCHET TIE DOWN STRAPS

Aardwolf's product which can meet European EN, American WSTDA, Australian AS /NZ and other international standards.



### GENERAL INFORMATION

- COLOR CODING
- CHEMICAL RESISTANCE INFORMATION
- SLING SAFETY
- TEN TIPS FOR SAFE LIFTING
- ADVANTAGES
- APPLICATION

### WEBBING SLINGS

- POLYESTER WEBBING SLING MATERIAL
- DOUBLE-PLY WEBBING SLINGS
- DOUBLE-PLY ENDLESS WEBBING SLINGS
- LIFTING SLINGS FOR FLAT GLASS - SINGLE-EYE
- LIFTING SLINGS FOR FLAT GLASS - DOUBLE-EYE

### CAM BUCKLES

- 250KG CAM BUCKLES, WIDTH 25 MM
- 1500KG CAM BUCKLES, WIDTH 50 MM

### RATCHET STRAPS

- 800KG RATCHET STRAPS, WIDTH 25 MM
- 1000KG RATCHET STRAPS, WIDTH 25 MM
- 1500KG RATCHET STRAPS, WIDTH 25 MM
- 2000KG RATCHET STRAPS, WIDTH 50 MM
- 4000KG RATCHET STRAPS, WIDTH 50 MM
- 5000KG RATCHET STRAPS, WIDTH 50 MM
- 6000KG RATCHET STRAPS, WIDTH 50 MM
- 8000KG RATCHET STRAPS, WIDTH 75 MM
- 10,000KG RATCHET STRAPS, WIDTH 100 MM

### OTHERS

- WEAR SLEEVES
- END FITTING
- SWIVEL HOOK & BOW SHACKLE
- AARDWOLF PRODUCTS RELATED TO
  - SLAB BUNDLE HANDERS
  - DOUBLE FORKLIFT BOOM
  - SPREADER BEAMS



***Aardwolf Industries LLC is an expert in providing premium lifting and load restraint solutions. We manufacture a wide range of lifting equipment which can be made to customer specifications. Please see refer to the contents below to find out the Aardwolf lifting solution.***

Single and double-ply polyester webbing slings are reinforced with lifting eyes.  
They have a working load limit of 250 kg - 12 Tonne, Length 1-50 Mtr.  
Sling is constructed of 100% polyester  
Safety factor as per national safety standards  
Each kg class has its color code. ( see technical data )  
Excellent resistance to acids, oil, ultraviolet rays, rot, and mildew.  
Lightweight, easy to handle, store, and clean.



## COLOR CODING

We can easily recognize the lifting capacity of flat and round slings because each capacity has a specific color.

1T	2T	3T	4T	5T	6T	8T	=<10T



## CHEMICAL RESISTANCE INFORMATION

Material	Acids	Alkalis	Oils	Organic solvents	Water & seawater	Ethers	Aldehyde	Alcohols
Polyester	OK*	NO	OK	OK	OK	NO	NO	OK

\* desintegrated by concentrated sulfuric acid. Higher chemical concentrations and/or higher temperatures will lower the resistance of the sling.



## SLING SAFETY

### ALWAYS

Store and handle slings in a cool, dry and dark place.  
Inspect slings weekly or more frequently.  
Use protection and fittings on round slings to avoid cutting, friction etc...)  
Read and understand the operating instructions before use.

### NEVER

Exceed Working Load.  
Shock-loading slings.  
Use slings at temperatures -40°C -100°C  
Drag a sling from underneath a load.  
Use slings which are cuts or have loose or damaged stitching.  
Expose slings to chemical active environments  
Expose slings to direct heat or flames



## LIFTING EYE TYPES

- Flat eye
- Reversed eye
- Folded eye 1/2 width from 1 side
- Folded eye 1/2 width from 2 sides
- Folded eye 1/3 width





## WEBBING SLINGS



### TEN HINTS FOR SAFE LIFTING

1. Consult sling load for conditions not shown.
2. Do not use sling if this tag is removed.
3. Inspect sling for damage between each use.
4. Do not use sling if there is any sign of cut webbing, snagging, heat or chemical damage, excessive wear, damaged seams, any other defects, or presence of grit, abrasive materials or other deteriorious matter .
5. Do not tie knots in sling webbing.
6. Protect sling webbing from sharp edges of load. Use protective sleeves.
7. Do not expose sling to temperatures above 90°C.
8. Do not allow abrasive or other damaging grit to penetrate the fibres.
9. Consult with manufacturer's recommendations before immersing a sling in chemical solutions.
10. Keep away from strong alkalies and phenolic compounds.



### ADVANTAGES

- Polyester Webbing Slings are much lighter and flexible, so very easy to handle and rig.
- Polyester slings do not damage sensitive or delicate surfaces resulting in lower wastage.
- Polyester Webbing Slings grip the load tightly along the contour of the load.
- Polyester Web Slings minimize the shock loading and can absorb heavy shocks without any damage.
- Polyester Web Slings are colour coded for easy identification and thus chances of misuse are very less.
- Polyester Slings can be visually inspected quite easily thereby saving frequent inspection and proof load testing.
- Polyester Webbing Slings do not rust or corrode and so do not weaken with age.
- Polyester Webbing Slings are quite easy to store as they are flexible and light weight.
- Polyester Slings have a long serving life and have a low initial cost which makes it very cost effective.
- Consumables like grease or hand gloves are not required while using Polyester Web Slings thereby reducing the recurring cost.
- Polyester Webbing Slings have no electrical conductivity.



### APPLICATION:

- Polyester Webbing Slings are used for:
  - Steel pipes, steel cables, steel plates.
  - All kinds of products that are made from copper, lead aluminum or steel.
  - Sculptures and carvings.
  - Different types of machines and spare parts.
  - Products of cement, glass, rubber, wood, plastic, paper ...
  - Types of stone blocks.
  - Lifting and lowering ships, large objects

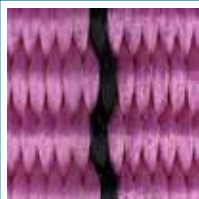
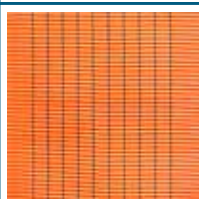




# AARDWOLF LIFTING SLINGS

## WEBBING SLINGS

### POLYESTER WEBBING SLING MATERIAL

Color code	Product code	Safety factor	Width		M.B.S	
			mm	inch	kg	lb
		5:1	25	0.98	3,125	6,889
		6:1	25 / 38	0.98 / 1.49	3,750	8,267
		7:1	30 / 50	1.49 / 1.96	4,500	9,920
		7:1	60	2.36	4,500	9,920
		8:1	50	1.96	50,000	110,231
		5:1	50	1.96	6,250	13,778
		6:1	50	1.96	7,500	16,534
		7:1	50	1.96	9,000	19,841
		8:1	65	2.55	10,000	22,046
		5:1	75	2.9	9,375	20,668
		6:1	75	2.9	11,250	24,802
		7:1	90	3.5	13,500	29,762
		8:1	95	3.7	15,000	33,069
		5:1	100	3.9	13,000	28,660
		6:1	100	3.9	15,000	33,069
		7:1	120	4.7	18,000	39,683
		8:1	120	4.7	20,000	44,092
		5:1	125	4.9	15,625	34,447
		6:1	125	4.9	18,750	41,336
		7:1	150	5.9	22,500	49,604
		8:1	150	5.9	25,000	55,115
		5:1	150	5.9	18,750	41,336
		6:1	150	5.9	22,500	49,604
		7:1	180	7	27,000	59,524
		8:1	180	7	30,000	66,138
		5:1	200	7.8	25,000	55,115
		6:1	200	7.8	30,000	66,138
		7:1	240	9.4	36,000	79,366
		8:1	240	9.4	40,000	88,184
		5:1	250	9.8	31,250	68,894
		6:1	250	9.8	37,500	82,673
		7:1	300	11.8	45,000	99,208
		8:1	300	11.8	50,000	110,231
		5:1	300	11.8	37,500	82,673
		6:1	300	11.8	45,000	99,208
		7:1	300	11.8	54,000	119,049



# AARDWOLF LIFTING SLINGS



## THE REINFORCED EYES

Protect the sling.  
Reduced friction

## SLING LABEL

Sling information  
and specification

## COLOR CODE & STRIP

Shows the work load limit

## SLING CORNER PAD

Protects the sling from  
sharp edges  
(Optional)



## DOUBLE-PLY WEBBING SLINGS

	Product code	Colour code	Webbing width		Straight Lift		Choked Lift		$\beta$ 0° - 7°		$\beta \leq 45^\circ$		$45^\circ < \beta \leq 60^\circ$	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
					1,0	0.39	0,8	0.31	2,0	0.78	1,4	0.55	1,0	0.39
		1T	25	0.98	1,000	39.4	800	31.5	2,000	78.7	1,400	55.1	1,000	39.4
		2T	50	1.96	2,000	78.7	1,600	62.9	4,000	157.5	2,800	110.2	2,000	78.7
		3T	75	2.9	3,000	118.1	2,400	94.5	6,000	236.2	4,200	165.3	3,000	118.1
		4T	100	3.9	4,000	157.5	3,200	125.9	8,000	314.9	5,600	220.5	4,000	157.5
		5T	125	4.9	5,000	196.9	4,000	157.5	10,000	393.7	7,000	275.5	5,000	196.9
		6T	150	5.9	6,000	236.2	4,800	188.9	12,000	472.4	8,400	330.7	6,000	236.2
		8T	200	7.8	8,000	314.9	6,400	251.9	16,000	629.9	11,200	440.9	8,000	314.9
		$\leq 10T$	250	9.8	10,000	393.7	8,000	314.9	20,000	787.4	14,000	551.2	10,000	393.7

## SLING LABEL

Sling information  
and specification

## COLOR CODE & STRIP

Shows the work load limit



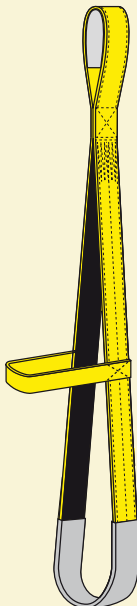

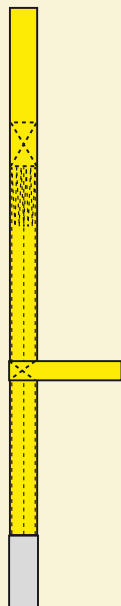
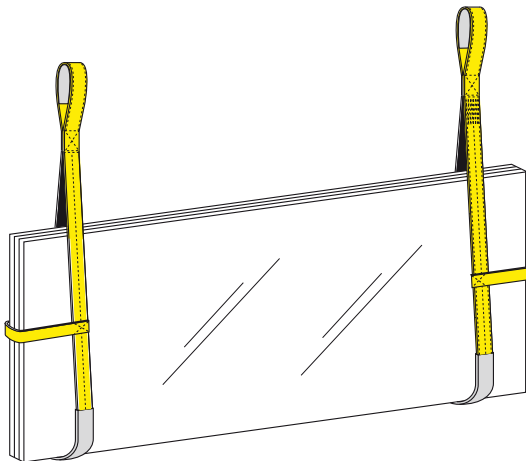
## DOUBLE-PLY ENDLESS WEBBING SLINGS

	Product code	Colour code	Webbing width		Straight Lift		Choked Lift		$\beta$ 0° - 7°		$\beta \leq 45^\circ$		$45^\circ < \beta \leq 60^\circ$	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
					1,0	0.39	0,8	0.31	2,0	0.78	1,4	0.55	1,0	0.39
		2 T	25	0.98	2,000	78.7	1,600	62.9	4,000	157.4	2,800	110.2	2,000	78.7
		4 T	50	1.96	4,000	157.4	3,200	125.9	8,000	314.9	5,600	220.4	4,000	157.4
		6 T	75	2.9	6,000	236.2	4,800	188.9	12,000	472.4	8,400	330.7	6,000	236.2
		8 T	100	3.9	8,000	314.9	6,400	251.9	16,000	629.9	11,200	440.9	8,000	314.9
		10 T	125	4.9	10,000	393.7	8,000	314.9	20,000	787.4	14,000	551.1	10,000	393.7
		12 T	150	5.9	12,000	472.4	9,600	377.9	24,000	944.8	16,800	661.4	12,000	472.4
		16 T	200	7.8	16,000	629.9	12,800	503.9	32,000	1259.8	22,400	881.8	16,000	629.9
		20 T	250	9.8	20,000	787.4	16,000	629.9	40,000	1574.8	28,000	1102.3	20,000	787.4



### LIFTING SLINGS FOR FLAT GLASS - SINGLE-EYE

**Optional:** Working load limit: 2 - 3 tones. Length: 2-6 meters

								
Product code	Colour code	Webbing width		W.L.L with 2 slings				
		mm	inch	kg	lb			
	2T	50	2.9	4,000	8,818			
	3T	75	3.9	6,000	13,228			



### LIFTING SLINGS FOR FLAT GLASS - DOUBLE-EYE

**Optional:** Working load limit: 3 - 6 tones. Length: 2-6 meters

Product code	Colour code	Webbing width		W.L.L with 2 slings	
		mm	inch	kg	lb
	3T	75	2.3	6,000	13,228
	6T	100	3.9	12,000	26,455

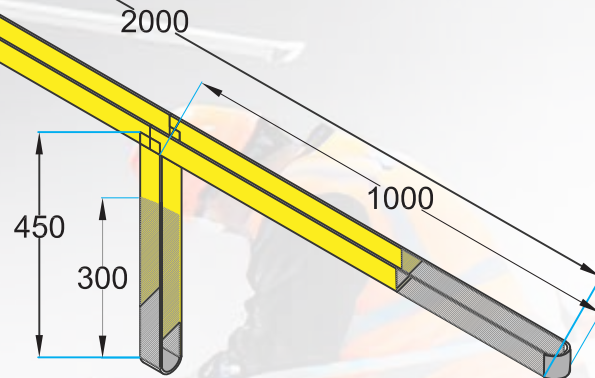


 **FOR HANDLING STONE SLABS**

**SIZE 1**

1.This sling is produced for lifting and moving monumental slabs and other low height slabs in combination with the Aardwolf spreader bar.

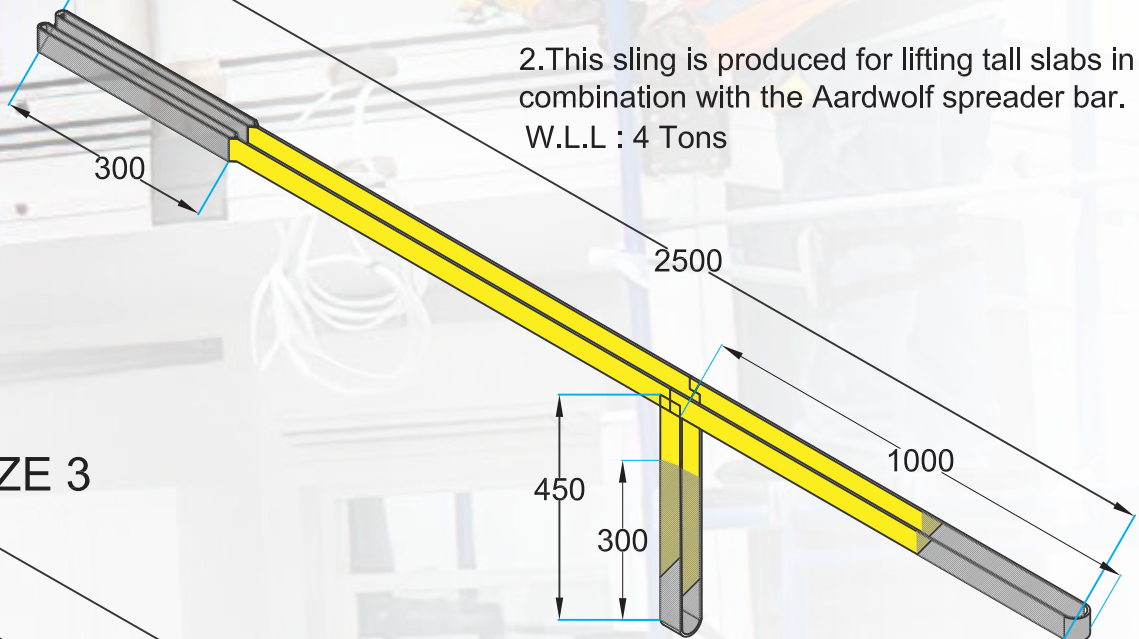
W.L.L : 4 Tons



**SIZE 2**

2.This sling is produced for lifting tall slabs in combination with the Aardwolf spreader bar.

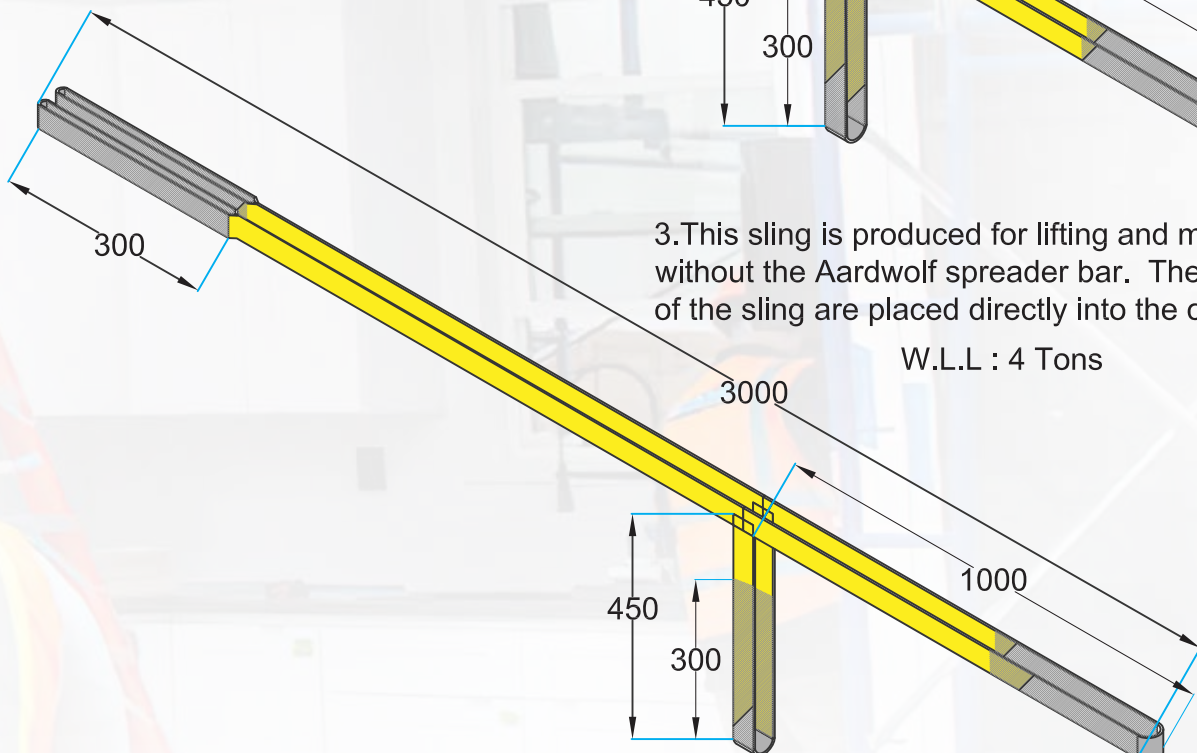
W.L.L : 4 Tons



**SIZE 3**

3.This sling is produced for lifting and moving slabs without the Aardwolf spreader bar. The lifting eyes of the sling are placed directly into the crane hook.

W.L.L : 4 Tons





## CAM BUCKLES

### 250KG CAM BUCKLES , COLOUR XXXXXXXXXX , WIDTH 25 MM

- 250kg rated strength with a minimum break strain of 125 DAN
- Used for securing loads
- All our Cam Buckles conform to EN12195- 2:2001 safety performance requirements
- Quick release buckle mechanism for easy use with grips on the buckle to prevent slipping
- Produced from 100% polyester material
- Available in 2.5m and 5m lengths
- 250kg Cam Buckles have a 25mm webbing width
- Custom-made Cam Buckle systems can be produced



### 1500KG CAM BUCKLES, COLOUR XXXXXXXXXX , WIDTH 50 MM

- 1500kg rated strength with a minimum break strain of 750 DAN
- Used for securing loads
- All our Cam Buckles conform to EN12195- 2:2001 safety performance requirements
- Quick release buckle mechanism for easy use with grips on the buckle to prevent slipping
- Produced from 100% polyester material
- Available in 4m, 6m (endless), and 6m (with J hooks) lengths
- 1500kg Cam Buckles have a 50mm webbing width
- Custom-made Cam Buckle systems can be produced





RATCHET STRAPS



- All our Ratchets conform to EN12195-2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Rubber corner protectors are available to protect the webbing (please see Rubber Wear Sleeves)
- Each part of the Mini Ratchet is marked with the manufacturers mark, size, length, and ID mark
- Individual certification can be supplied

- Ratchet handle and hook size chart is available in the Technical Specification Section
- All our Mini Ratchet Straps are measured from bearing point to bearing point.

## 800KG RATCHET STRAPS, COLOUR , WIDTH 25 MM

- 800kg rated strength with a minimum break strain of 400 DAN
- Used for securing/lashing and fastening loads
- Available in 1.5m (endless), 4.5m (endless and with hooks), and 10m (endless lengths)
- Available in 1.5m, 4.5m, 10m endless, 4.5m with hooks, and blue 4.5m PVC S-hooks
- Custom-made 800kg mini lashing systems can be produced



## 1000KG RATCHET STRAPS, COLOUR , WIDTH 25 MM

- 1000kg rated strength with a minimum break strain of 500 DAN
- Used for securing/lashing and fastening loads
- Available in 4.5m (endless) and 4.5m (with hooks) lengths
- 1000kg Mini Ratchets have a 25mm webbing width
- Custom-made 1000kg mini lashing systems can be produced



## 1500KG RATCHET STRAPS, COLOUR , WIDTH 25 MM

- 1500kg rated strength with a minimum break strain of 750 DAN
- Available in 4m to 12m lengths
- 1500kg Ratchets have a 25mm webbing width
- Supplied with 'J' hooks
- Custom-made 1500kg lashing systems can be produced





## 2000KG RATCHET STRAPS, COLOUR , WIDTH 50 MM

- 2000kg rated strength with a minimum break strain of 1000 DAN
- Used for securing/lashing and fastening loads
- All our Ratchets conform to EN12195- 2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Available in lengths from 4m to 12m lengths
- 2000kg Ratchets have a 50mm webbing width
- Supplied with 'J' hooks and 'snap hooks' in the 12m length
- Custom-made 2000kg lashing systems can be produced



## 4000KG RATCHET STRAPS, COLOUR , WIDTH 50 MM

- 4000kg rated strength with a minimum break strain of 2000 DAN
- Used for securing/lashing and fastening loads
- All our Ratchets conform to EN12195-2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Available in lengths from 4m to 12m lengths
- 4000kg Ratchets have a 50mm webbing width
- Supplied with 'J' hooks
- Custom-made 4000kg lashing systems can be produced



## 5000KG RATCHET STRAPS, COLOUR , WIDTH 50 MM

- 5000kg rated strength with a minimum break strain of 2500 DAN
- Used for securing/lashing and fastening loads
- All our Ratchets conform to EN12195- 2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Available in lengths from 4m to 20m lengths
- Webbing part only and Ratchet handle only options are available
- 5000kg Ratchets have a 50mm webbing width
- Supplied with 'J' hooks in all lengths
- Custom-made 5000kg lashing systems can be produced



## 6000KG RATCHET STRAPS, COLOUR , WIDTH 50 MM

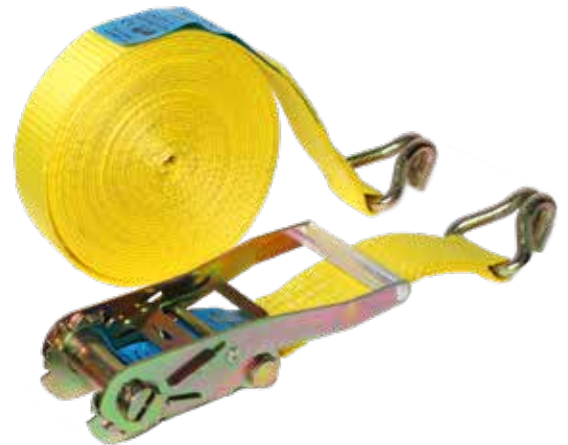
- 6000kg rated strength with a minimum break strain of 3000 DAN
- Used for securing/lashing and fastening loads
- All our Ratchets conform to EN12195- 2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Available in 4m to 20m lengths
- Supplied with 'J' hooks
- Custom-made 6000kg lashing systems can be produced





## 8000KG RATCHET STRAPS, COLOUR , WIDTH 75 MM

- 8000kg rated strength with a minimum break strain of 4000 DAN
- Used for securing/lashing and fastening loads
- All our Ratchets conform to EN12195- 2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Available in 4m to 20m lengths
- 8000kg Ratchets have a 75mm webbing width
- Supplied with 'J' hooks
- Custom-made 8000kg lashing systems can be produced



## 10,000KG RATCHET STRAPS, COLOUR , WIDTH 100 MM

- 10,000kg rated strength with a minimum break strain of 5000 DAN
- Used for securing/lashing and fastening loads
- All our Ratchets conform to EN12195- 2:2001 safety performance requirements
- Quick release mechanism for easy use
- Produced from 100% polyester material
- Available in 4m to 20m lengths.
- 10,000kg Ratchets have a 100mm webbing width
- Supplied with 'J' hooks
- Custom-made 10,000kg lashing systems can be produced



## WEAR SLEEVES

- Made of hard-wearing, flexible rubber
- Protects Ratchet webbing from abrasion on sharp surfaces and general wear and tear
- 38 mm Wear Sleeve is suitable for 800kg, 1000kg, 1500kg, and 3000kg Ratchets
- 50 mm Wear Sleeve is suitable for 2000kg, 4000kg, and 5000kg Ratchets
- 100 mm Wear Sleeve is suitable for 8000kg and 10,000kg Ratchet

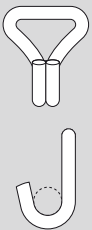

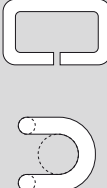

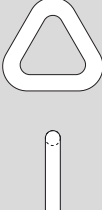





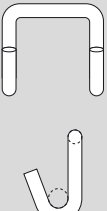




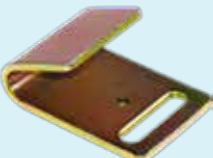




# AARDWOLF LIFTING PRODUCTS









## END FITTING

Double Hook		Close Rave Hook		D-Ring		Hook & Keeper	
							

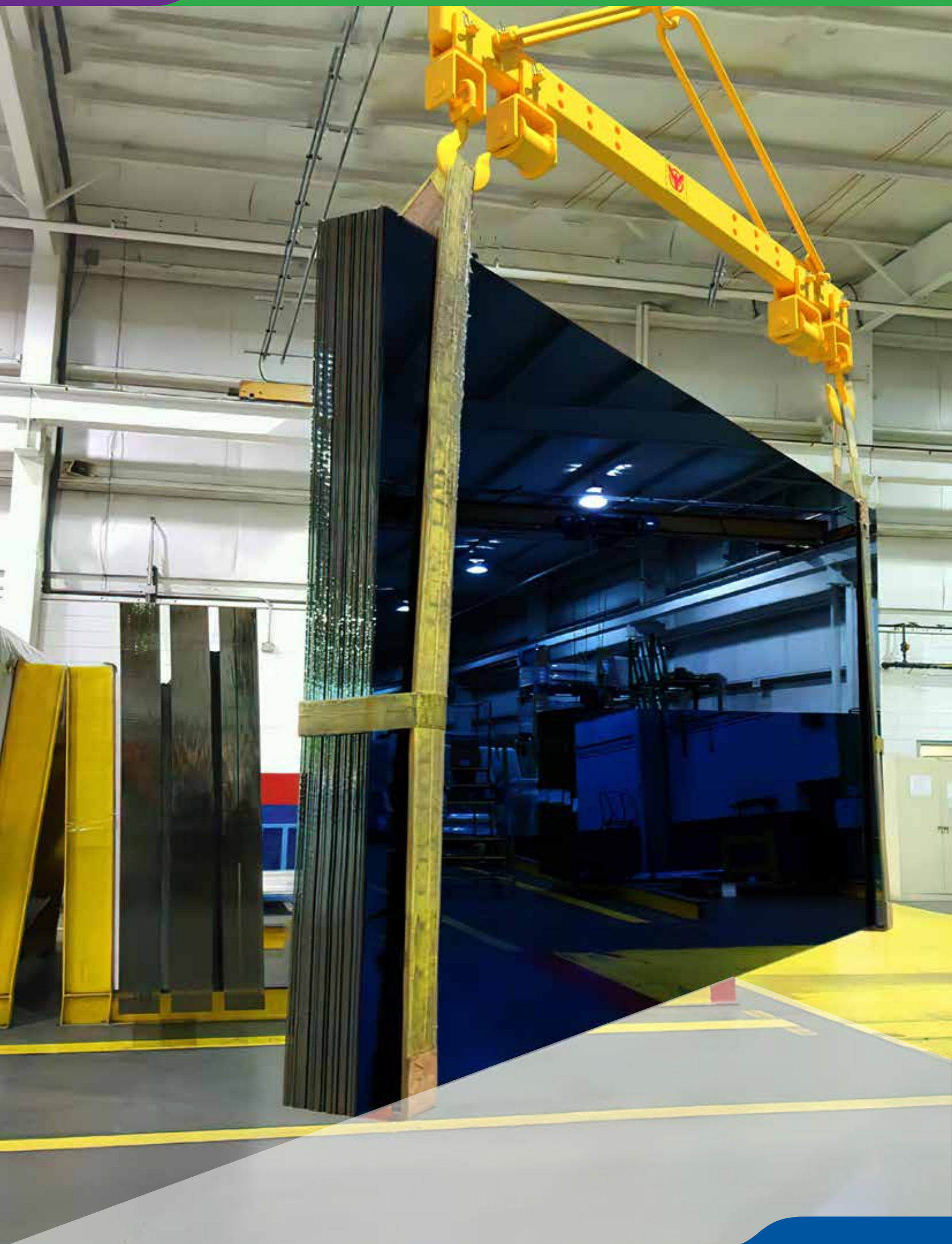
Claw Hook		Flat Snap Hook		Flat Hook		Hook	
							



## SWIVEL HOOK & BOW SHACKLE

Swivel Hook 1.5T	Swivel Hook 3T	Swivel Hook 7T	Bow Shackle 1.5T	Bow Shackle 3T					
									
SWIVEL HOOK					BOW SHACKLE				
Product code	Work Load Limit		Net weight		Product code	Work Load Limit		Net weight	
	kg	lb	kg	lb		kg	lb	kg	lb
SH15T	1500	3307	0.62	1.36	BS13T	1500	3307	0.2	0.44
SH30T	3000	6614	1.4	3.1	BS30T	3250	7165	2.2	4.8
SH70T	7000	15,432	4	9					

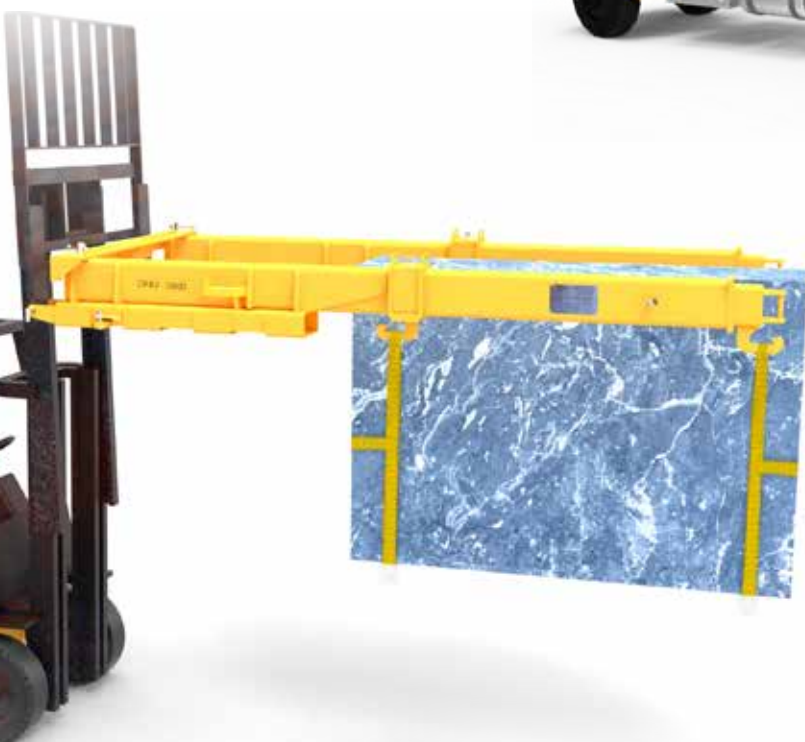






## SLAB BUNDLE HANDERS

Product code	Work Load Limit		Net weight	
	kg	lb	kg	lb
GBH01	2,500	5,511	2,030	4,475
SBH01	3,000	6,614	2,000	4,408
SBH02	5,000	11,023	3,200	7,055



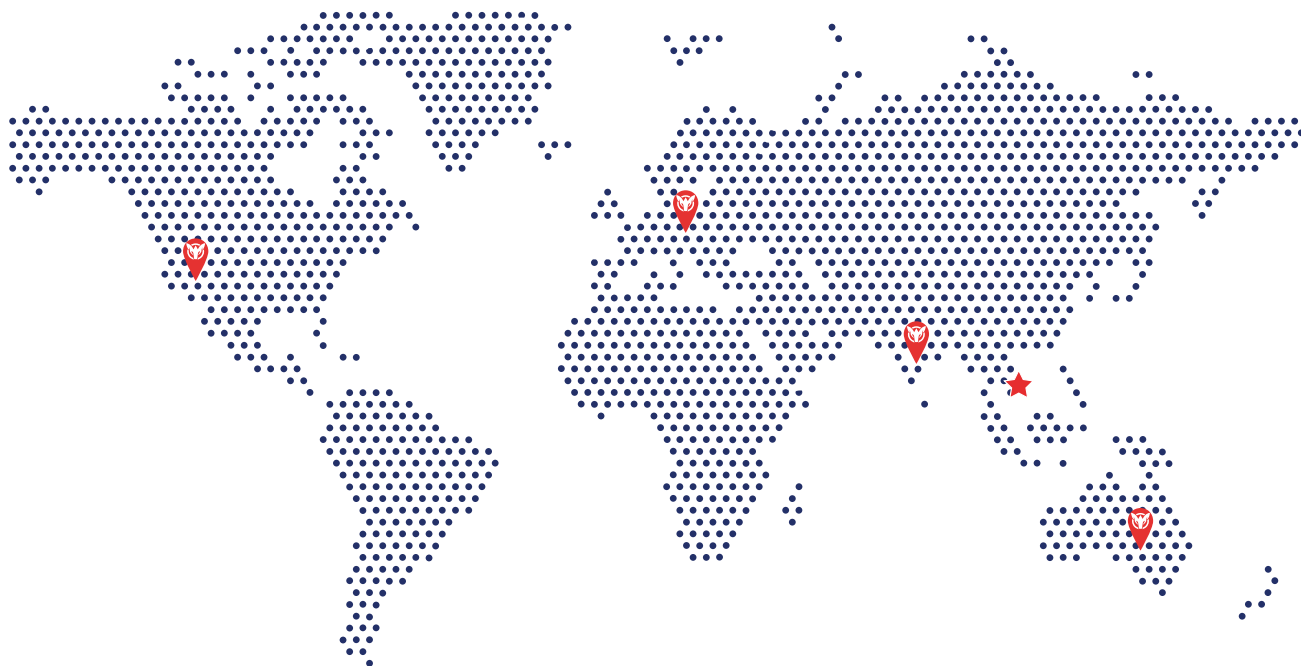
## DOUBLE FORKLIFT BOOM

Product code	Work Load Limit		Net weight	
	kg	lb	kg	lb
DFB2-5000	5,000	11,023	700	1543

## SPREADER BEAMS

Product code	Work Load Limit		Net weight	
	kg	lb	kg	lb
ASB-2.5T	2,500	5,511	46	101
ASB-3.5T	3,500	7,716	73	161
ASB-5T	5,000	11,023	104.7	231





## AUSTRALIA



### AARDWOLF AUSTRALIA

- 📍 1/5 Stanton Road, Seven Hills NSW 2147
- ☎ 02 9838 8427
- ✉ enquiries@aardwolfaustralia.com
- 🌐 www.aardwolfaustralia.com

## BULGARIA



### AARDWOLF BULGARIA

- 📍 Str. Usta Kolio Ficheto 33
- ☎ +359 887 933 754

## INDIA



### AARDWOLF INDIA

- 📍 Harmara Road, Industrial Area, Madanganj, Kishangarh, District- Ajmer, Rajasthan India 305801
- ☎ +91 73000 68444
- ✉ sales@aardwolf.co.in
- 🌐 www.aardwolf.co.in

## GERMANY



### DE TOOL RANGE GMBH

- 📍 Schulze-Delitzsch-Weg 2, 33175 Bad Lippspringe
- ☎ 05252 8382830
- ✉ sales@toolrange.com.de
- 🌐 toolrange.com.de

## USA



### AARDWOLF USA

- 📍 9401 Norwalk Blvd, Santa Fe Springs, CA 90670
- ☎ (562) 553-6050
- ✉ sales@aardwolfusa.com
- 🌐 www.aardwolfusa.com

## VIETNAM



### AARDWOLF VIETNAM

- 📍 1B, An Phu, Thuan An City, Binh Duong Province, Vietnam
- ☎ +84 931 707 793
- ✉ info@aardwolf.com.au
- 🌐 www.aardwolf.com.au

AARDWOLF PRODUCT VIDEO  
[www.youtube.com/user/AardwolfGroup](http://www.youtube.com/user/AardwolfGroup)

