



AIRSTA



10

EQUIPMENT
FOR ARBORISTS

2020

V09 | 29.10.2019



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TH 050

Harness for arborists

REF. TH 150 01

EN 813, EN 358



TH 050 sit harness for arborists equipped with cushioned waist belt and suspension seat, adjusting buckles, lateral work positioning point conform with EN 813. Quick release buckles. Comfortable putting on taking off. The TH 050 sit harness is the basic equipment for working at heights, mainly on trees, poles, building constructions, etc.

TH 150 01	M-XL	2500 g
TH 150 02	XXL	2600 g



TH 020

Harness for arborists

REF. TH 120 01

EN 358, EN 813



LATERAL WORK
POSITIONING POINT



ADJUSTING BUCKLES

TH 020 sit harness for arborists equipped with cushioned waist belt and suspension seat, adjusting buckles, side catch clamps and suspension point conform with EN 813:2008. Aluminium adjusting buckles. No risk of accidental unbuckling.

The TH 020 sit harness is the basic equipment for working at heights, mainly on trees, poles, building constructions, etc.

TH 120 01	M-XL	1450 g
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TH 120 02	XXL	1490 g
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TH 030

Harness for arborists

REF. TH 130 01

EN 358, EN 813



LATERAL WORK
POSITIONING POINT



ADJUSTING BUCKLES

TH 030 sit harness for arborists equipped with cushioned waist belt and suspension seat, adjusting buckles, side catch clamps and suspension point conform with EN 813:2008. Automatic stapling-adjustment buckles. Comfortable putting on taking off.

The TH 030 sit harness is the basic equipment for working at heights, mainly on trees, poles, building constructions, etc.

TH 130 01	M-XL	1780 g
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TH 130 02	XXL	1820 g
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REF. AB 171 02

EN 361, EN 358, EN 813

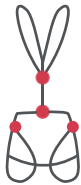


EN 361
DORSAL
ATTACH POINT

EN 361
FRONT ATTACH POINT

EN 813
FRONT ATTACH POINT
FOR SITTING POSITION

EN 358
LATERAL WORK
POSITIONING POINT



4 POINTS FRONT



1 POINT BACK



AB 171 02	M-XL	1720 g
AB 171 02	XXL	1820 g



REF. AB 190 01

EN 361, EN 358, EN 813



Multifunctional safety harness with an ergonomic pad for the back and thighs and the hip belt, equipped with dorsal and front anchorage point and an anchorage point for work in suspended position. Adjustable shoulder and breast straps. Sit harness with side catch clamps.

AB 190 01	M-XL	1950 g
AB 190 01	XXL	2030 g

VS 010

Warning waistcoat

REF. VS 010



High visibility vest with reflective tapes

Material:	85% polyamide, 15% cotton
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Width of tape:	30 mm
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Weight:	300 g
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Waist size:	100 - 130 cm
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COLORS AVAILABLE



VS 011

Warning waistcoat

REF. VS 011



High visibility vest with reflective tapes

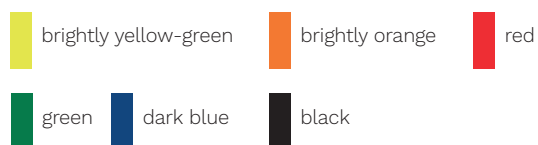
Material:	100% polyester
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Width of tape:	30 mm
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Weight:	300 g
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Waist size:	100 - 130 cm
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COLORS AVAILABLE FARBEN ERHÄLTICH



DR 1

Steel climbing spikes

REF. SP501



Aluminium climbing spikes with adjustable height of the calf padding, the padding additionally equipped with metal plate bracing the leg, connected with a bow by an articulated joint. The set comprises of two replaceable spikes (short and long) made of hardened steel.

Material:	steel, leather, felt
Weight:	3,75 kg

DR 2

Steel climbing spikes

REF. SP505



Steel climbing spikes with adjustable height of the soft calf padding. The set comprises of two replaceable spikes (short and long) made of hardened steel.

Material:	steel, leather, felt
Weight:	3,80 kg

DR 2A Aluminium climbing spikes

REF. SP502



Aluminium climbing spikes with adjustable height of the soft calf padding. The set comprises of two replaceable spikes (short and long) made of hardened steel.

Material:	aluminium, leather, felt
Weight:	2,56 kg

DR 3 Steel climbing spikes

REF. SP506



Steel climbing spikes with adjustable height of the calf padding (the padding additionally equipped with metal plate bracing the leg). The set comprises of two replaceable spikes (short and long) made of hardened steel.

Material:	steel, leather, felt
Weight:	3,85 kg



DR 3A Aluminium climbing spikes

REF. SP503



Aluminium climbing spikes with adjustable height of the calf padding, the padding additionally equipped with metal plate bracing the leg, connected with a bow by an articulated joint. The set comprises of two replaceable spikes (short and long) made of hardened steel.

Material:	aluminium, leather, felt
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Weight:	2,56 kg
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DR 4 Steel climbing spikes

REF. SP504



Steel climbing spikes with soft calf padding. The set comprises of two replaceable spikes (short and long) made of hardened steel.

Material:	steel, leather, felt
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Weight:	4,80 kg
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Spare parts

		REF.	DR 1	DR 2	DR 2A	DR 3	DR 3A	DR 4
	SP 051 Short spike - set	SP051			•		•	
	SP 052 Long spike - set	SP052			•		•	
	SP 053 Short spike - set	SP053	•	•		•		•
	SP 054 Long spike - set	SP054	•	•		•		•
	SP 060 Lower strip ass-y	SP060	•	•	•	•	•	•
	SP 061 Long belt	SP061	•	•	•	•	•	•
	SP 062 Long belt bottom fastening	SP062	•	•	•	•	•	•
	SP 063 Short belt bottom fastening	SP063	•	•	•	•	•	•
	SP 064 Catch ring	SP064	•	•	•	•	•	•
	SP 065	SP065	•	•	•	•	•	•
	SP 070 Braced calf padding	SP070				•	•	•
	SP 071 Left leg padding	SP071	•	•	•			
	SP 072 Right leg padding	SP072	•	•	•			
	SP 073	SP073				•	•	•
	SP 080 Attachment	SP080		•	•	•	•	



PROT 10 Work positioning device

REF. AF150 **EN 358** 



PROT 10 for work positioning conform with EN 358 with AZ 060 snap hook (opening: 21 mm) and AZ 011 (opening: 18 mm). PROT 10 is provided with an adjusting mechanism made of stainless steel.

Cut proof lanyard: polyester braided steel rope Ø 16 mm

Adjusting mechanism: stainless steel

Cable protective sleeve: coated fabric

AF150200 2,0 m

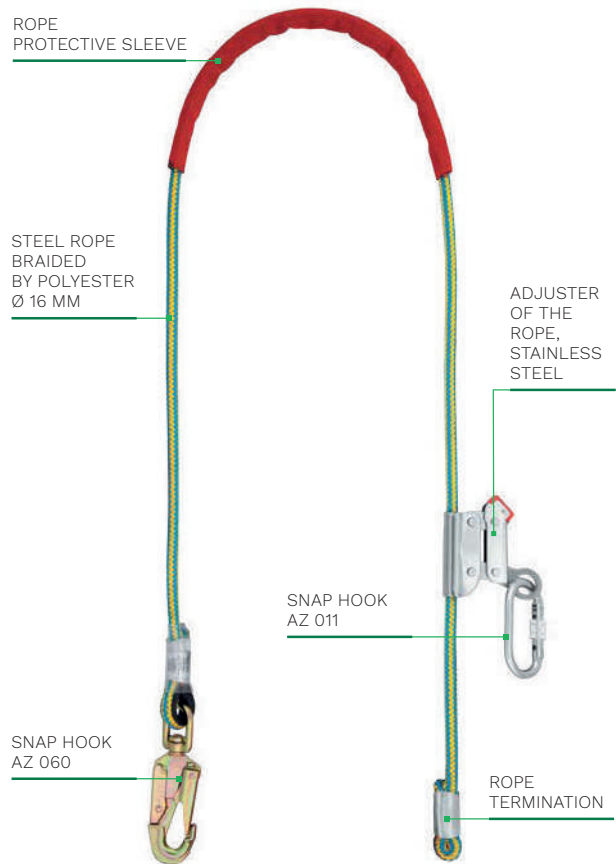
AF150300 3,0 m

AF150400 4,0 m

AF150500 5,0 m

PROT 10S Work positioning device

REF. AF151 **EN 358** 



PROT 10S for work positioning conform with EN 358 with AZ 060 snap hook (opening: 21 mm) and AZ 011 (opening: 18 mm). PROT 10S is provided with an adjusting mechanism made of galvanized steel.

Cut proof lanyard: polyester braided steel rope Ø 16 mm

Adjusting mechanism: stainless steel

Cable protective sleeve: coated fabric

AF151200 2,0 m

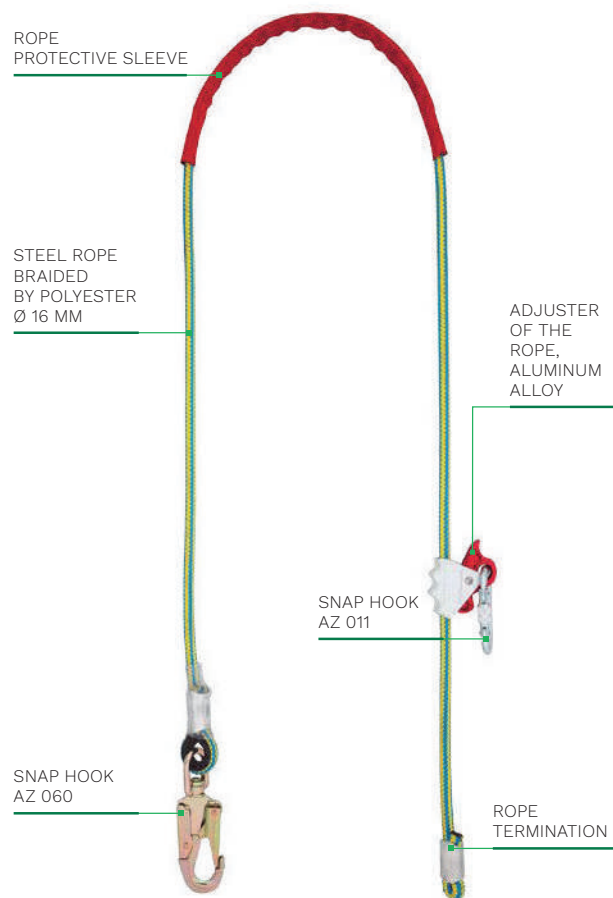
AF151300 3,0 m

AF151400 4,0 m

AF151500 5,0 m

PROT 30 Work positioning device

REF. AF160 **EN 358** **CE**



PROT 30 for work positioning conform with EN 358 with AZ 060 snap hook (opening: 21 mm) and AZ 011 (opening: 18 mm). PROT 30 is provided with an adjusting mechanism made of light alloys.

Cut proof lanyard: polyester braided steel rope Ø 16 mm

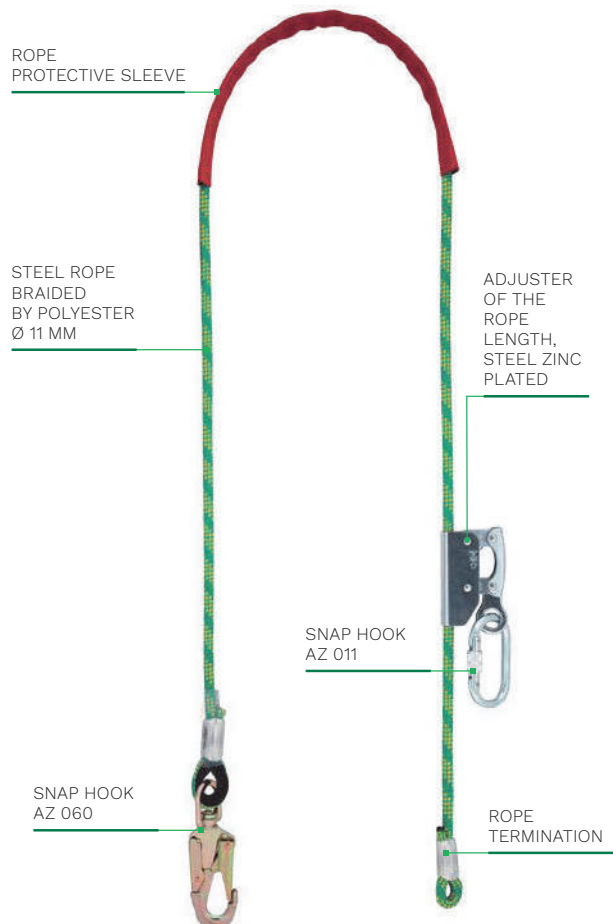
Adjusting mechanism: light alloys

Cable protective sleeve: coated fabric

AF160200	2,0 m
AF160300	3,0 m
AF160400	4,0 m
AF160500	5,0 m

PROT 40 Work positioning device

REF. AF140 **EN 358** **CE**



PROT 40 for work positioning conform with EN 358. PROT 40 is provided with an adjusting mechanism made of chromium plated steel.

Girding lanyard: polyester braided steel cable Ø 11 mm

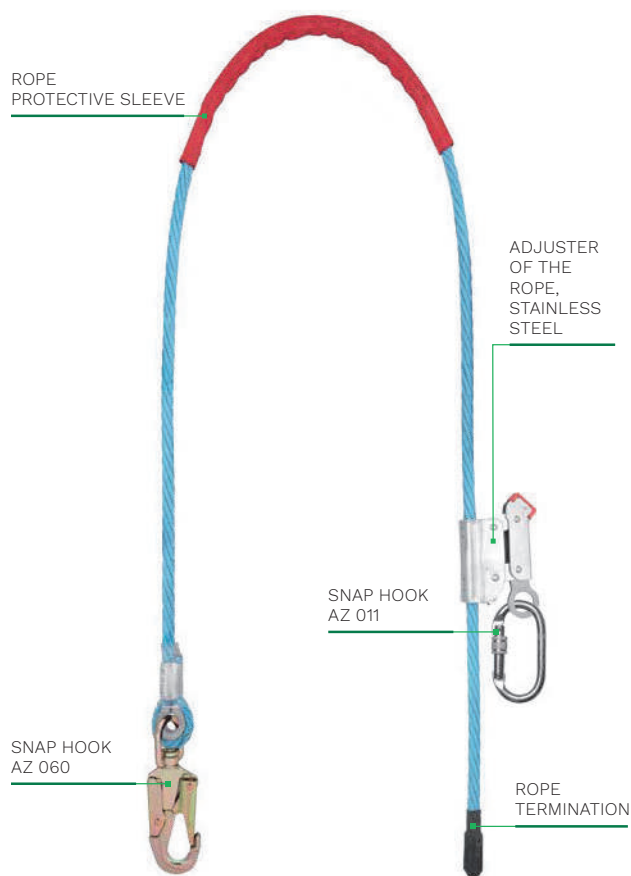
Adjusting mechanism: chromium plated steel

Cable protective sleeve: coated fabric

AF140200	2,0 m
AF140300	3,0 m
AF140400	4,0 m
AF140500	5,0 m

PROT 70 Work positioning device

REF. AF170 **EN 358**



PROT 70 for work positioning conform with EN 358 with AZ 060 snap hook (opening: 21 mm) and AZ 011 (opening: 18 mm). PROT 70 is provided with an adjusting mechanism made of stainless steel. Special designed for work on the palms.

Cut proof lanyard: polypropylene braided steel rope Ø 16 mm

Adjusting mechanism: stainless steel

Cable protective sleeve: coated fabric

AF170200 2,0 m

AF170300 3,0 m

AF170400 4,0 m

AF170500 5,0 m

TU 010 Work positioning device

REF. TU010 **EN 358**



Cut proof lanyard: polyester braided steel rope Ø 11 mm

Cable end: strong crimped aluminium bits

Cable protective sleeve: coated fabric

TU010200 2,0 m

TU010300 3,0 m

TU010400 4,0 m

TU010500 5,0 m

TU 011

Work positioning device

REF. TU011 **EN 358**



Cut proof lanyard: polyester braided steel rope Ø 11 mm

Cable end: strong crimped aluminium bits, at one end aluminium snap hook AZ32DT with triple lock provided with a swivel shackle

Cable protective sleeve: coated fabric

TU011200 2,0 m

TU011300 3,0 m

TU011400 4,0 m

TU011500 5,0 m



TU 500

Tree calbing strap

REF. TU500



EN 358

Arborist girdle designed to provide elastic binding to improve the tree statics. They allow growth of the bound parts of trees and do not damage the trees. Made of triple 50mm wide polyester tape, terminated with forged steel buckles.

Lenghts:	90, 100, 120 cm available also in other lengths
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Static strength:	≥ 25 kN
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AZ500090	90 cm
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AZ500100	100 cm
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AZ500120	120 cm
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TU 501

Tree calbing strap

REF. TU501



EN 358

Arborist girdle designed to provide elastic binding to improve the tree statics. They allow growth of the bound parts of trees and do not damage the trees. Made of 45 mm wide polyester tape, terminated with forged steel D-ring buckles. Provided with tape for fixing on a tree trunk.

Lenghts:	90, 100, 120 cm available also in other lengths
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Static strength:	≥ 25 kN
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AZ501040	40 cm
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AZ501080	80 cm
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AZ501120	120 cm
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TU 900

Cambium saver

REF. TU900 **EN 795 Typ B**



Work positioning lanyard TU 900 is terminated with rings of different diameters. Rigid flat tape reduces twisting. TU 900 ensures protection of tree branches and facilitates moving the cable at work position height.

Lenghts: 90, 100, 120 cm
available also in other lengths

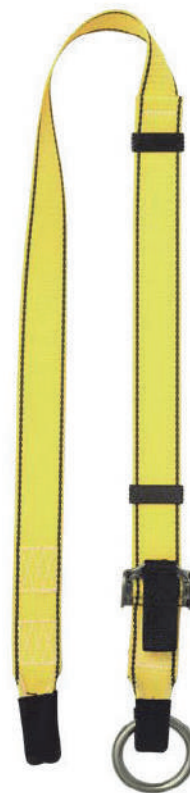
Static strength: 25 kN

Weight: 280 g / 1m

AZ 600

Harness for arborists

REF. AZ600 **EN 795 Typ B**



Portable anchoring point. One end is terminated with a metal ring. The webbing is provided with an adjustable buckle.

Material: textile webbing

Wide of tape: 40 mm

Lenght: 1 m ÷ 20 m

Static strength: 22 KN

AZ600002 1,5 m

AZ600003 3,0 m

AZ600006 6,0 m

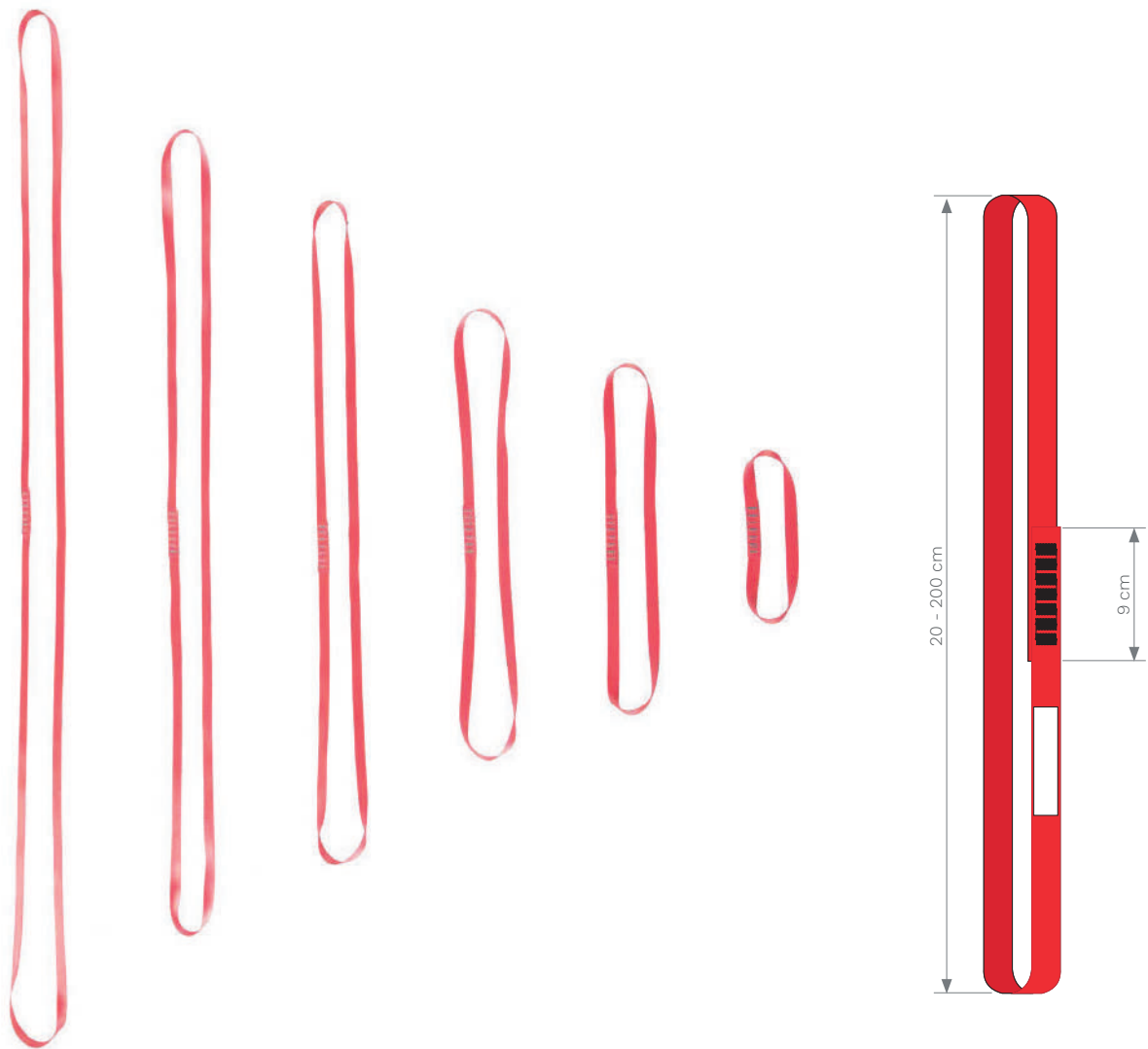
AZ600010 10,0 m

EQUIPMENT FOR WORK POSITIONING



REF. AZ900

EN 354, EN 566, EN 795 Typ B



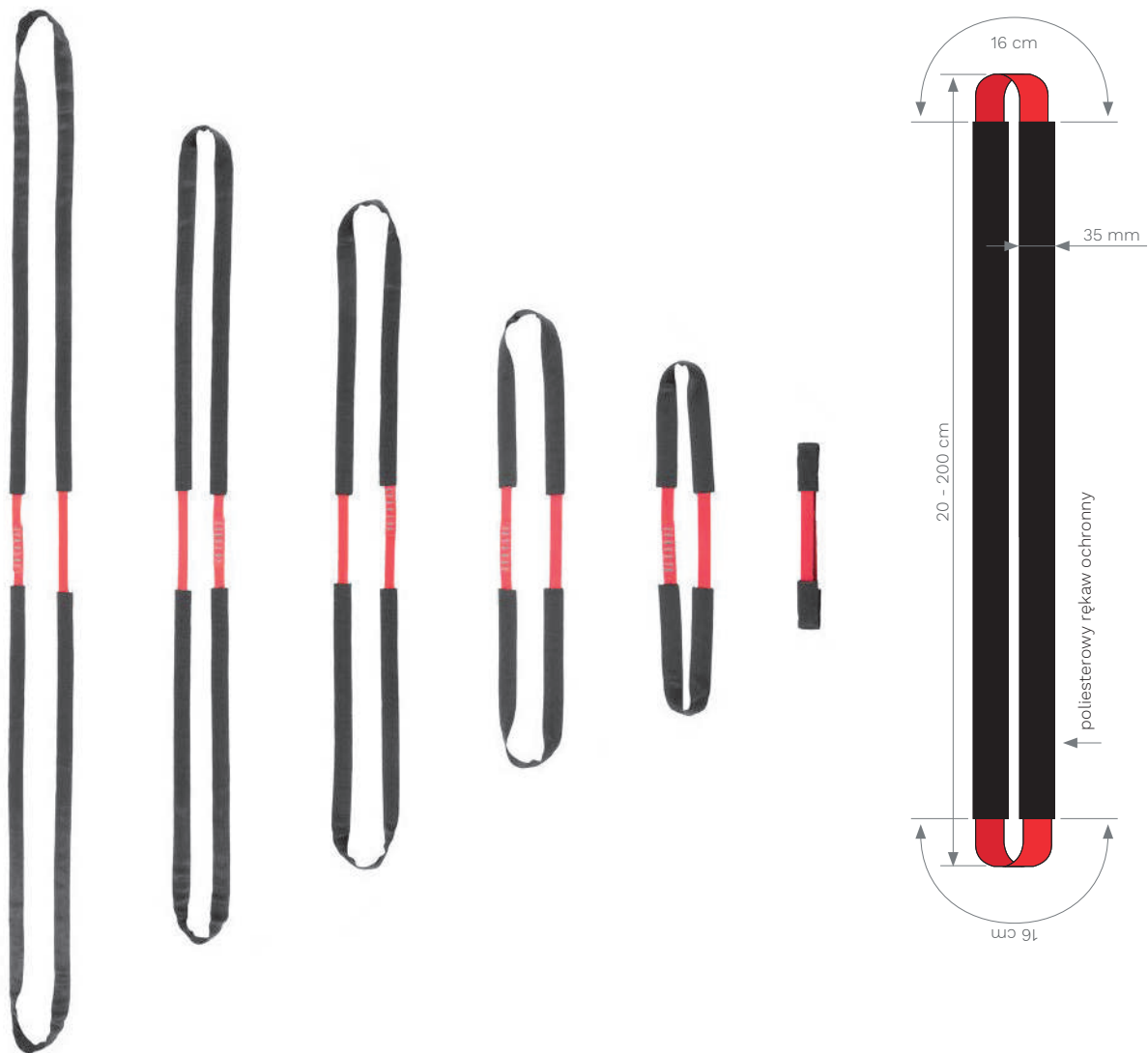
AZ 900 webbing sling is:

- 1. a component of the safety equipment arresting falls from heights including safety energy absorbers (e.g. ABM). Connecting and shock-absorbing element conform with EN 354,
- 2. a component of safety equipment arresting falls from heights used for connecting the connecting and shock-absorbing element to a fixed structure.

Material:	textile webbing
Width of webbing:	21 mm
Lenght:	30 cm ÷ 200 cm
Static strength:	22 KN
AZ900030	30 cm
AZ900060	60 cm
AZ900080	80 cm
AZ900120	120 cm
AZ900150	150 cm
AZ900200	200 cm

REF. AZ 900R

EN 354, EN 566, EN 795 Typ B



AZ 900R webbing sling is:

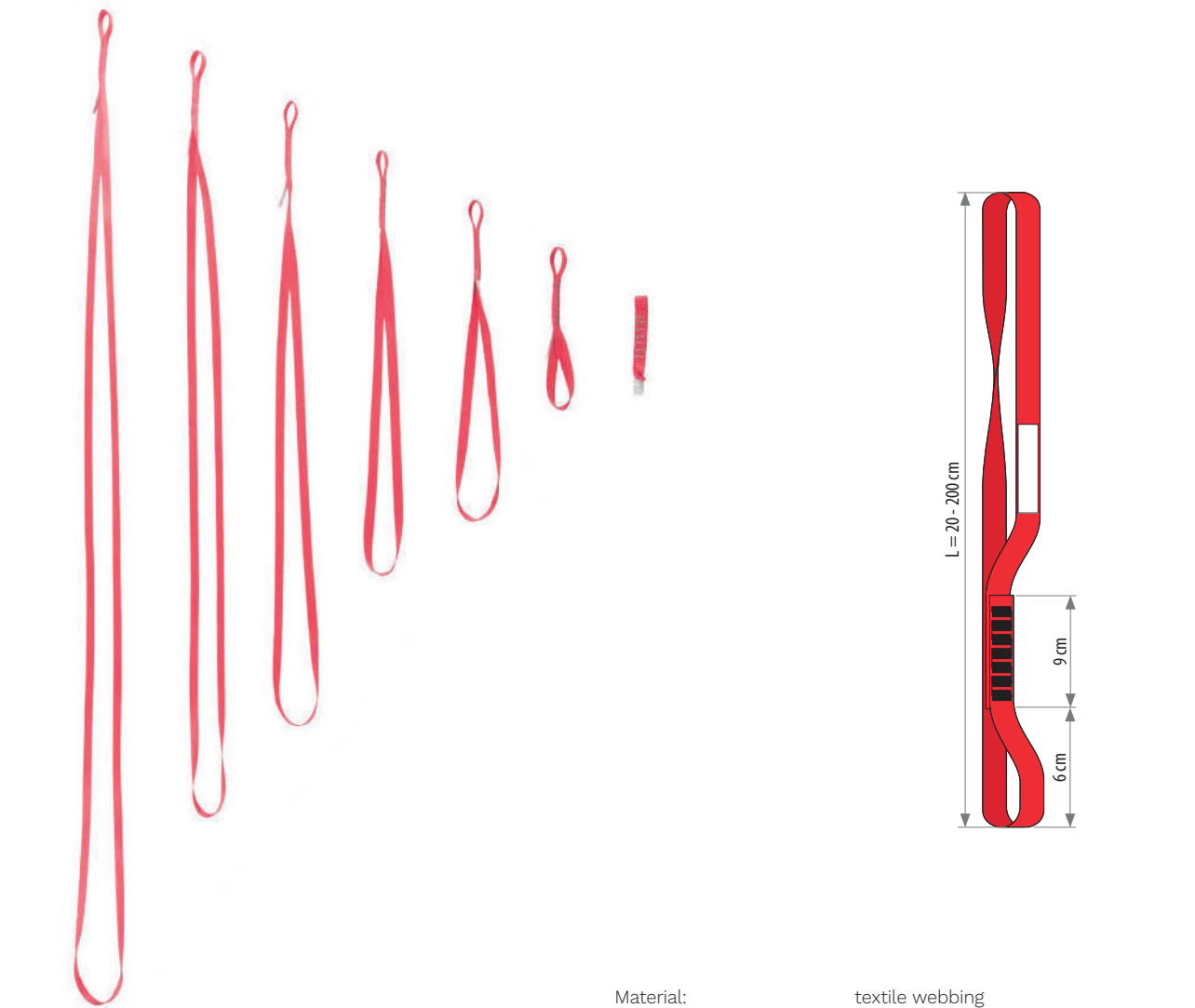
- 1. a component of the safety equipment arresting falls from heights including safety energy absorbers (e.g. ABM). Connecting and shock-absorbing element conform with EN 354,
- 2. a component of safety equipment arresting falls from heights used for connecting the connecting and shock-absorbing element to a fixed structure.

Material:	textile webbing
Width of webbing:	21 mm
Lenght:	30 cm ÷ 200 cm
Static strength:	22 KN
AZ9000R30	30 cm
AZ9000R60	60 cm
AZ9000R80	80 cm
AZ900R120	120 cm
AZ900R150	150 cm
AZ900R200	200 cm



REF. AZ 920

EN 354, EN 566



AZ 920 webbing sling is:

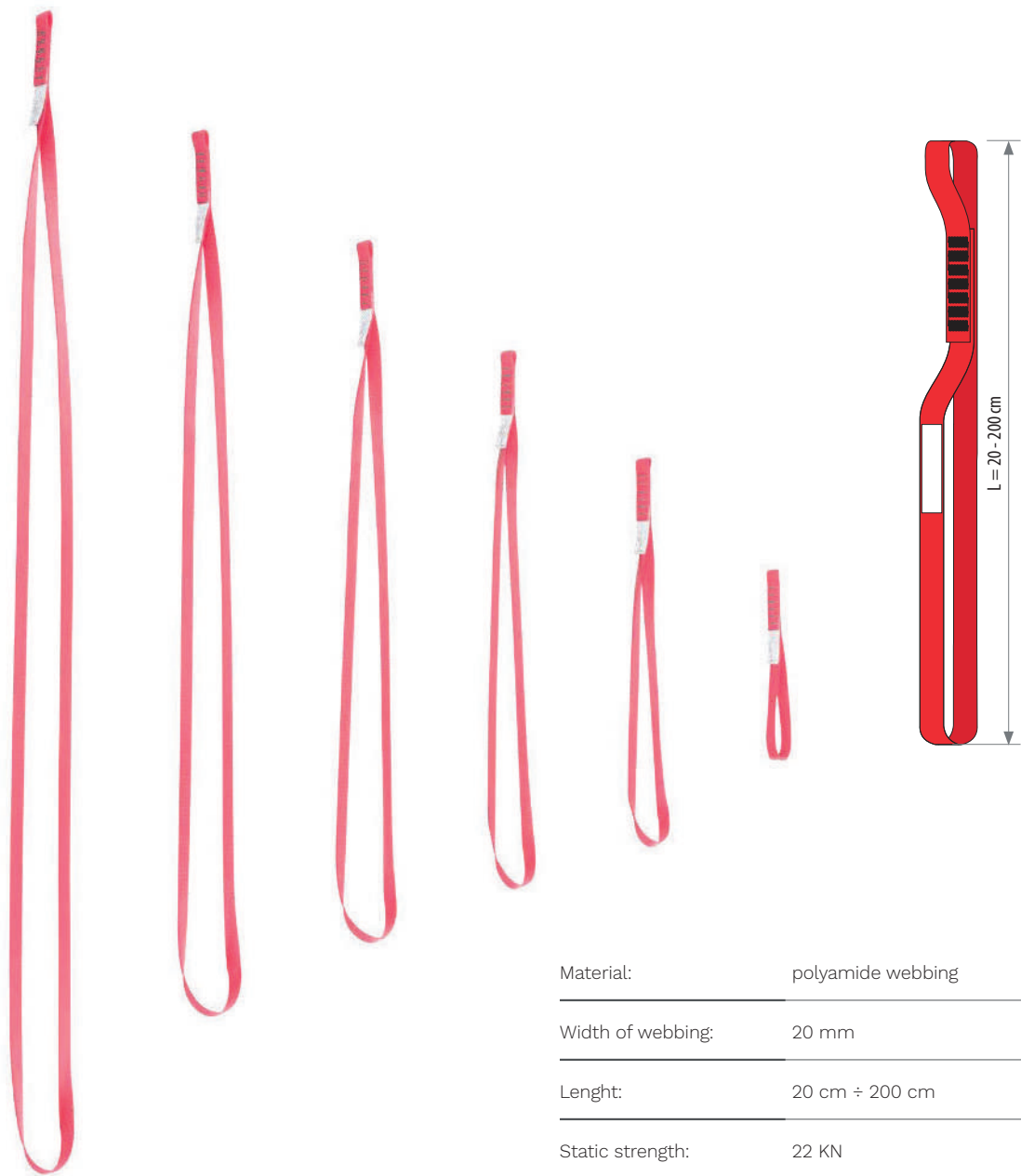
1. a component of the safety equipment arresting falls from heights including safety energy absorbers (e.g. ABM). Connecting and shock-absorbing element conform with EN 354,
2. a component of safety equipment arresting falls from heights used for connecting the connecting and shock-absorbing element to a fixed structure.

Material:	textile webbing
Width of webbing:	20 mm
Lenght:	20 cm ÷ 200 cm
Static strength:	22 KN

AZ 920 020	20 cm
AZ 920 030	30 cm
AZ 920 060	60 cm
AZ 920 080	80 cm
AZ 920 120	120 cm
AZ 920 150	150 cm
AZ 920 200	200 cm

REF. AZ 930

EN 354, EN 566



Material:	polyamide webbing
Width of webbing:	20 mm
Lenght:	20 cm ÷ 200 cm
Static strength:	22 KN

AZ 930 020	20 cm
AZ 930 030	30 cm
AZ 930 060	60 cm
AZ 930 080	80 cm
AZ 930 120	120 cm
AZ 930 150	150 cm
AZ 930 200	200 cm



AY 051 Tool strap

REF. AY 051



Heavy duty tool strap for heavier tools such as drills, grinders and chainsaws. End loop to attach to harness. Terminating in a loop to attach tools.

Material:	polyester
Width of tape:	25 mm
Length:	1.3 m
Static strength:	5 kN
SWL:	50 kg
Safety factor:	7:1

AY 052 Tool strap

REF. AY 052



Heavy duty tool strap for heavier tools such as drills, grinders and chainsaws. End loop to attach to harness. Terminating in a loop and metal ring to attach tools.

Material:	polyester
Width of tape:	25 mm
Length:	1.3 m
Static strength:	5 kN
SWL:	50 kg
Safety factor:	7:1

AY 053 Tool strap

REF. AY 053

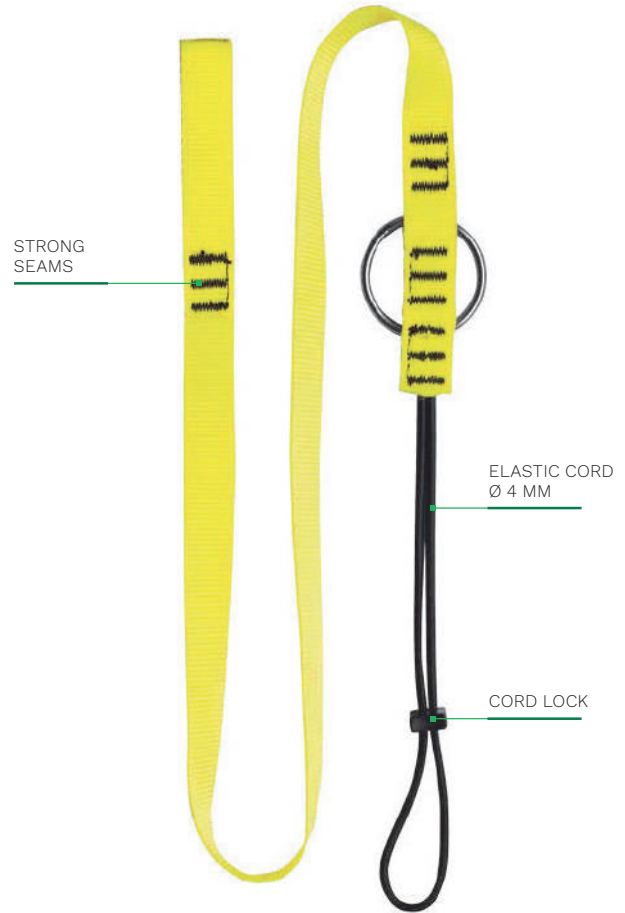


Heavy duty elasticated tool strap for heavier tools such as drills, grinders and chainsaws. End loop to attach to harness. Terminating in a loop and steel ring to attach tools.

Material:	polyester
Width of tape:	25 mm
Length:	1.3 m
Static strength:	5 kN
SWL:	50 kg
Safety factor:	7:1

AY 054 Tool strap

REF. AY 054



Heavy duty elasticated tool strap for heavier tools such as drills, grinders and chainsaws. End loop to attach to harness. Terminating in a loop and steel ring to attach tools. Tool strap have elastic cord with cord lock.

Material:	polyester
Width of tape:	25 mm
Length:	1.3 m
Static strength:	600 N
SWL:	8 kg
Safety factor:	7:1



REF. TU 120



FIXING OPENINGS

WINCH FIXING BASE



MAIN CABLE GUIDE

The winch is designed for precise lowering and lifting the material. Adapted to be fixed on the tree trunk with the use of the base and two fixing straps. The base has two removable rubber fender beams protecting the tree bark against damage. The cable guides are intended to maintain the proper position of the cable unreeling from the drum.



PROVIDED IN A SET WITH AX 500
FIXING WEBBING AND BAG

Draw-Bar Pull – WLL:	13 kN
Device Strength – MBS:	65 kN
Min. Diameter Of The Rope:	8 mm
Max. Diameter Of The Rope:	14 mm
Power Ratio 1:	11.70
Power Ratio 2:	46.50
Gear Ratio 1:	2.30
Gear Ratio 2:	9.17
Available Power:	Manual

Dimensions: Abmessungen:	429 x 250 x 355 mm
Device weight:	10,2 kg
Gear wheels:	aluminium
Base:	powder coated steel
Spindle:	stainless steel

TU 200 Lowering Device

REF. TU 200



PORT-A-WRAP TU 200 – a device designed for arborists. Used mainly for sectional tree felling. Used for controlled lowering of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. Sectional tree felling without damaging the bark of the tree trunk.

Rope diameter:	ø 10 - 14 mm
Dimensions:	265 x 230 x 75 mm
Weight:	1,92 kg
Max. Working load - WLL:	10 kN
Breaking force - MBS:	50 kN
Material:	galvanized steel

TU 201 Lowering Device

REF. TU 201



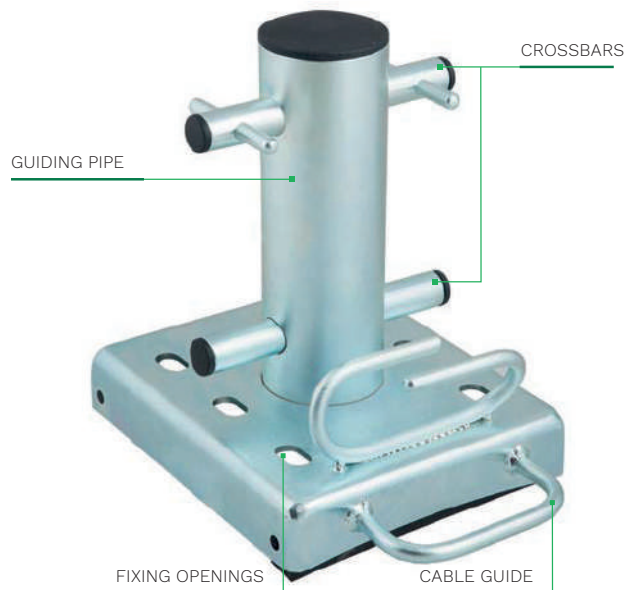
PORT-A-WRAP TU 201 – a device designed for arborists. Used mainly for sectional tree felling. Used for controlled lowering of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. Sectional tree felling without damaging the bark of the tree trunk.

Rope diameter:	ø 10 - 20 mm
Dimensions:	260 x 282 x 108 mm
Weight:	2,32 kg
Max. Working load - WLL:	10 kN
Breaking force - MBS:	50 kN
Material:	stainless steel



TU 100 Lowering Device

REF. TU 100



PROVIDED IN A SET WITH
AX 500 FIXING WEBBING AND BAG

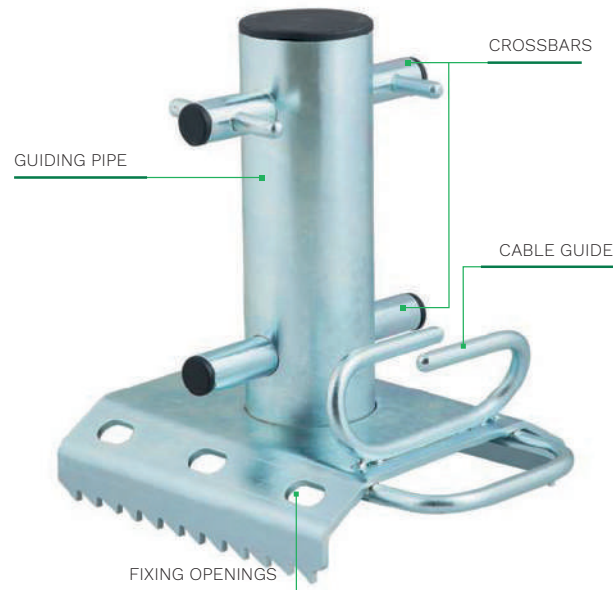


PORT-A-WRAP TU 100 – a device designed for arborists. Used mainly for sectional tree felling. Used for controlled lowering of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground.

Rope diameter:	ø 10 - 14 mm
Dimensions:	370 x 385 x 300 mm
Weight:	7,30 kg
Max. Working load - WLL:	10 kN
Breaking force - MBS:	50 kN
Material:	galvanized steel rostfreier Stahl

TU 110 Lowering Device

REF. TU 110



PROVIDED IN A SET WITH
AX 500 FIXING WEBBING AND BAG



PORT-A-WRAP TU 110 – a device designed for arborists. Used mainly for sectional tree felling. Used for controlled lowering of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. Sectional tree felling without damaging the bark of the tree trunk.

Rope diameter:	ø 10 - 14 mm
Dimensions:	335 x 300 x 250 mm
Weight:	6,45 kg
Max. Working load - WLL:	10 kN
Breaking force - MBS:	50 kN
Material:	galvanized steel

TU 101

Lowering Device

REF. TU 101

NEW



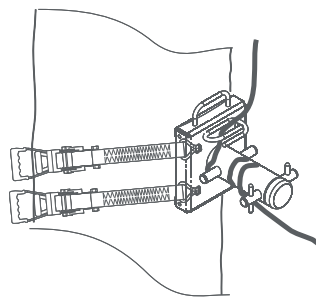
PROVIDED IN A SET WITH
AX 500 FIXING WEBBING AND BAG



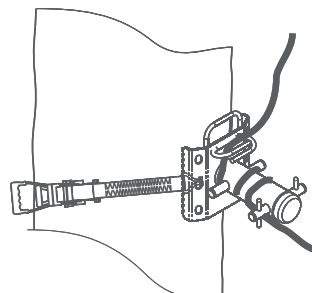
PORT-A-WRAP TU 101 – a device designed for arborists. Used mainly for sectional tree felling. Used for controlled lowering of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground.

Rope diameter:	ø 10 - 14 mm
Dimensions:	178 x 250 x 200 mm
Weight:	5,80 kg
Max. Working load - WLL:	30 kN
Breaking force - MBS:	150 kN
Material:	Stainless steel, electrochemical polished

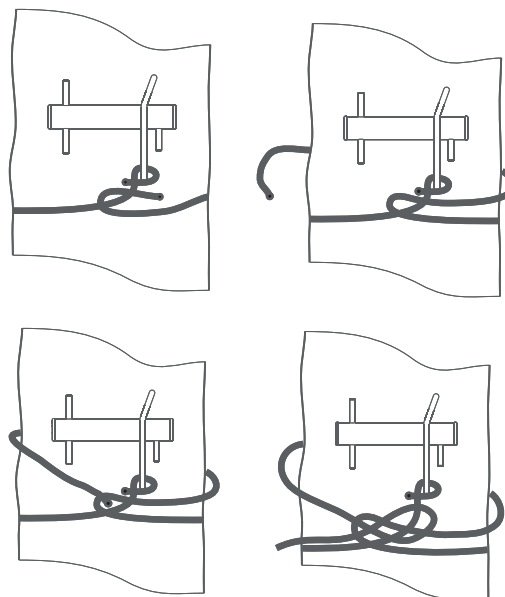
METHODS OF FIXING TO THE tree trunk



TU 100



TU 110



TU 200, TU201



TU 400 Small pulley with full axle and pin locker

REF. TU 400 **EN 12278:2007**



COLORS AVAILABLE



blue dark red black golden

Dimensions:	176 x 96 x 88 mm
MBS:	100 kN
WLL:	20 kN
Safety factor:	5:1
Max. Cable diameter:	<18 mm
Ø of port in the axis:	18 mm
Weight:	1,38 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminum

TU 401 Small pulley with full axle and screw locker

REF. TU 401 **EN 12278:2007**



COLORS AVAILABLE



blue dark red black golden

Dimensions:	176 x 96 x 88 mm
MBS:	100 kN
WLL:	20 kN
Safety factor:	5:1
Max. Cable diameter:	<18 mm
Ø of port in the axis:	18 mm
Weight:	1,38 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminum

TU 402 Small pulley with a hollow axle and pin locker

REF. TU 402 **EN 12278:2007**



COLORS AVAILABLE



Dimensions:	176 x 96 x 88 mm
MBS:	100 kN
WLL:	20 kN
Safety factor:	5:1
Max. Cable diameter:	<18 mm
Weight:	1,40 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminium

TU 403 Small pulley with a hollow axle and screw locker

REF. TU 403 **EN 12278:2007**



COLORS AVAILABLE



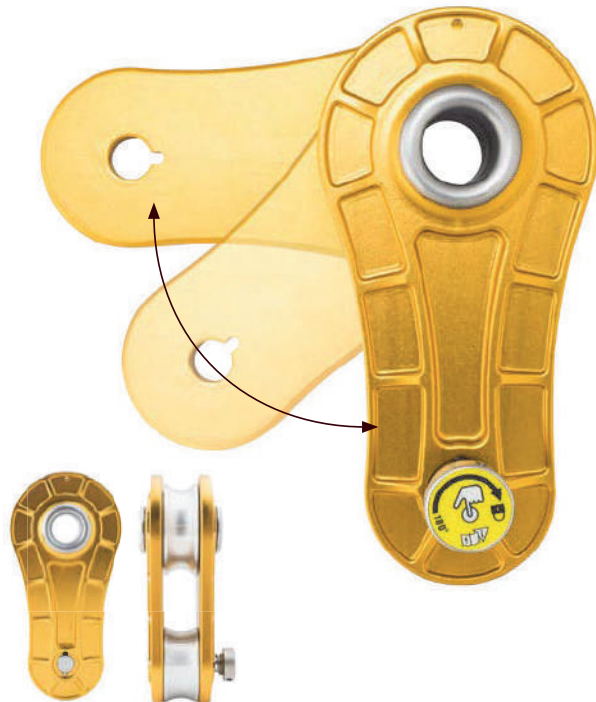
Dimensions:	176 x 96 x 81 mm
MBS:	100 kN
WLL:	20 kN
Safety factor:	5:1
Max. Cable diameter:	<18 mm
Weight:	1,40 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminium



TU 404

Big pulley with full axle
and pin locker

REF. TU 404 **EN 12278:2007**



COLORS AVAILABLE

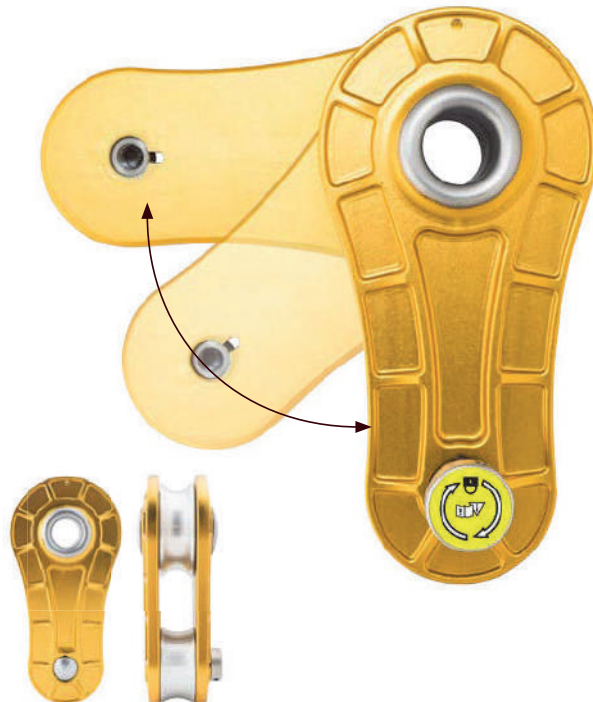


Dimensions:	238 x 85 x 115 mm
Mbs:	125 kN
Wll:	25 kN
Safety factor:	5:1
Max. Cable diameter:	<30 mm
Ø of port in the axis:	30 mm
Weight:	2,30 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminium

TU 405

Big pulley with full axle
and screw locker

REF. TU 405 **EN 12278:2007**



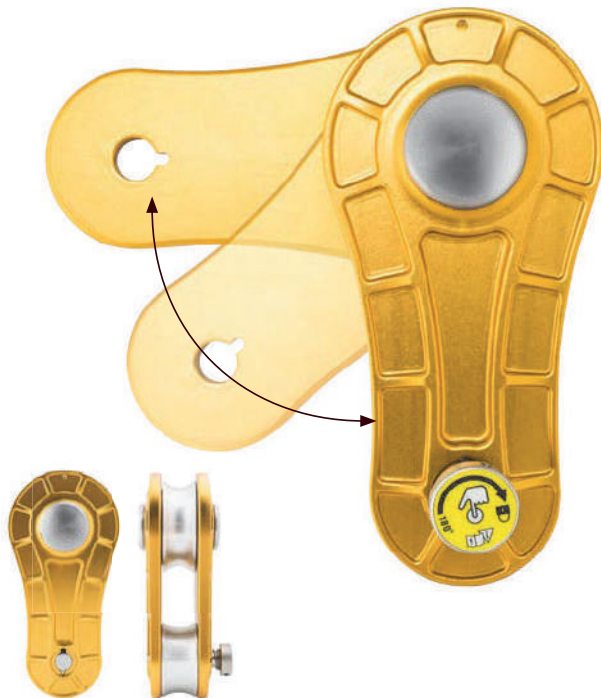
COLORS AVAILABLE



Dimensions:	238 x 85 x 115 mm
Mbs:	100 kN
Wll:	20 kN
Safety factor:	5:1
Max. Cable diameter:	<30 mm
Ø of port in the axis:	30 mm
Weight:	2,3 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminium

TU 406 Big pulley with a hollow axle and pin locker

REF. TU 406



COLORS AVAILABLE



blue



dark red



black



golden

Dimensions:	238 x 85 x 115 mm
Mbs:	125 kN
Wll:	25 kN
Safety factor:	5:1
Max. Cable diameter:	<30
Weight:	2,5 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminium

TU 407 Big pulley with a hollow axle and screw locker

REF. TU 407



COLORS AVAILABLE



blue



dark red



black



golden

Dimensions:	238 x 85 x 115 mm
Mbs:	100 kN
Wll:	20 kN
Safety factor:	5:1
Max. Cable diameter:	<30
Weight:	2,5 kg
Material:	body - forged aluminium main pivot - stainless steel rolls - aluminium



TU 410

Pulley block

REF. TU 410



TU 411
UPPER PULLEY



TU 412
LOWER PULLEY



CLEAT: LOCKING
THE ROPE DURING
LIFTING



The TU 410 pulley block is design to lift the material and loads. It will be mainly used in sectional tree felling. It is used for controlled lowering of the material. By correct weaving the rope through the device, branches or parts (sections) of the trunk can be safely lowered. It is an ideal set for use in hardly accessible, confined spaces in the crowns of trees.

Special remark:

Since the gear ratio is 4:1 the ropes ordered should have 4x the length that would normally be ordered for the given use. For instance, there are 15 m of operating rope length in a 60 m long rope.

Dimensions:	250 x 198 mm - TU411 198 x 198 mm - TU412
Weight:	1822 g - TU411 1508 g - TU412
Gear ratio (of the set):	4:1
Breaking force - MBS:	50 kN
Max. Working load - WLL:	10 kN
Rope diameter:	ø 8 - 12 mm (textile rope only)

TU 410 (SET)

TU 411

TU 412

REF. TU 413

Machinery Directive: 2006/42/EEC

INTENDED USE

TU 413 pulley block may be used in arboriculture (sectional tree felling) and transporting loads. The device is designed for lifting and lowering loads. It is not designed for use as personal fall arresting equipment.

DESIGN

The TU 413 pulley block set consists of the following elements:

- a) upper rope pulley with two wheels
- b) lower rope pulley with one wheel
- c) connector for catching end of the working rope with lower pulley
- d) working rope

APPLIED MATERIALS

Both (upper and lower) pulleys consist of wheels made of plastic - radilon (set on ball bearings, enabling free wheel motion under load) connected to galvanized steel plates. The axles and connectors (bolts, nuts, washers) are made of galvanized steel. Each pulley is provided with swivel eye made of aluminum alloy. The eye on the upper pulley may be additionally rotated in relation to the block body.



Rope diameter:	ø 12 mm
Gear ratio (of the set):	3:1
Breaking force - MBS:	50 kN
Max. Working load - WLL:	10 kN
Safety factor:	5:1
Weight:	2,47 kg

TU 413 (SET)	-
TU 413 10	10 m
TU 413 20	20 m
TU 413 30	30 m
TU 413 40	40 m
TU 413 50	50 m

TU 415 Pulley with hook 1000 kg

REF. TU 415



Material:	galvanized steel, radilon, stainless steel, cast iron casting
Weight:	1,14 kg
Dimensions:	330 x 130x 56 mm
Max. Working load:	max. 1000 kg
Wire rope diameter:	do 6,3 mm
Textile rope diameter:	8,0 - 12,0 mm
Safety factor:	3:1
Ratio:	1:2
WLL:	10 kN
MBS:	40 kN

TU 416 Pulley with hook 2000 kg

REF. TU 416



Material:	galvanized steel, cast iron casting, stainless steel
Weight:	2,15 kg
Dimensions:	330 x 130x 56 mm
Max. Working load:	max. 2000 kg
Wire rope diameter:	6,3 - 8,0 mm
Textile rope diameter:	12,0 - 14,0 mm
Safety factor:	3:1
Ratio:	1:2
WLL:	20 kN
MBS:	60 kN

PL 101 Pulley

REF. WP 011



Dimensions:	133 x 56 x 128 mm
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Weight:	450 g
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Max. Working load:	500 kg
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Breaking force:	30 kN
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Safety factor:	1:5
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Rope diameter:	6 mm - 12 mm
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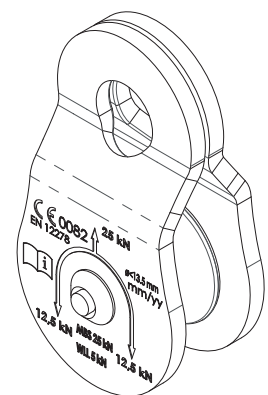
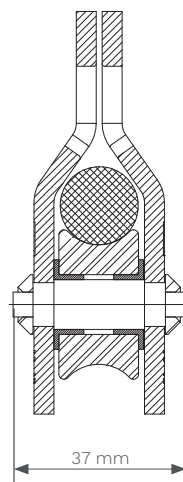
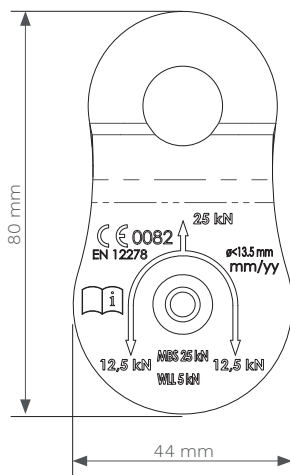


TU 420

Arborist mini Pulley

REF. TU 420

EN 12278



Dimensions: 80 x 44 x 37 mm

Weight: 105 g

Material: aluminum alloy

Cover: coloured anode

MBS: 25 kN

WLL: 5 kN

Safety factor: 5:1

Max. Diameter of rope: <13,5 mm

Axial fixing hole diameter: ≤16 mm

COLORS AVAILABLE

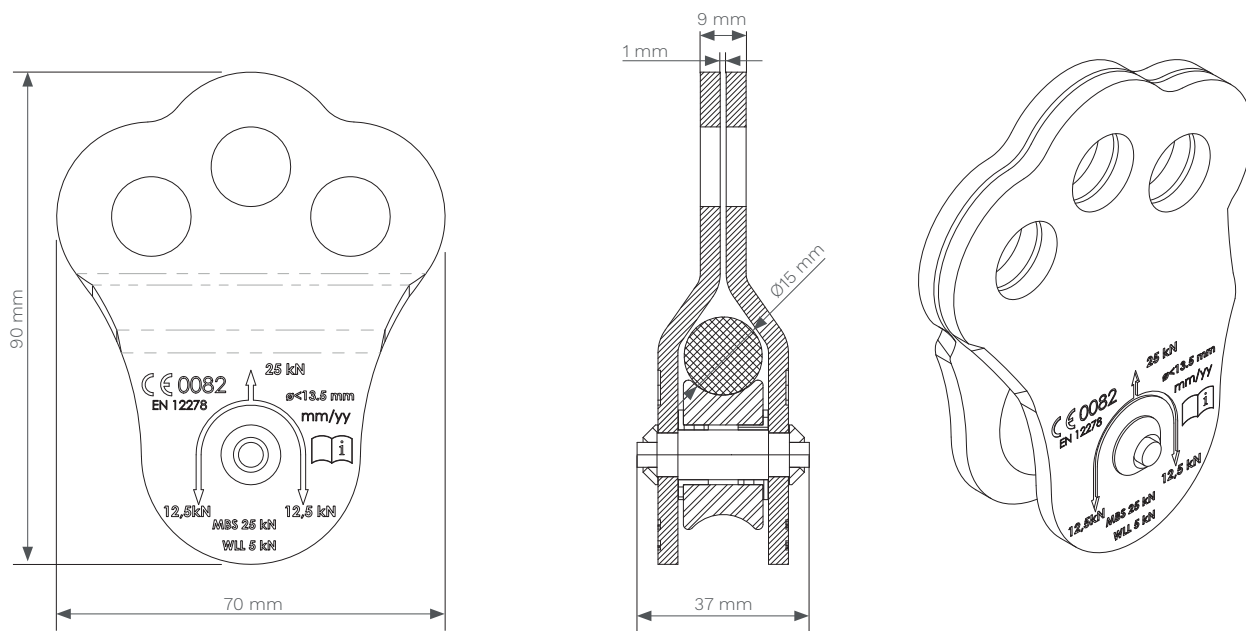


TU 421

Triple arborist pulley

REF. TU 421

EN 12278



COLORS AVAILABLE



Dimensions:	90 x 70 x 37 mm
Weight:	160 g
Material:	aluminum alloy
Cover:	coloured anode
MBS:	25 kN
WLL:	5 kN
Safety factor:	5:1
Max. Diameter of rope:	<13,5 mm

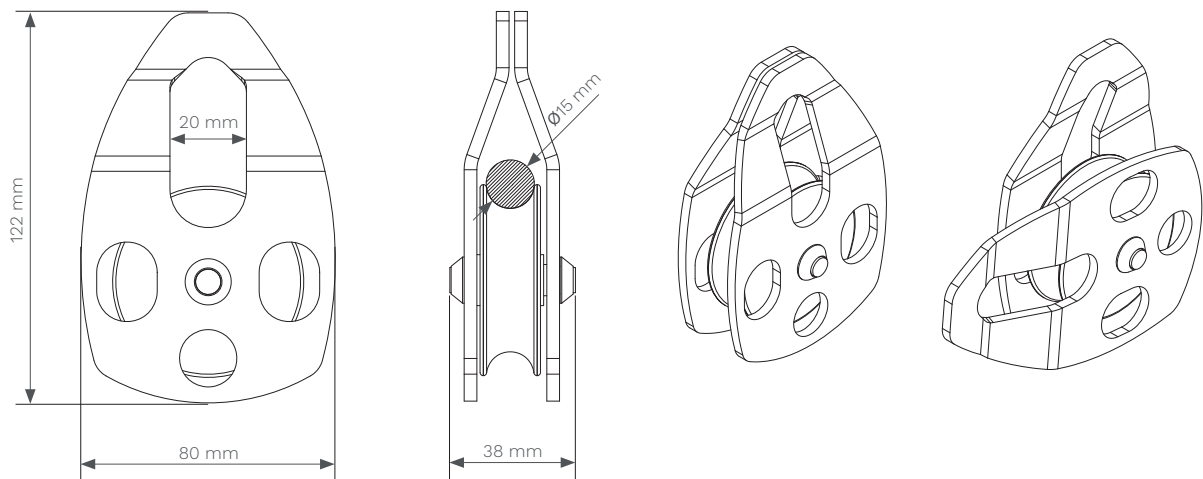


TU 430

Round pulley

REF. TU 430

EN 12278



Dimensions:	122 x 80 x 38 mm
Weight:	257 g
Material:	aluminum alloy
Cover:	coloured anode
MBS:	30 kN
WLL:	6 kN
Safety factor:	5:1
Max. Diameter of rope:	<15 mm

COLORS AVAILABLE



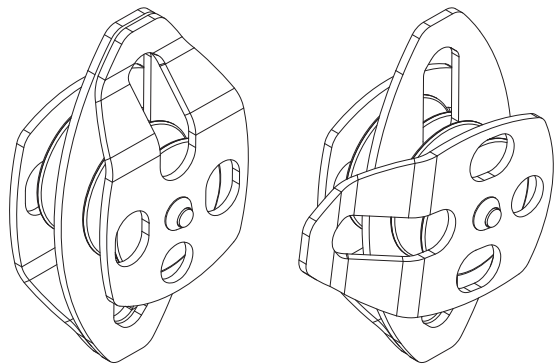
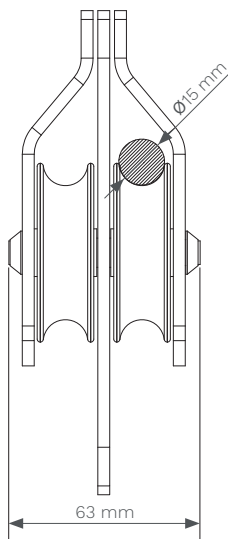
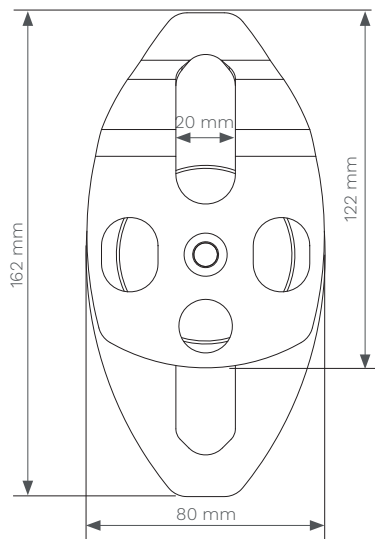
orange blue dark red black golden

TU 431

Double pulley

REF. TU 431

EN 12278



COLORS AVAILABLE



orange dark red blue golden black

Dimensions::	162 x 80 x 63 mm
Weight::	470 g
Material::	aluminum alloy
Cover::	coloured anode
MBS:	30 kN
WLL:	6 kN
Safety factor::	5:1
Max. Diameter of rope:	<15 mm

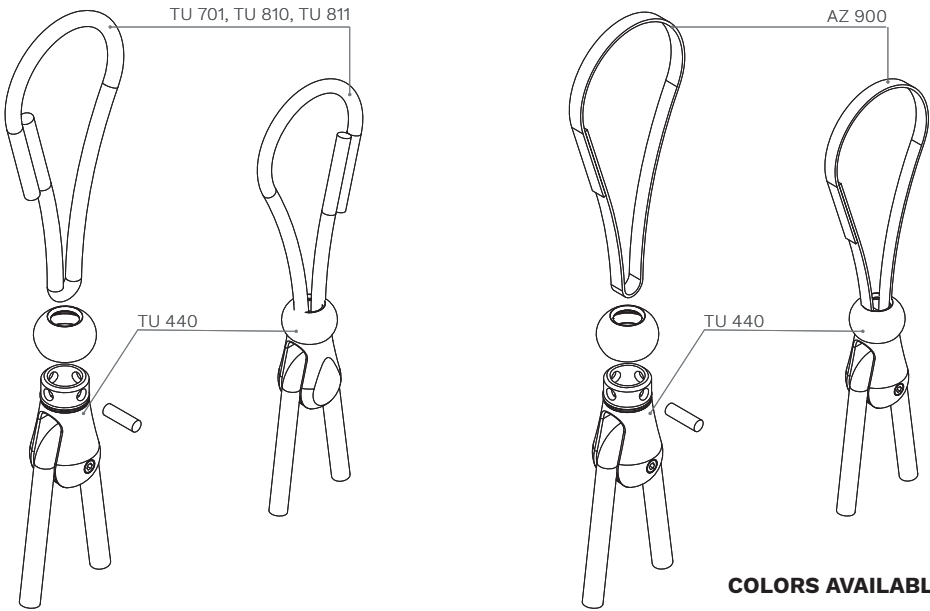


TU 440

Pulley

REF. TU 440

EN 12278










COLORS AVAILABLE



Dimensions:	85 x 40 x 39 mm
MBS:	25 kN
WLL:	25 kN
max.load:	500 kg (5 kN)
Weight:	153 g
Max. diameter of rope:	Ø 10 mm
Max. width of tape:	21 mm
Material:	aluminium, hardened steel

Snap hooks

	REF.	Opening	Material	Weight	Dimensions	Min. Static strength	Standard
	AZ 011						
Separable snap hook with locking nut (double lock)	AZ011	18 mm	galvanized steel	170 g	108 x 60 mm	20 kN	EN 362
	AZ 011T						
Separable snap hook with "twist lock" (double lock)	AZ011T	18 mm	galvanized steel	170 g	108 x 60 mm	20 kN	EN 362
	AZ 014DT						
Separable snap hook with "double twist lock" (double lock)	AZ014DT	22 mm	aluminium	80 g	115 x 74 mm	20 kN	EN 362
	AZ 017						
Separable snap hook with locking nut (double lock)	AZ017	25 mm	galvanized steel	200 g	113 x 71 mm	20 kN	EN 362
	AZ 017T						
Separable snap hook with "twist lock" (double lock)	AZ017T	25 mm	galvanized steel	200 g	113 x 71 mm	20 kN	EN 362
	AZ 017DT						
Separable snap hook with "twist lock" (double lock)	AZ017DT	25 mm	galvanized steel	200 g	113 x 71 mm	20 kN	EN 362
	AZ 019T						
Separable snap hook with "twist lock" (double lock)	AZ019T	27 mm	aluminium	80 g	119 x 75 mm	20 kN	EN 362





DT 200, DT 201, DT 202

Rope instaler

REF. DT 200, DT 201, DT 202



Ref.	Length:
DT 200	7,38 m
DT 201	6,00 m
DT 202	4,28 m

ROPE INSTALER

TU 129, TU 130

Working rope

REF. PESPA 12-K-16, PESPA 13,5-K-16

EN 1891 Class A



NEW



Spliced Eye - EN 1891

Diameter [mm]:	12	13,5
Type of rope:	A	A
Static tenacity:	≥ 22 kN	≥ 22 kN
Breaking force	29,3 kN	32,8 kN
Relative mass of sheat (%):	57,8	67
Relative sheat of mass (%):	42,2	33
Number of falls - facto 1:	15	40
Elongation (50 – 150 kg) (%):	2 %	3,9%
Max. impact force (kN) 0,3:	5,6 kN	4,9 kN
Sheat slippage (mm):	0,6 %	0,3%
Weight:	102 g/m	130 g/m
Knotability:	K = 0,9	K=1,11
EC Certyficate:	Nr 0082/1814/160/ 11/18/0777	Nr 0082/1814/ 160/07/13/028
Material Core:	poliamid	poliamid
Material Braid:	poliester	poliester
Ref.	PesPa 12-K-16	PesPa 13,5-K-16

Rope intended mainly for tree nursing work. Large diameter assures higher resistance to wear and tear. Adequate elasticity for working with pulleys, snap hooks and other equipment. Red-white colour assures good visibility.

REF. PA 100

EN 1891 Class A



Rope intended mainly for tree nursing work. Available in five diameters: 10, 10.5, 11, 11.5 and 12 mm. It is a core rope with braid with low stretchability. The rope is an item of individual protective equipment for arresting falls from heights.

Rope diameter:	Ø 10 mm	Ø 10,5 mm	Ø 11 mm	Ø 11 ,5mm	Ø 12 mm
Ref.	Pa 100-10-K-24	Pa 100-105-K-24	Pa 100-11-K-24	Pa 100-115-K-24	Pa 100-12-K-24
Weight:	68 g/m	72 g/m	76 g/m	103 g/m	98 g/m
Relative elongation:	3,4 %	2,9%	3,3 %	1,8%	3,9 %
Braid slip:	0,9 %	0,5%	1%	1,3%	0,6 %
Min. Static strength:	22 kN	22 kN	22 kN	22 kN	22 kN
Breaking force:	29,10 kN	29,8 kN	30,60 kN	25,7 kN	32,10 kN
Material:	Polyamide	Polyamide	Polyamide	Polyester	Polyamide



TU 132

Rope for loads

REF. TU 132



Rope diameter:	Ø 16 mm	Ø 18 mm
Strength:	36 kN	45 kN
Material:	polyester	polyester

TU 135

Prusik rope

REF. TU 135



Rope diameter:	Ø 10 mm
Strength:	17 kN
Material:	aramid, polyester

TU 327

REF. TU 327



Rope diameter:	Ø 16 mm	Ø 18 mm
Strength:	36 kN	45 kN
Material:	Polyester Polyester	Polyester Polyester
Ref.	TU 132 016	TU 132 018



Rope diameter:	Ø 10 mm
Strength:	17 kN
Material:	aramid, polyester

TU 143 Whoopie Slings

REF. TU 143



Rope diameter: Ø 20 mm

Material: polyester

Ref.	Diameter:	Length:
TU 143 150	Ø 20 mm	95 - 150 cm
TU 143 250	Ø 20 mm	95 - 250 cm
TU 143 300	Ø 20 mm	95 - 300 cm
TU 143 350	Ø 20 mm	95 - 350 cm

TU 144 Loopie Slings

REF. TU 144



Rope diameter: Ø 20 mm

Material: polyester

Ref.	Diameter:	Length:
TU 144 200	Ø 20 mm	200 cm
TU 144 250	Ø 20 mm	250 cm

TU 145

Workplace rope

NEW

REF. TU 145



Rope diameter: Ø 20 mm

MBS: 124 kN

WLL: 30 kN

Material: polyester
Polyester



TU 701

Prusik

REF. TU 701

EN 795



L = 80 cm, 85 cm, 90 cm, 100 cm

Rope diameter: Ø 12 mm
Material: polyester

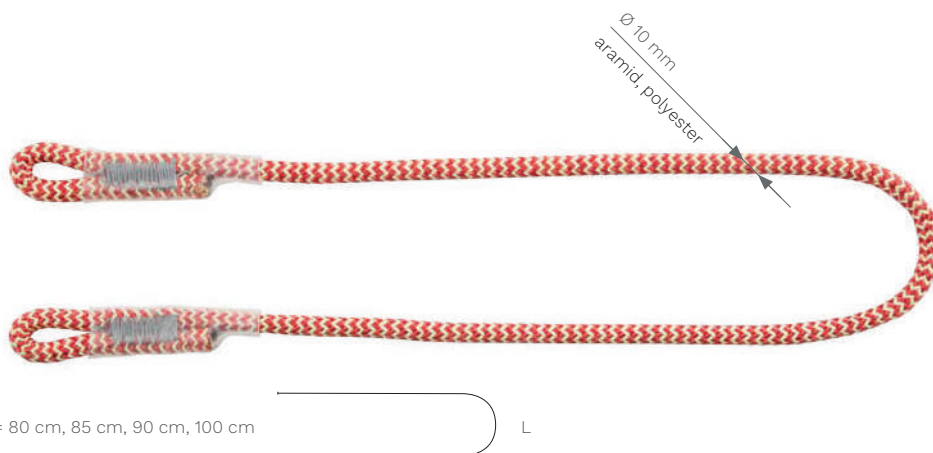
Ref.	Length:
TU 701 080	80 cm
TU 701 085	85 cm
TU 701 090	90 cm
TU 701 100	100 cm

TU 810

Prusik

REF. TU 810

EN 795



L = 80 cm, 85 cm, 90 cm, 100 cm

Rope diameter: Ø 10 mm
Material: : aramid, polyester

Ref.	Length::
TU 810 080	80 cm
TU 810 085	85 cm
TU 810 090	90 cm
TU 810 100	100 cm

TU 811

Prusik

REF. TU 811

EN 795



L = 80 cm, 85 cm, 90 cm, 100 cm L

Rope diameter:
Durchmesser: Ø 10 mm
Material:
Material: aramid, polyester

Ref.	Length::
TU 811 080	80 cm
TU 811 085	85 cm
TU 811 090	90 cm
TU 811 100	100 cm

TU 812

Prusik

REF. TU 812

EN 795, EN 354



L = 80 cm, 85 cm, 90 cm, 100 cm L

Rope diameter:
Ø 10 mm
Material:
aramid, polyester

Ref	Length::
TU 812 080	80 cm
TU 812 085	85 cm
TU 812 090	90 cm
TU 812 100	100 cm



CD 101

Double transport pulley

REF. CD 101

EN 12278



Double pulley CD 101 is a device designed for horizontal transportation with the use of textile rope, max. diameter of 13 mm.

Dimensions:	103 x 90 x 33 mm
Weight:	250 g
Max. Allowed speed:	10 m/s
Max. Rope diameter:	13 mm

CD 201, CD 202

Chest ascenders

REF. CD 201, CD 202

EN 567



CD 201 CD 202

CD 201 and CD 202 chest ascenders with a grip for climbing the rope or as safety gear. Used for ropes diameter of 8-13 mm. Equipped with rope-locking mechanism.

Dimensions:	103 x 90 x 33 mm
Weight:	220 g
Rope diameter:	ø 8 - 13 mm

CD 211, CD 212

Handled ascenders

REF. CD 211, CD 212

EN 567



CD 211 CD 212

CD 211 and CD 212 ascenders with a grip for left - and right - handed people for climbing the rope vertically or at an inclination. Used for ropes diameter of 8-13 mm. Equipped with rope-locking mechanism.

Dimensions:	207 x 100 x 28 mm
Weight:	280 g
Rope diameter:	ø 8 - 13 mm

CD 303

REF. CD 303



Descender for lowering on a line.

Dimensions:	131 x 74 mm
Rope diameter:	ø 8 - 13 mm
Weight:	80 g

CD 401

Small Rigging Plate

REF. CD 401

EN 354



Dimensions:	90 x 83,5 mm
Weight::	62 g
Strength::	36 kN
Material::	aluminium

CD 402

Medium Rigging Plate

REF. CD 402

EN 354



Dimensions:	100 x 159 mm
Weight::	240 g
Strength: :	50 kN
Material::	aluminium

CD 403

Large Rigging Plate

REF. CD 403

EN 354



Dimensions: 149 x 248 mm

Weight: 500 g

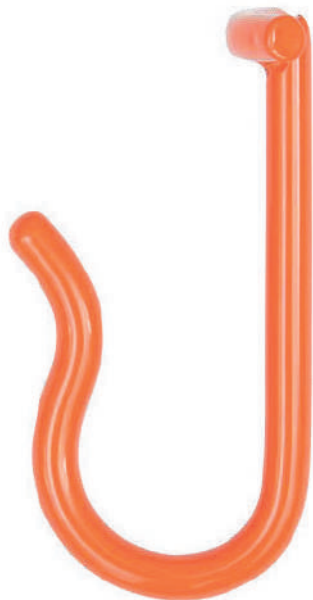
Strength: 50 kN

Material: aluminium

TU 300

Auxiliary hook

REF. TU 300



The auxiliary hook is designed to suspend the equipment and accessories required for work execution on the full body harness.

It facilitates management of tools when the employee moves around during tree felling, with his hands free, he can move more safely.

Max. Working load - WLL: 50 kg

Max. Load: 10 kg

Breaking force - MBS 500 kg

AY 100

Tool grip

REF. AY 100

NEW



AY 100 – tool grip:

- pinned into the belt or straps of the harness, full body harness,
- ensures stable position during work execution,
- allows easy access,
- ensures optimum order of tools.

Max. Working load - WLL:	25 kg
Max. Load:	5 kg
Breaking force - MBS:	90 kg

AY 023 Steel tool cable

REF. AY 023



AY 032 Fast

REF. AY 032



Dimensions:	149 x 248 mm
Weight:	500 g
Strength:	50 kN
Material:	aluminium

AY 061

Tool belt grip

REF. AY 061



Tool belt to be fixed to the harness.

Dimensions::	170 x 200 mm
Weight:	85 g
Material:	natural leather
Width of the webbing:	40-55 mm

KLK 100, KLK 200

REF. KLK 100, KLK 200



Strenght of material:	25 kN
Material:	aluminium

AY 080

Arborist throw bag

REF. AY 080



Material: steel, lead, polyester

Ref.	Weight:
AY 080	220 g
AY 080	280 g
AY 080	340 g
AY 080	400 g
AY 080	460 g

AY 081

Arborist throw bag

REF. AY 081



Material: steel, lead, reinforced PVC

Ref.	Weight:
AY 081	220 g
AY 081	280 g
AY 081	340 g
AY 081	400 g
AY 081	460 g

AY 082 Arborist throw bag

REF. AY 082



Material: steel, lead, genuine leather, polyester

Ref	Weight:
AY 082	220 g
AY 082	280 g
AY 082	340 g
AY 082	400 g
AY 082	460 g

AY 083 Solid rubber arborist throw

REF. AY 083



350 g
orange

450 g
red

250 g
blue

Dimensions:	127 x 51,5 mm
Weight:	250 g, 350 g, 450 g
Material:	rubber, stainless steels
MBS:	500 kg of handle to the cord

Ref.	Weight:
AY 083 250	250 g
AY 083 350	350 g
AY 083 450	450 g

TU 325 Kotwica mała

REF. TU 325

NEW



Material: powder-coated steel

Weight: 15 g

TU 326 Kotwica duża

REF. TU 326

NEW



Material: powder-coated steel

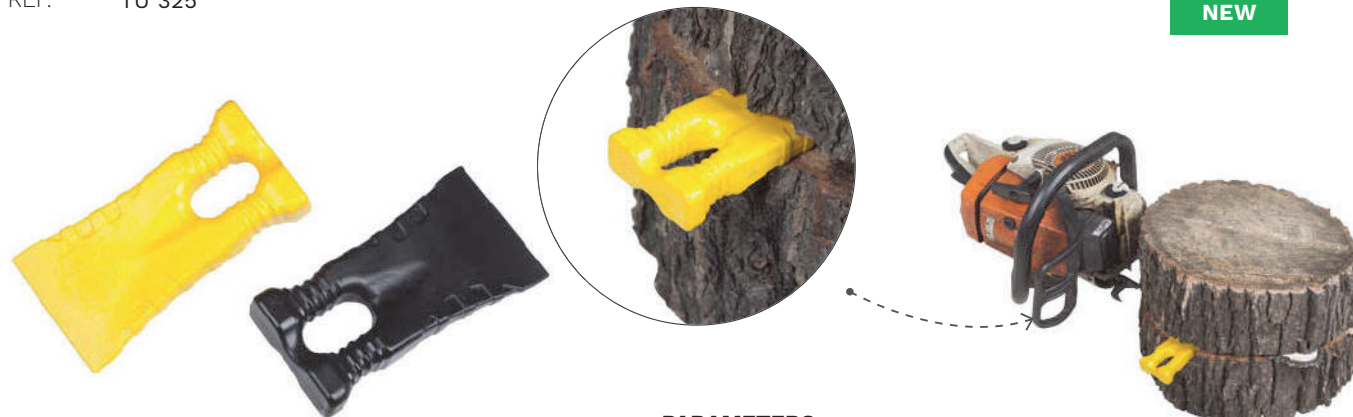
Weight: 22 g

TU 360

Tree wedge

REF. TU 325

NEW



TU 360 is a pocket-size wooden wedge, made of durable plastics, helpsto release the jammed saw guide without the risk of damaging the chain,even in case of contact with it. Compact size and low weight allows touse both on the ground and on the tree. large, central hole allows forattaching the wedge to the harness by means of majority of holdersof tools and carabineers.

PARAMETERS

Material: high impact thermoplastic

Weight: 46 g

Dimensions: 93 x 49 x 18 mm

Colours: yellow, black

REF. TU 350



TU 350 is a specifically-designed light cone wedge for use on the ground and on trees. It is intended for small and medium-sized trees. After a cut is made in the tree, the cone wedge is inserted which makes it easier to release the cut saw guide or enables to control tree tilting. The cone wedge may be turned using a ratchet spanner, impact gun or a high-torque drill driver equipped with a 1/2" squared pin. The cone wedge is made of thermally-hardened steel and its surface is protected by thermal and chemical processing (black oxide treatment). It is easy to fasten to a harness using a flexible rope.

PARAMETERS

Material:	thermally tempered steel
Weight of the set:	642 g (cone wedge and rope)
Dimensions of the cone:	170 x 35 mm
Tapered diameter:	35 mm
Tape length:	130 cm (expanded)



TU 320

Rope protector

REF. TU 320



Material: natural leather

Weight: 290 g

TU 321

Rope guard

REF. TU 321



TU 321 - rope guard made of leather and PVC is suitable for rope of self-locking device and complies with EN 353-2 (LINOSTOP II, ACOIO), preventing the rope from wearing out.

Material: leather and reinforced PVC

Ref. Length::

TU 321 050 50 cm

TU 321 100 100 cm

TU 322

Rope guard

REF. TU 322



TU 322 - rope guard made of leather with Velcro straps is suitable for rope of self-locking device and complies with EN 353-2 (LINOSTOP II, ACOIO), preventing the rope from wearing out.

Material: leather and polyester

Ref. Length:

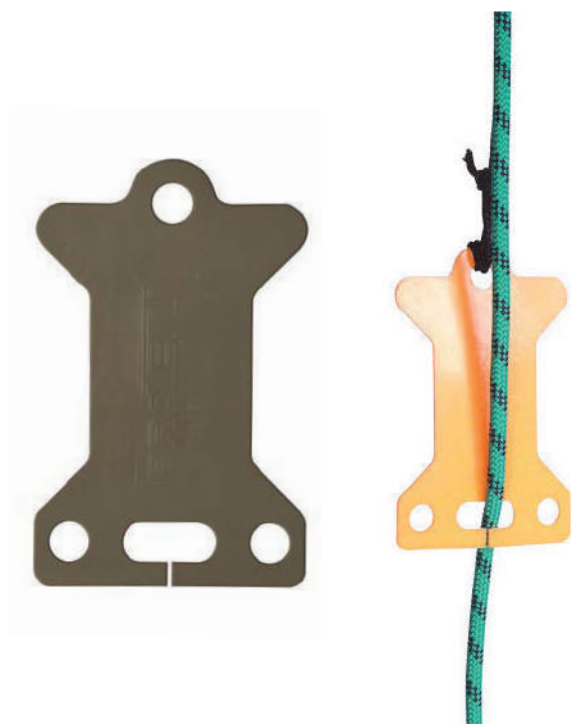
TU 322 050 50 cm

TU 322 100 100 cm

TU 323

Pad, rope protector

REF. TU 323



The pad is designed to serve as a multifunctional patch enabling i.e. comfort storing of laces and thin lines, protecting sharp edges when using lifelines, guarding rope ends against damaging by sheave blocks, etc.

Material: PS + PVC

COLORS AVAILABLE



orange



khaki

AX 011, AX 012

Transport pack

REF. AX 011, AX 012



Material: reinforced PVC

COLORS AVAILABLE FARBEN ERHÄLTICH

yellow dark red blue

Ref.	Dimensions:	Volume:
AX 011	300 x 300 x 600 mm	33 l
AX 012	400 x 400 x 800 mm	81 l

AX 011K

Transport pack with collar

REF. AX 011K



Material: reinforced PVC

COLORS AVAILABLE FARBEN ERHÄLTICH

yellow dark red blue

Ref.	Dimensions:	Volume:
AX 011K	300 x 300 x 600 mm	33 l



AX 013A

Equipment carrying bag

REF. AX 013A



Material: reinforced PVC

COLORS AVAILABLE

yellow dark red blue

Ref. Dimensions: Volume:

AX 013A 600 x 450 x 450 mm 20 l

AX 023

Transport pack for climbing spikers

REF. AX 023



Material: reinforced PVC

Ref. Dimensions:

AX 023 470 x 320 x 160 mm

AX 070

Transport pack for climbing spikers

REF. AX 070

NEW



Ergonomic arboristic bag:

- breathable stitching cushion for extra comfort,
- 2 combustion saw pockets,
- convenient carabine mounting system,
- removable bottom.

Material: 90% PVC, 10% polyester

Weight: 1,49 kg

Ref. Dimensions: Volume:

AX 070* 600 x 310 x 250 mm 40 l

* without carabiners

AX 080

REF. AX 080

NEW



Ergonomic arboristic bag:

- double chamber for easy arrangement of the loading area,
- 5 outer pockets,
- possibility of dividing the backpack (2 separate baskets),
- comfortable carrying ears.

Material: polyester

Weight: 2,68 kg

Ref. Dimensions: Volume:

AX 080 800 x 350 x 350 mm 80 l

AX 801

Ballast bag

REF. AX 801



Ballast bag for a rope of a rope grab device acc. to EN 353-2 standard. The bag may be filled e.g. with sand up to 5 kg. The bag is made of reinforced PVC.

Material: reinforced PVC

COLORS AVAILABLE



yellow



dark red



blue

RS 221

Arborist's trolley

REF. RS 221



Load capacity: max 500 kg

Length: 1760 - 2230 mm

Height: 1135 mm

Width: 800 - 935 mm

Ref.

RS 221 - TROLLEY

RS 221W - bag

ACCESSORIES | ARBORIST'S TROLLEY



RS 220

Arborist's trolley

REF. RS 220



The arborist's trolley is a multifunctional solution for timber transport. It has been proven both in forest sites and in a homestead garden. It is an excellent solution for transporting materials in the back yard with difficult access. It accelerates transport ensuring high labour culture.

Load capacity:	max 500 kg
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Lenght:	783 - 1683 mm
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Height:	892 mm
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Width:	855 - 1020 mm
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