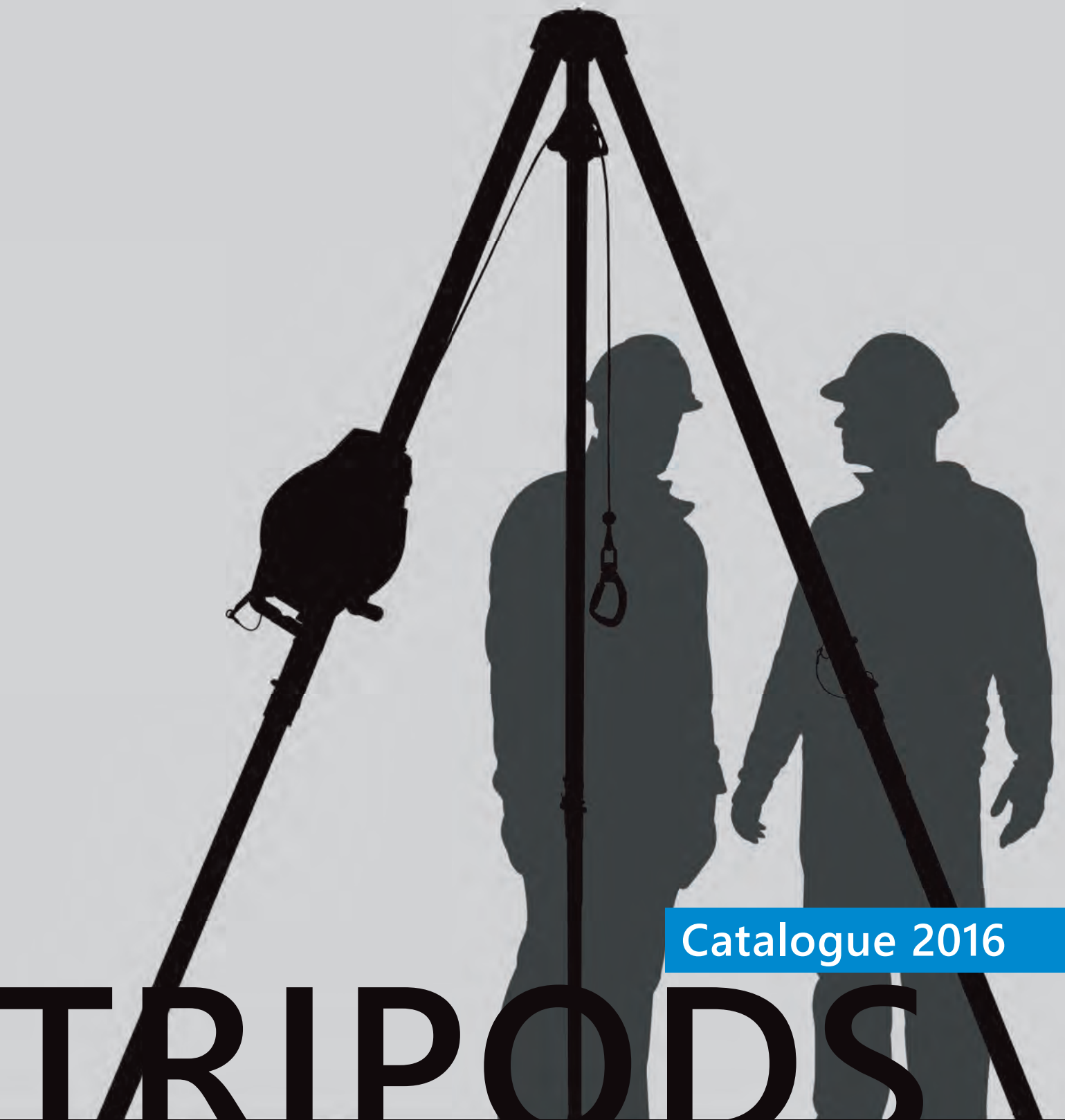


PROTEKT®

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Catalogue 2016

TRIPODS

PERSONAL TRIPODS » MATERIAL TRIPODS » PERSONNEL AND MATERIAL COMBO TRIPODS
» RESCUE DEVICES & LIFTING DEVICES



PROTEKT®

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PERSONAL TRIPODS

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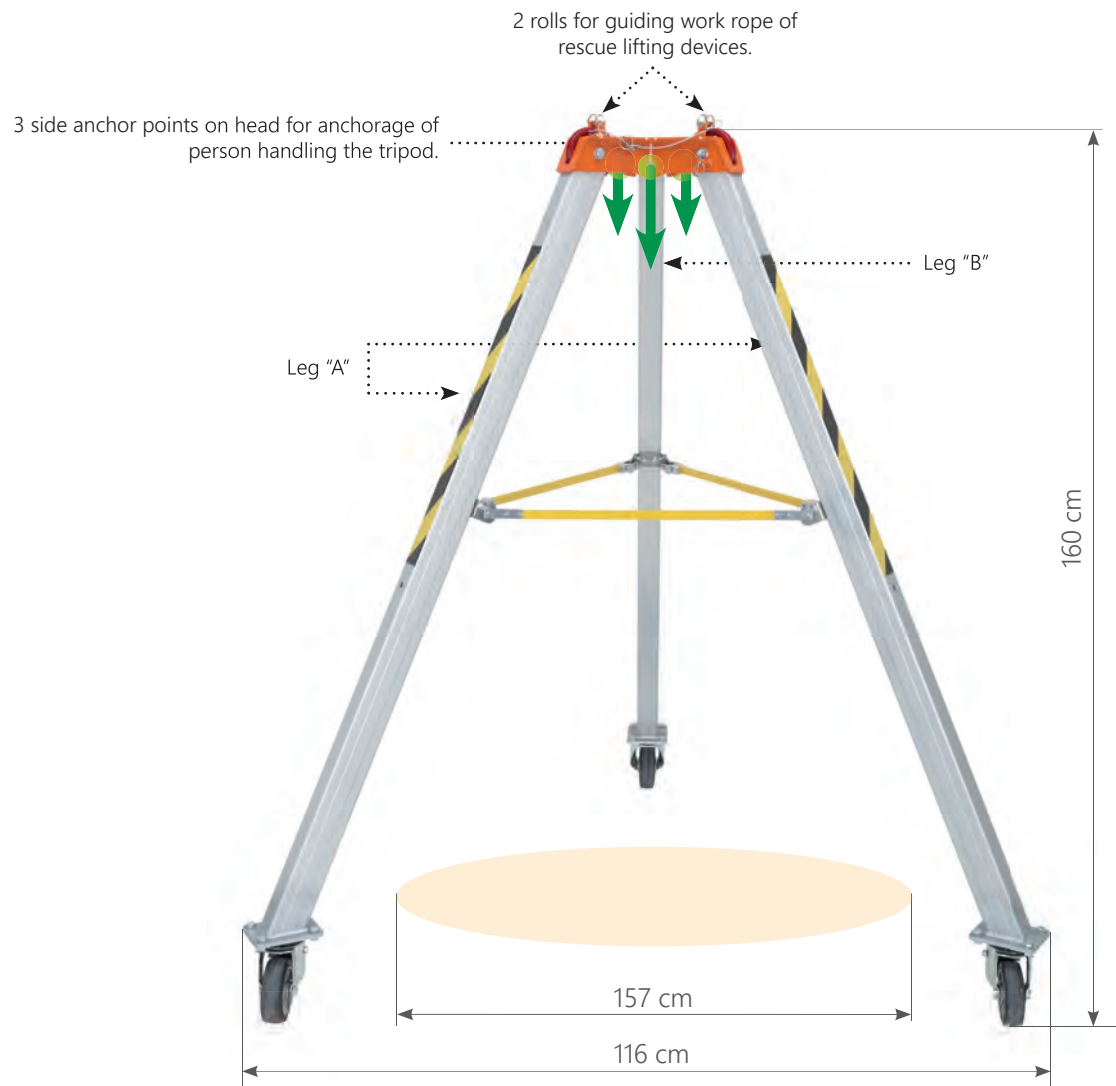


TM 6

HEIGHT:
160 CM

EN 795/B:2012
TS 16415/B:2013

Compatible with lifting devices: RUP 502-A
RUP 503
CRW 200+AT174
CRW 200+AZ017
CRW 300+AT172
CRW 300+AZ017



Safety tripod TM 6 is a mobile anchor device intended for protection of up 2 persons at the same time. Guiding rolls are integrated with the tripod's head enabling operation with rescue lifting devices with no need of using any additional pulley.



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons



BASIC VARIANT

Height:	160 cm
Opening diameter under tripod:	157 cm
Leg spacing:	116 cm
Device weight:	34 kg
Anchor points on head:	3
Lifting and descending:	maximum 2 persons
Transport dimensions:	200x47x47 cm



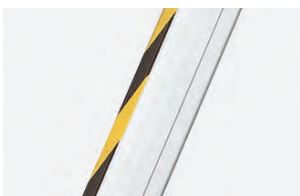
The head is made of powder coated galvanized steel. Equipped with 2 rolls for guiding work rope of rescue lifting devices. Cotter pins above wheels provide protection of the rope against accidental slipping during work.



Automatic leg opening locks protect the tripod against accidental falling during use.



Bars are made of powder coated galvanized steel. They stabilize the tripod during work. Each bar is secured with ratchets protecting them against being taken out during work.

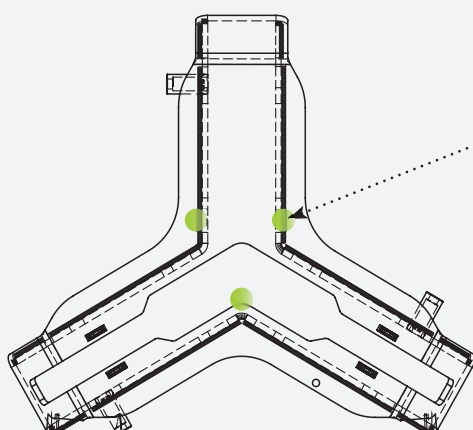


The tripod's legs are made of strengthened aluminium profiles. Two legs "A" – equipped with a wheel (for work rope guiding) and anchor point (bore) for mounting winches; third leg "B" is without wheel and anchor point.



Swivel wheels are made of aluminium alloy and rubber (wheel) and galvanized steel (housing). Two legs "A" are equipped with swivel wheels with brake. Wheels provide for easier tripod's mobility.

HEAD – PLAN VIEW

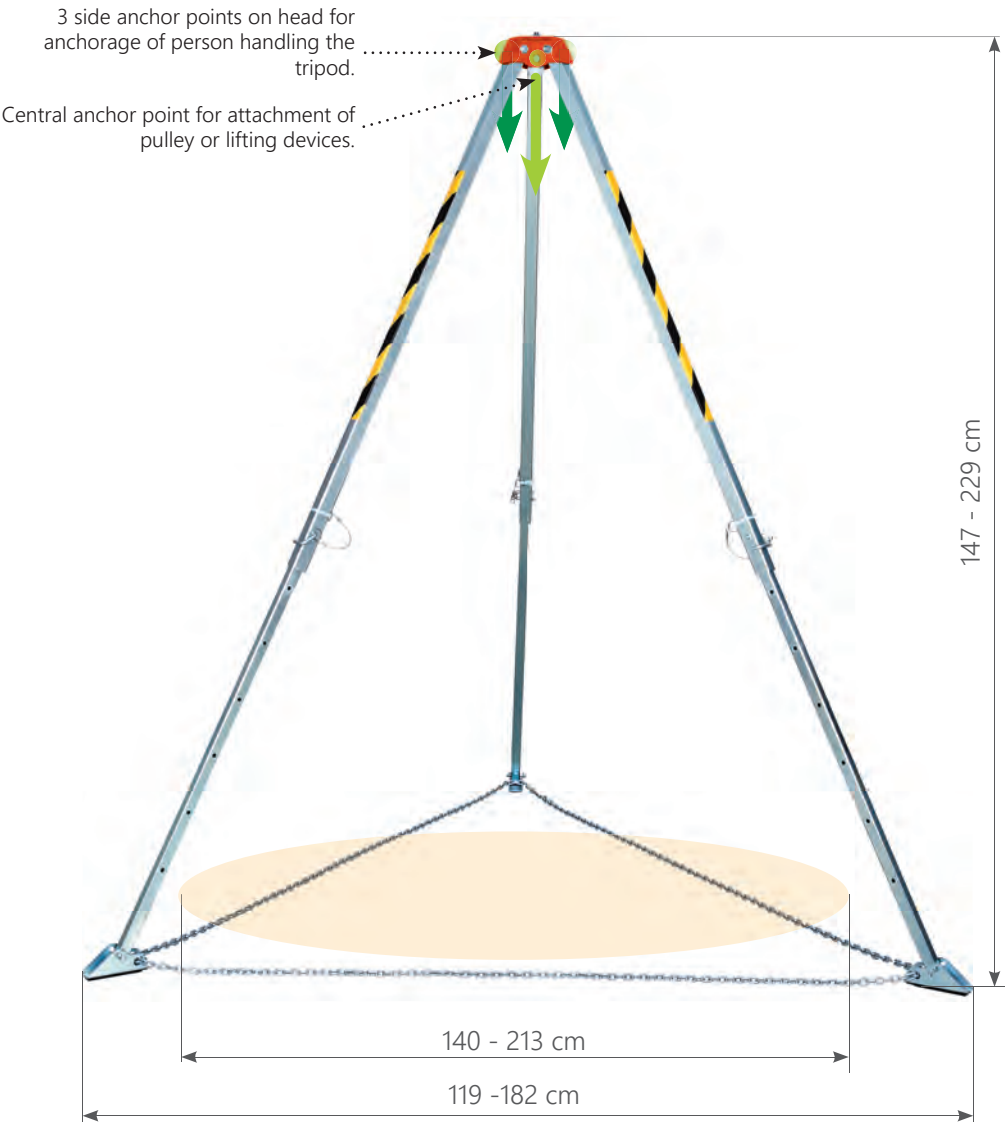


3 side anchor points on head for anchorage of person handling the tripod.





Compatible with lifting devices: RUP 502-B
RUP 503-B
CRW 200+AZ017
CRW 300+AZ017



Safety tripod TM 7 is a portable anchor device intended for protection of up 2 persons at the same time. The device is made fully of galvanized steel.



EN 795/B:2012



1 person
only



BASIC VARIANT

Height:	147-229 cm
Opening diameter under tripod:	140-213 cm
Leg spacing:	119-182 cm
Device weight:	35 kg
Anchor points on head:	4
Lifting and descending:	1 person only
Transport dimensions:	175x23x23 cm



The head is made of powder coated galvanized steel. Has 1 central anchor point as an eye bolt and 3 additional side anchor points on the head.



Legs are made of hot-dip galvanized steel with 7-step adjustment, and are locked with cotters.

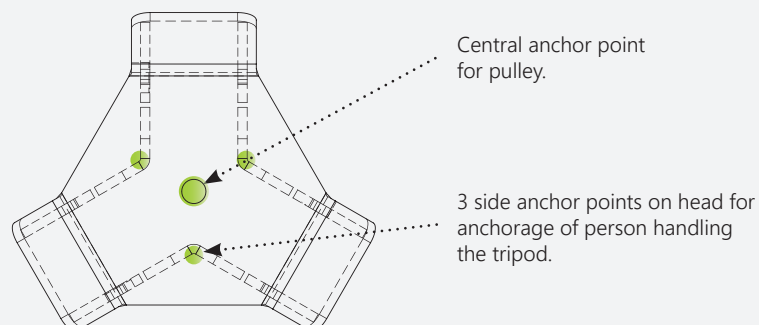


The tripod's legs can be secured with textile webbing or steel chain.



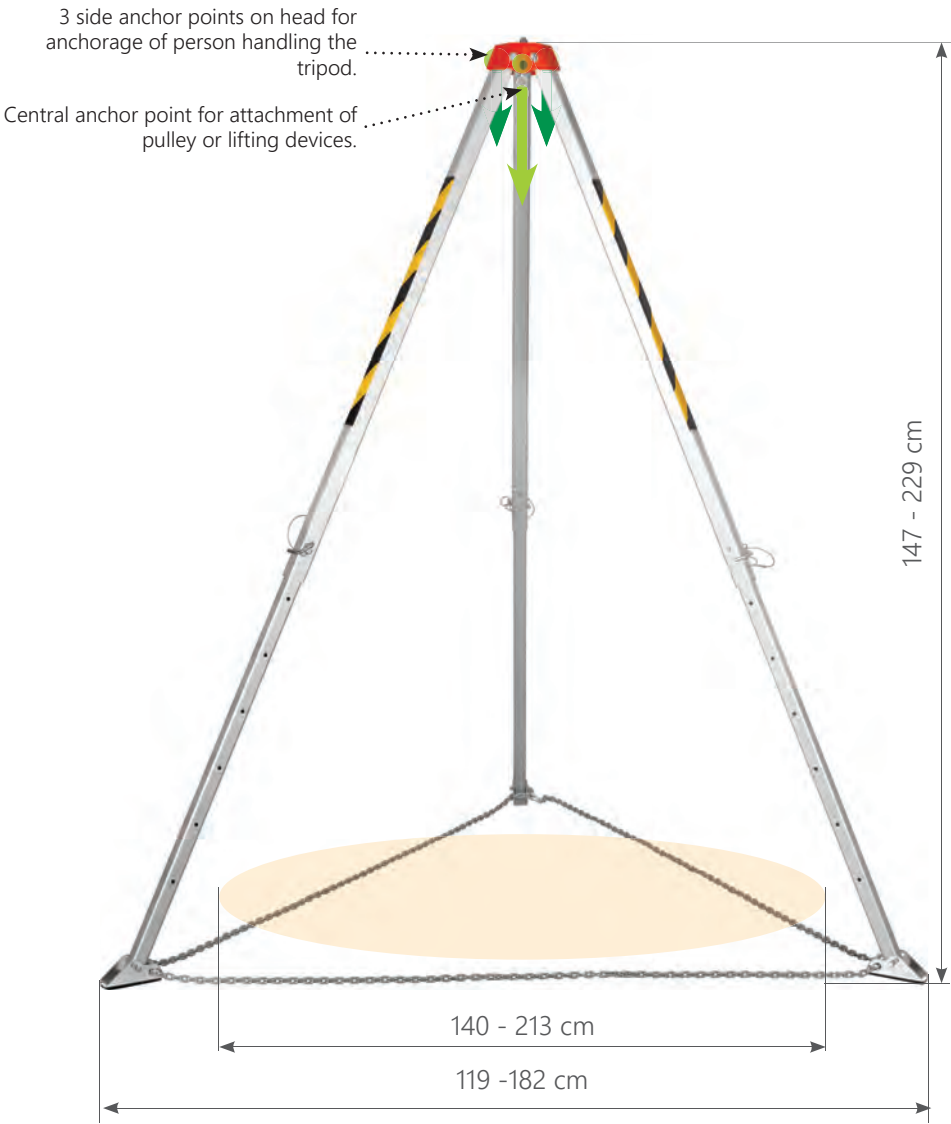
The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW





Compatible with lifting devices: RUP 502
CRW 200+AZ017
CRW 200+AT173
CRW 300+AZ017
CRW 300+AT171



Safety tripod TM 9 is a portable anchor device intended for protection of 1 person only.



EN 795/B:2012



1 person only



BASIC VARIANT

Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	4
Lifting and descending:	1 person only
Transport dimensions:	175x23x23 cm



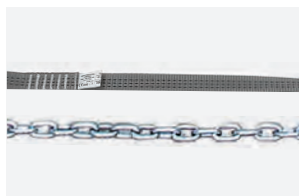
The head is made of powder coated galvanized steel. It is equipped with 1 central anchor point as an eye bolt and 3 additional side anchor points on the head.



Aluminium legs with 7-step adjustment are locked with cotters.

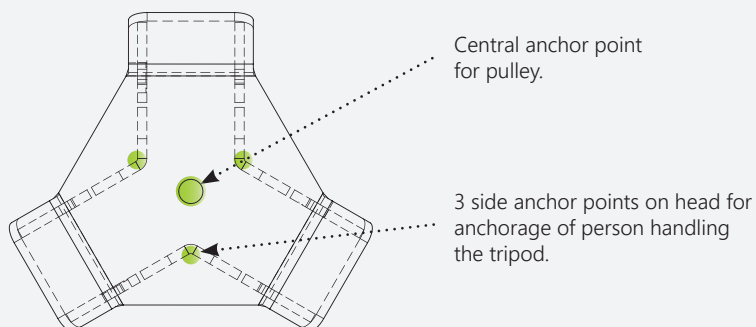


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW



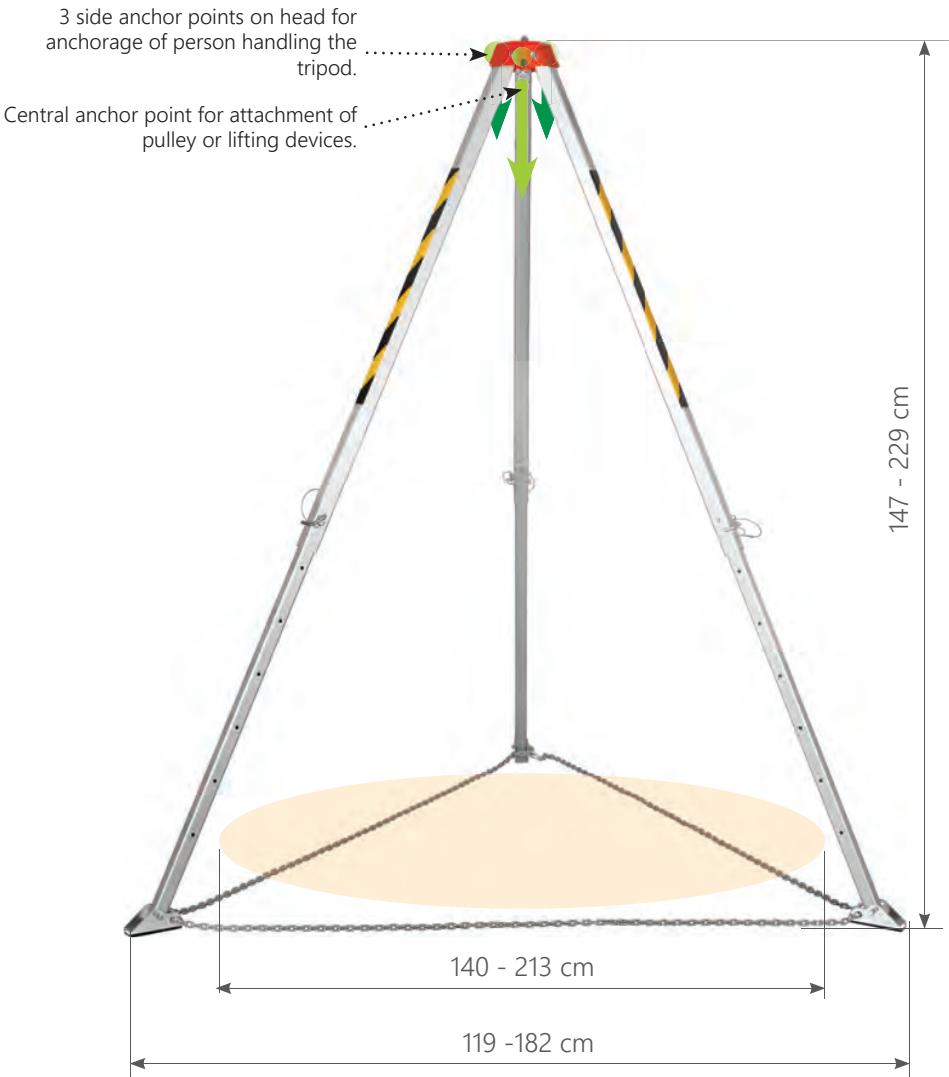


TM 9-L

MAX HEIGHT:
229 CM

EN 795/B:2012

Compatible with lifting devices: RUP 502
CRW 200+AZ017
CRW 200+AT173
CRW 300+AZ017
CRW 300+AT171



Safety tripod TM 9-L is a portable anchor device intended for protection of 1 person only. The head is equipped with locks securing the tripod's legs against uncontrolled folding.



EN 795/B:2012



1 person only



BASIC VARIANT

Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	4
Lifting and descending:	1 person only
Transport dimensions:	175x23x23 cm



The head is made of powder coated galvanized steel. It is equipped with 1 central anchor point as an eye bolt and 3 additional side anchor points on the head.



Automatic leg opening locks protect the tripod against accidental falling during use.



Aluminium legs with 7-step adjustment are locked with cotters.

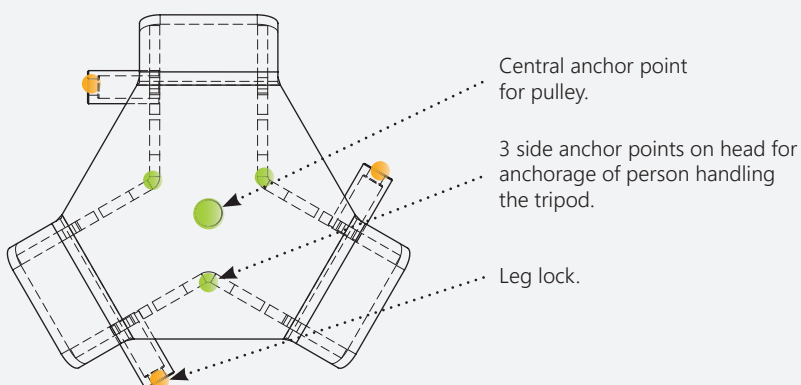


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



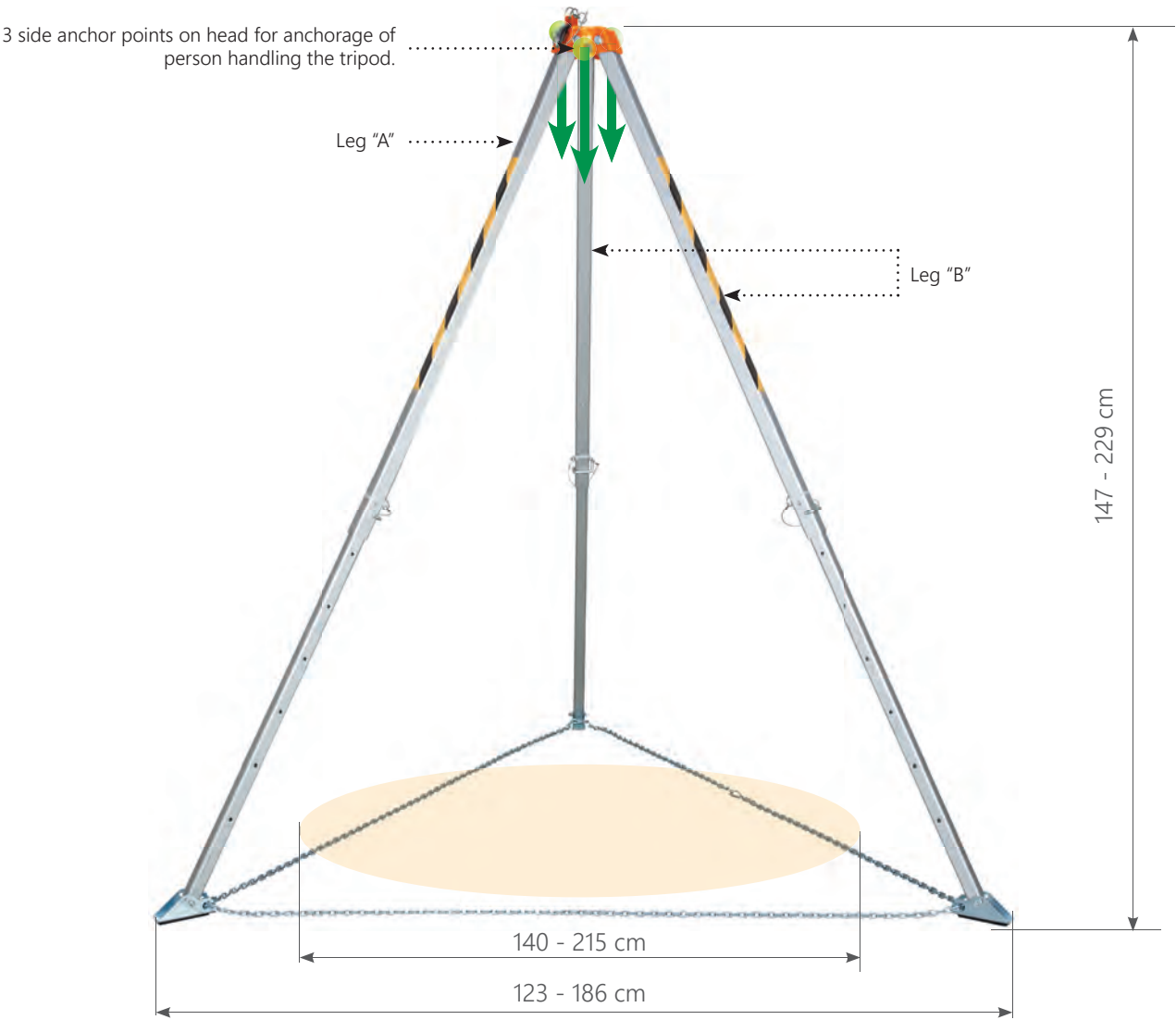
The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW





Compatible with lifting devices: RUP 502
CRW 200+AT173
CRW 300+AT171



Safety tripod TM 9-W is a portable anchor device which requires no pulley when operating with winches. Intended for protection of 1 person only.



EN 795/B:2012



1 person
only



BASIC VARIANT

Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	3
Lifting and descending:	1 person only
Transport dimensions:	175x23x23 cm



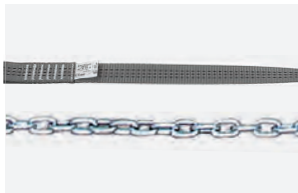
The head is made of powder coated galvanized steel. It is equipped with a wheel for guiding work rope of rescue devices. Cotter pins above the wheel provide protection of the rope against accidental slipping during work.



The tripod's legs are made of strengthened aluminium profiles. Leg "A" - equipped with a wheel (for work rope guiding) and anchor point (bore) for mounting winches; 2 legs "B" are without wheel and anchor point. The legs feature 7-step adjustment.

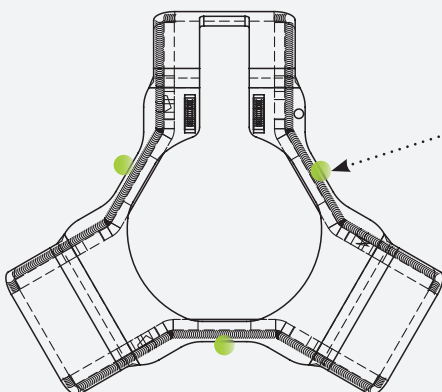


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

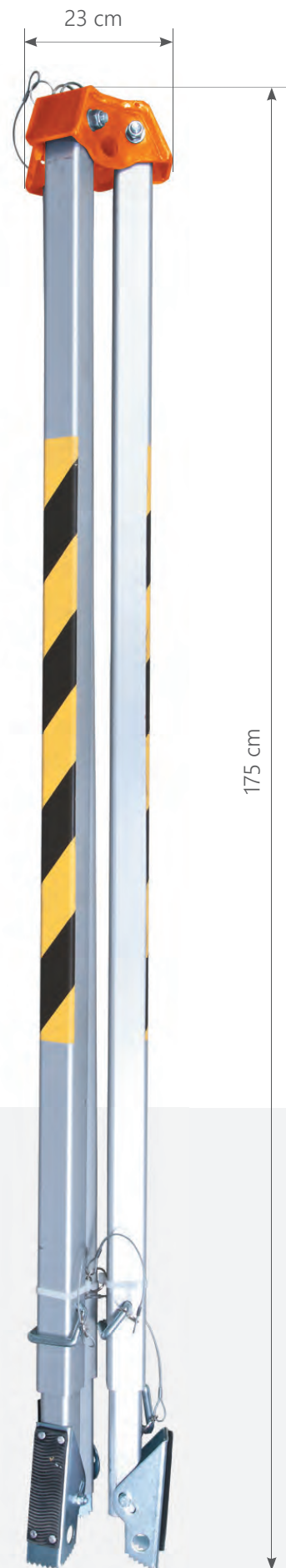


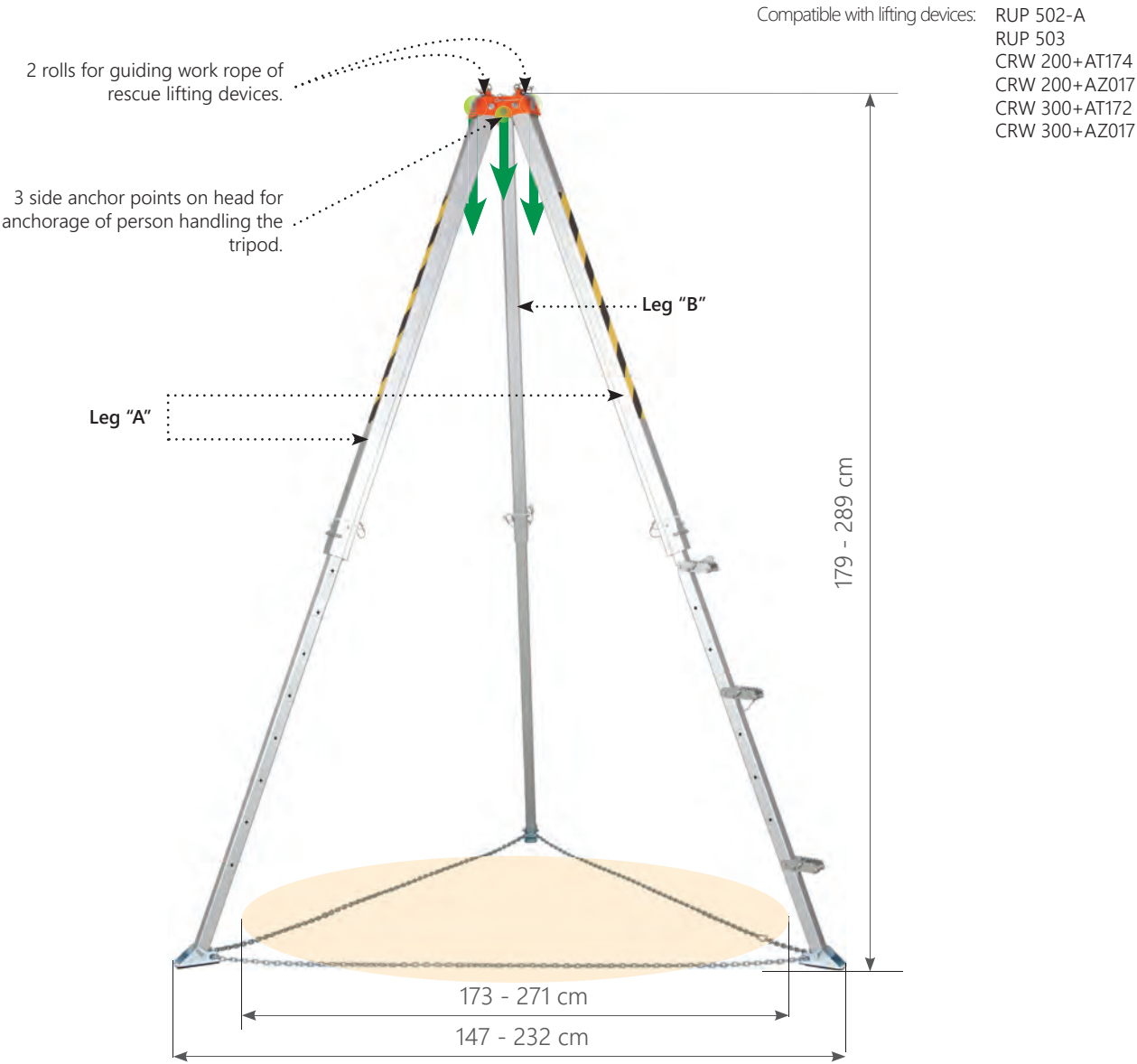
The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW



3 side anchor points on head for anchorage of person handling the tripod.





Safety tripod TM 13 is a portable anchor device which requires no pulley when operating with winches. Has steps for easier access to the head. The device provides protection for up to 2 persons at the same time.



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons



BASIC VARIANT

Height:	179 - 289 cm
Opening diameter under tripod:	173 - 271 cm
Leg spacing:	147 - 232 cm
Device weight:	37 kg
Anchor points on head:	3
Lifting and descending:	max. 2 persons
Transport dimensions:	190 x 30 x 30 cm



The head is made of powder coated galvanized steel. It is equipped with two wheels for guiding work rope of rescue devices. Cotter pins above wheels provide protection of the rope against accidental slipping during work.



The tripod's legs are made of strengthened aluminium profiles with 9-step adjustment, and are locked with cotters. Two legs "A" – equipped with a wheel (for work rope guiding) and anchor point (bore) for mounting winches; third leg "B" is without wheel and anchor point.



Aluminium steps are mounted with cotters and provide easier access to the tripod's head while extending the legs to their maximum height.

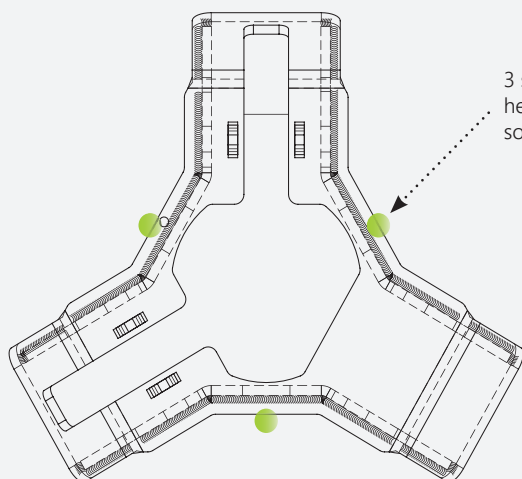


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

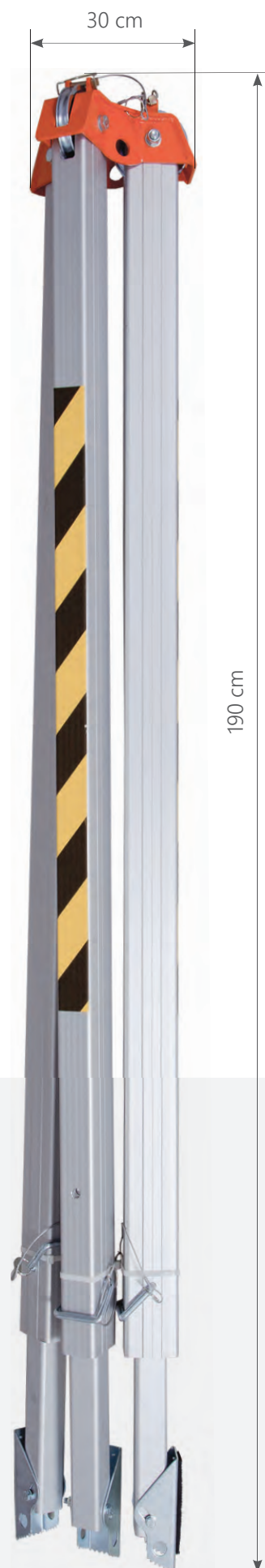


The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW



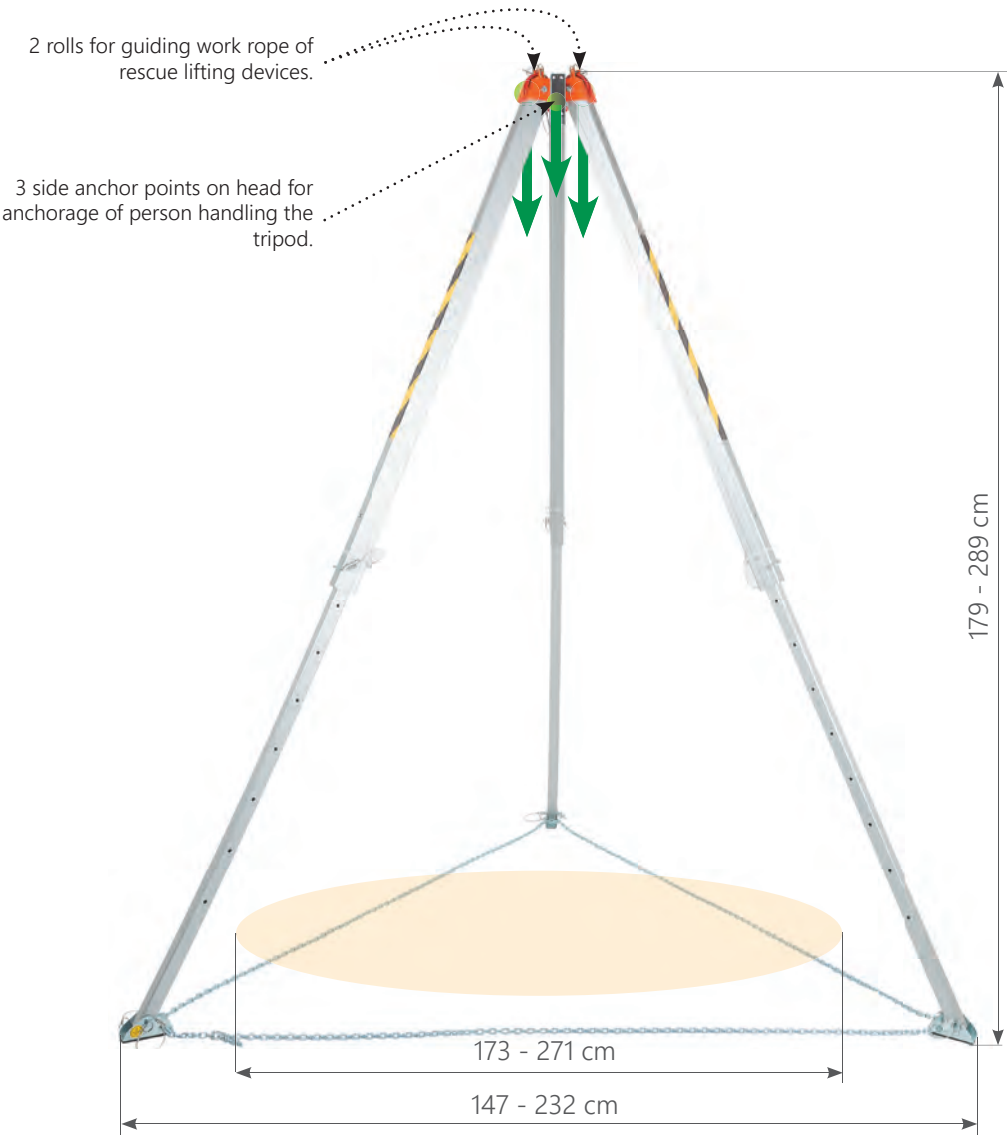
3 side anchor points on head for anchorage of person handling the tripod.





1. SAFETY TRIPOD

Compatible with lifting devices: RUP 502-A
RUP 503
CRW 200+AT174
CRW 300+AT172



TM 14 is a rescue system serving 2 functions: standard safety tripod and rescue frame.

- 1. BASIC VARIANT (page 18)
- 2. RESCUE FRAME VARIANT (page 20)



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons

BASIC VARIANT

Height:	179 - 289 cm
Opening diameter under tripod:	173 - 271 cm
Leg spacing:	147 - 232 cm
Device weight:	37 kg
Anchor points on head:	3
Lifting and descending:	max. 2 persons
Transport dimensions:	190 x 30 x 30 cm



The head is made of powder coated galvanized steel. It is equipped with two wheels for guiding work rope of rescue devices. Cotters above wheels provide protection of the rope against accidental slipping during work.



The tripod's legs are made of strengthened aluminium profiles with 9-step adjustment, and are locked with cotters. Two legs "A" – equipped with a wheel (for work rope guiding) and anchor point (bore) for mounting winches; third leg "B" is without wheel and anchor point.



Aluminium steps are mounted with cotters and provide easier access to the tripod's head while extending the legs to their maximum height.



Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

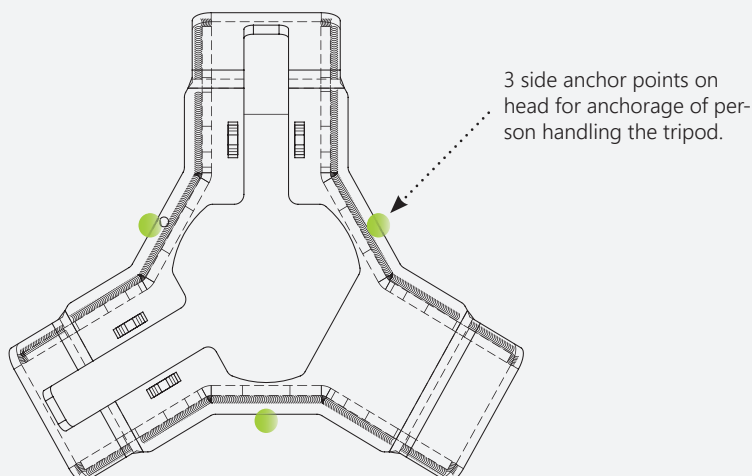


The tripod's legs can be secured with textile webbing or steel chain.

TM 14 BASIC SET



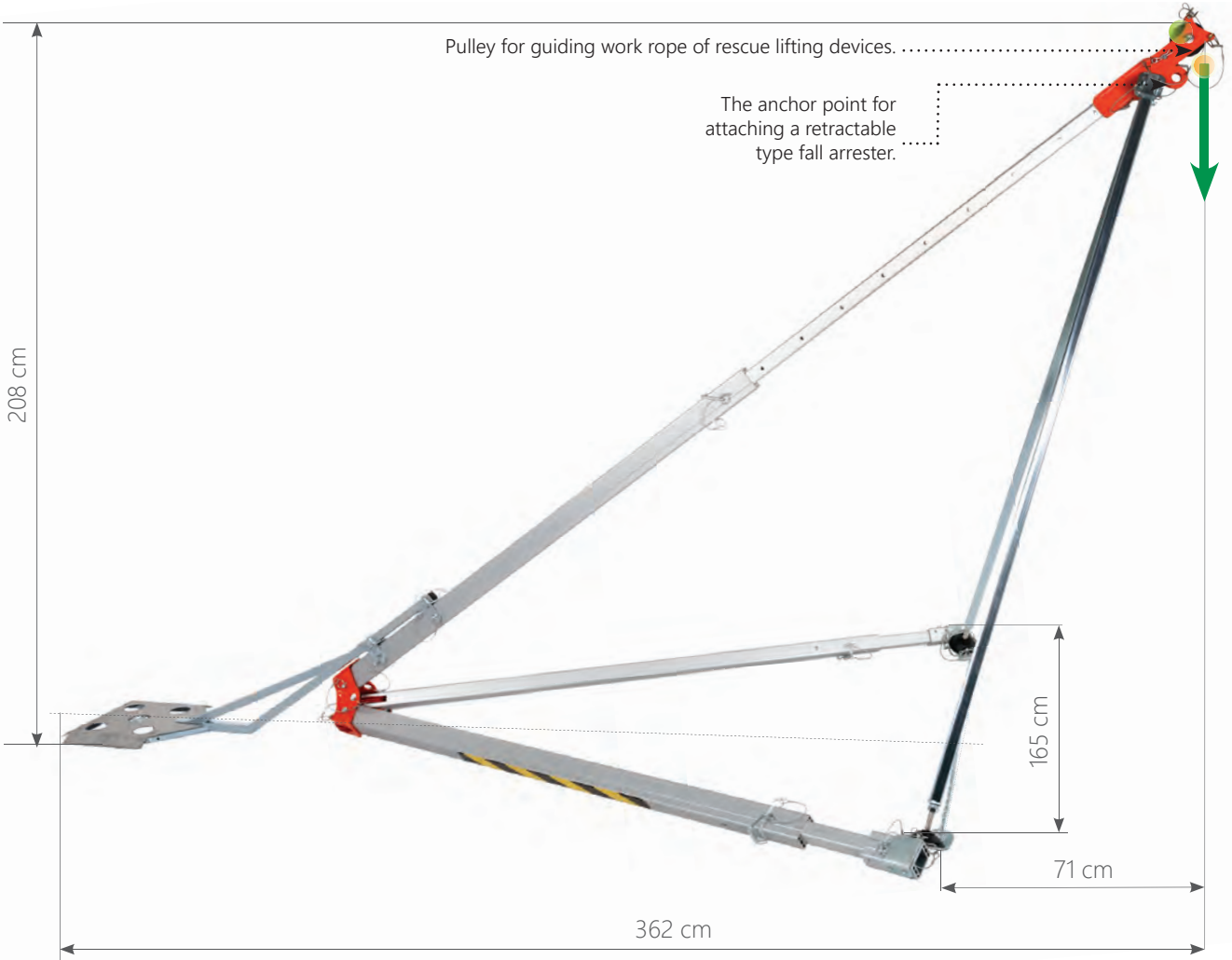
HEAD – PLAN VIEW





2. CANTILEVER RESCUE SYSTEM

Compatible with lifting devices:
RUP 502-A
RUP 503
CRW 200+AT174
CRW 300+AT172



TM 14 is a rescue system serving 2 functions: standard safety tripod and rescue frame.

- 1. BASIC VARIANT (page 18)
- 2. RESCUE FRAME VARIANT (page 20)



EN 795/E:2012
TS 16415/E:2013

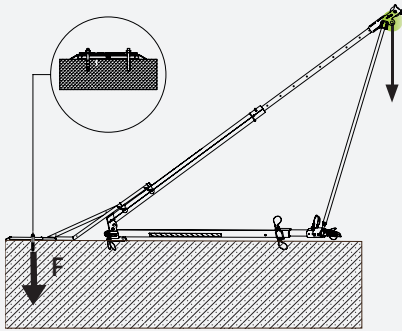


Max.
2 persons

RESCUE FRAME

Height:	208 cm
Extension:	71 cm
Overall length:	362 cm
Leg spacing:	165 cm
Weight:	65 kg
Lifting and descending:	max 200 kg

ANCHORING TO THE GROUND



Drive-on plate can be fixed to a concrete or steel surface by means of at least 2 mechanical or chemical anchors with minimum tensile strength of 12 kN.



The pulley is made of powder coated galvanized steel, and is equipped with a wheel for guiding the winch's rope when used as rescue frame. The pulley has an additional anchor point which can be used for e.g. for mounting a retractable type fall arrester.



Supports with feet provide support for arm with pulley at its end. They are made of aluminium and galvanized steel.



In order to improve the strength of the structure, the tripod's legs with supports at their ends are secured with steel chain.



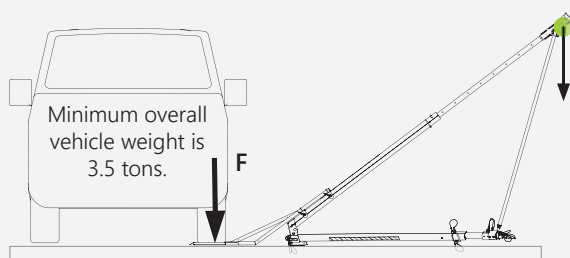
The drive-on plate is made of galvanized and stainless steel, and is used for installation of counterweight. Counterweight can be a set of steel plates or a vehicle at 3.5 t. The plate can be fixed to the ground by means of mechanical or chemical anchors.



Set of steel plates can be used as counterweight if the tripod cannot be additionally loaded by a vehicle or fixed to the ground. It comprises 19 special plates made of powder coated steel of 25 kg each.



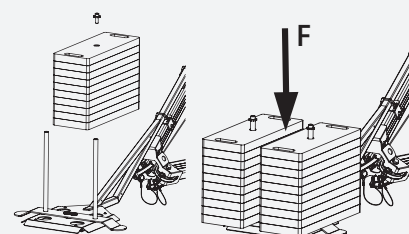
VEHICLE AS A COUNTERWEIGHT



Drive-on plate can be loaded by a wheel on the axle at which the motor is installed. Minimum overall vehicle weight is 3.5 tons.

SET OF STEEL PLATES AS A COUNTERWEIGHT

Additional option.



Drive-on plate can be additionally loaded with special steel counterweight plates of 25 kg each.

STEEL PLATES SET **AT015-600**.

- Counterweight plates - 16 pcs
- Set of mounting screws - 1 pc
- Counterweight bracket rods - 2 pcs
- Rods plate - 1pc



PROTEKT®

MATERIAL TRIPODS

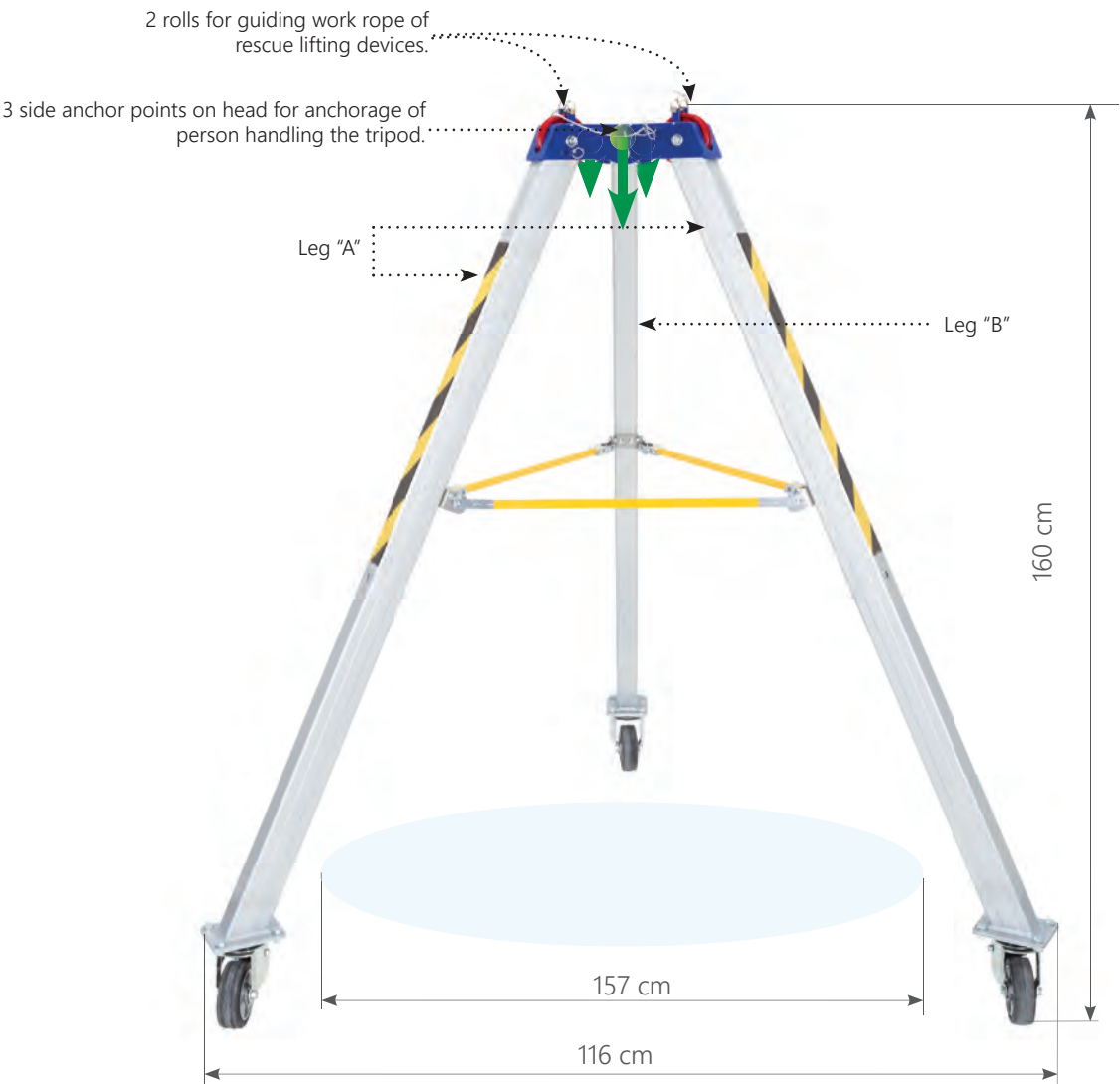
TM6-T	24
TM7-T	26
TM9-T	28
TM11-T2	30
TM13-T	32



TM 6-T

HEIGHT:
160 CM

Compatible with lifting devices: RUP 502-AT
RUP 503-T



Material tripod TM 6-T is a mobile anchor device intended for lifting and descending loads of maximum weight of up to 1000 kg. Guiding rolls are integrated with the tripod's head enabling operation with rescue lifting devices with no need of using any additional pulley.



Capacity of up to 1000 kg



BASIC VARIANT

Height:	160 cm
Opening diameter under tripod:	157 cm
Leg spacing:	116 cm
Device weight:	34 kg
Anchor points on head:	3
Lifting and descending:	up to 1000 kg
Transport dimensions:	200x47x47 cm



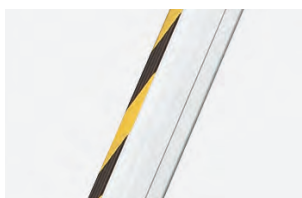
The head is made of powder coated galvanized steel. Equipped with 2 rolls for guiding work rope of rescue lifting devices. Cotter pins above wheels provide protection of the rope against accidental slipping during work.



Automatic leg opening locks protect the tripod against accidental falling during use.



Bars are made of powder coated galvanized steel. They stabilize the tripod during work. Each bar is secured with ratchets protecting them against being taken out during work.

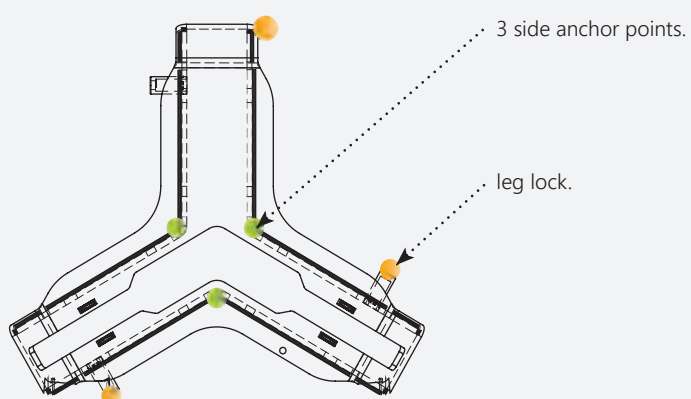


The tripod's legs are made of strengthened aluminium profiles. Two legs "A" – equipped with a wheel (for work rope guiding) and anchor point (bore) for mounting winches; third leg "B" is without wheel and anchor point.



Swivel wheels are made of aluminium alloy and rubber (wheel) and galvanized steel (housing). Two legs "A" are equipped with swivel wheels with brake. Wheels provide for easier tripod's mobility.

HEAD – PLAN VIEW

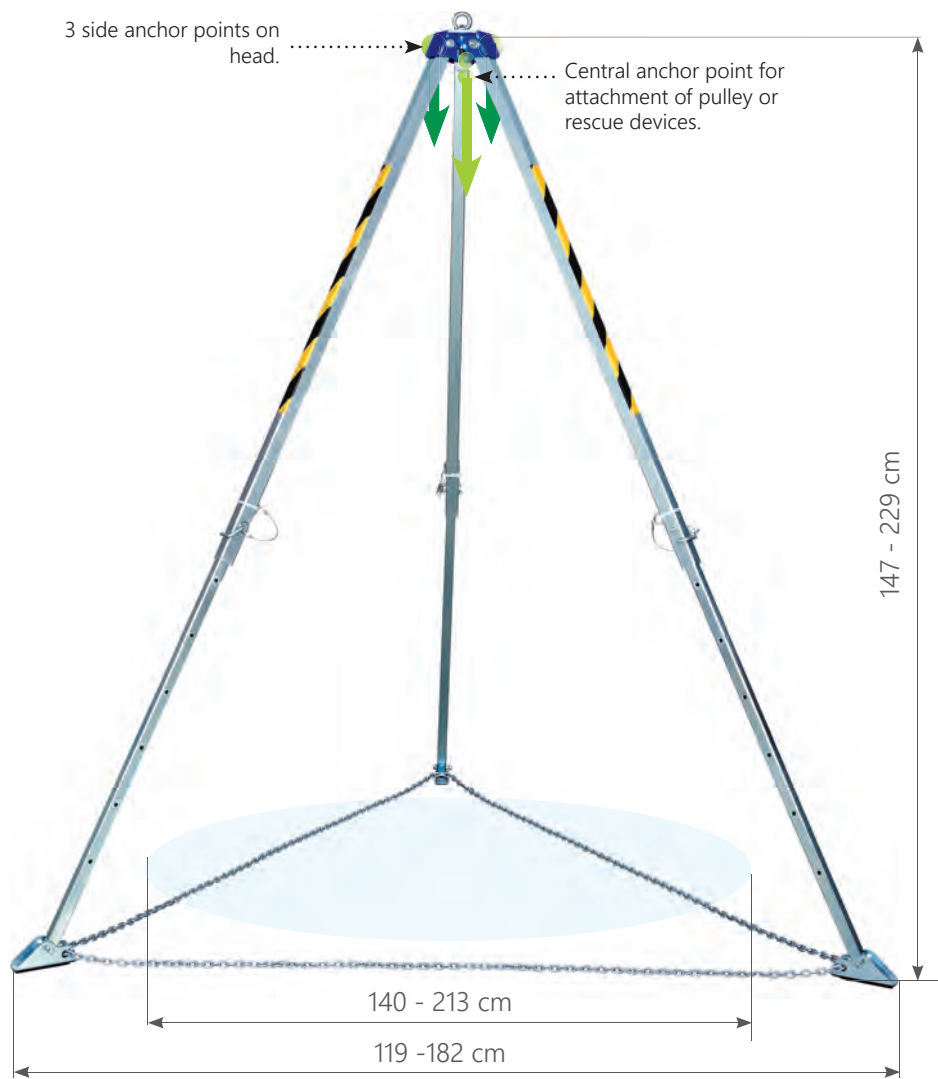




TM 7-T

MAX HEIGHT:
229 CM

Compatible with lifting devices: RUP 502-BT
RUP 503-BT



TM 7-T is a steel material tripod intended for lifting/descending loads of maximum weight of up to 1000 kg.

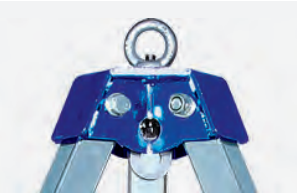
BASIC VARIANT



Capacity of up
to 1000 kg



Height:	147-229 cm
Opening diameter under tripod:	140-213 cm
Leg spacing:	119-182 cm
Device weight:	35 kg
Anchor points on head:	4
Lifting and descending:	up to 1000 kg
Transport dimensions:	175x23x23 cm



The head has been made of powder coated galvanized steel, and is equipped with 1 central anchor point as an eye bolt and 3 additional side anchor points on the head.



Above the head, there is an eye for easier tripod handling.



Legs are made of aluminium, and feature 7-step adjustment with cotter-locked position.

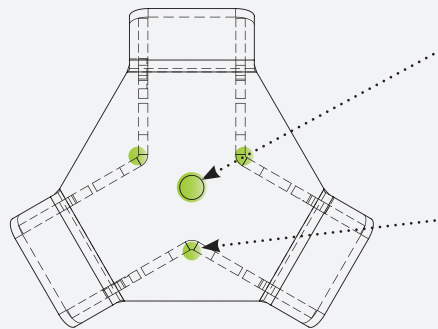


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



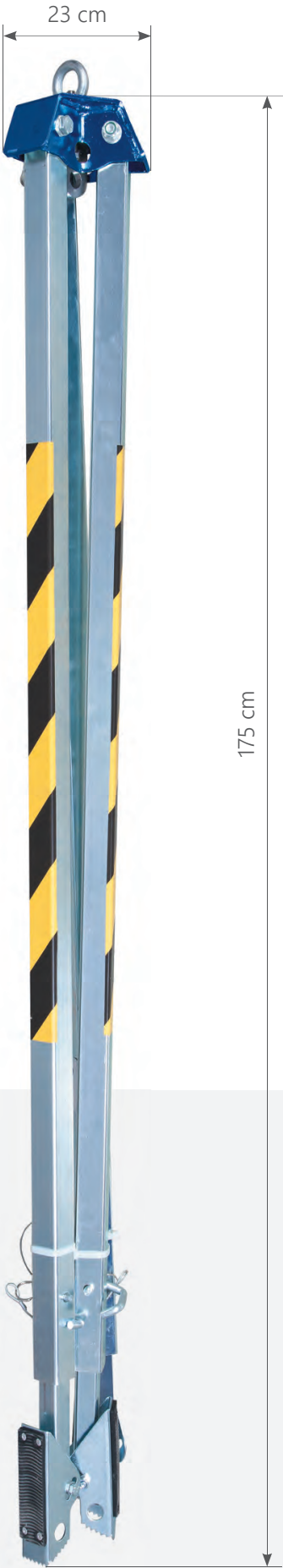
The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW



Central anchor point for pulley.

3 side anchor points on head for anchorage of person handling the tripod.

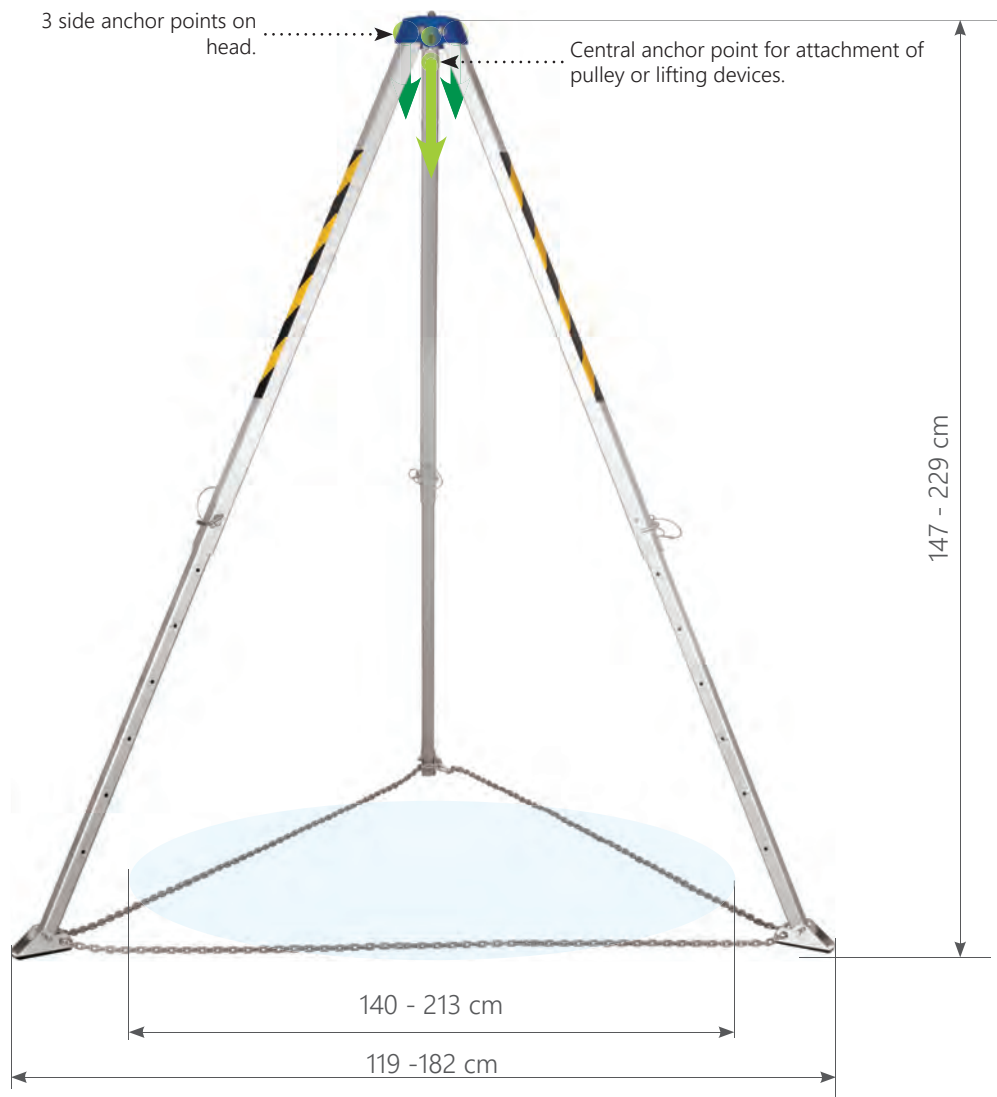




TM 9-T

MAX HEIGHT:
229 CM

Compatible with lifting devices: RUP 502-T



TM 9-T is a material tripod intended for lifting/descending loads of maximum weight of up to 500 kg.

BASIC VARIANT



Capacity of up
to 500 kg



Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	4
Lifting and descending:	up to 500 kg
Transport dimensions:	175 x 23 x 23 cm



The head has been made of powder coated galvanized steel, and is equipped with 1 central anchor point as an eye bolt and 3 additional side anchor points on the head.



Legs are made of aluminium, and feature 7-step adjustment with cotter-locked position.

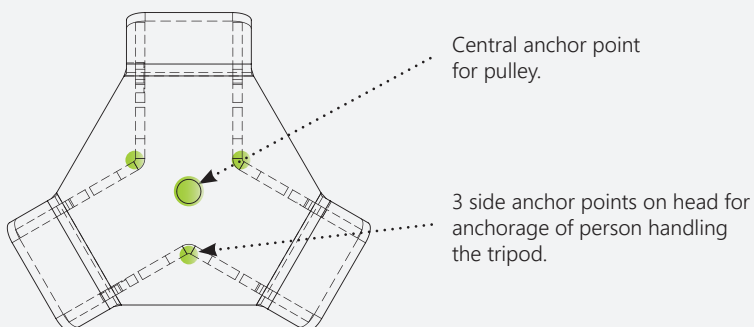


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW

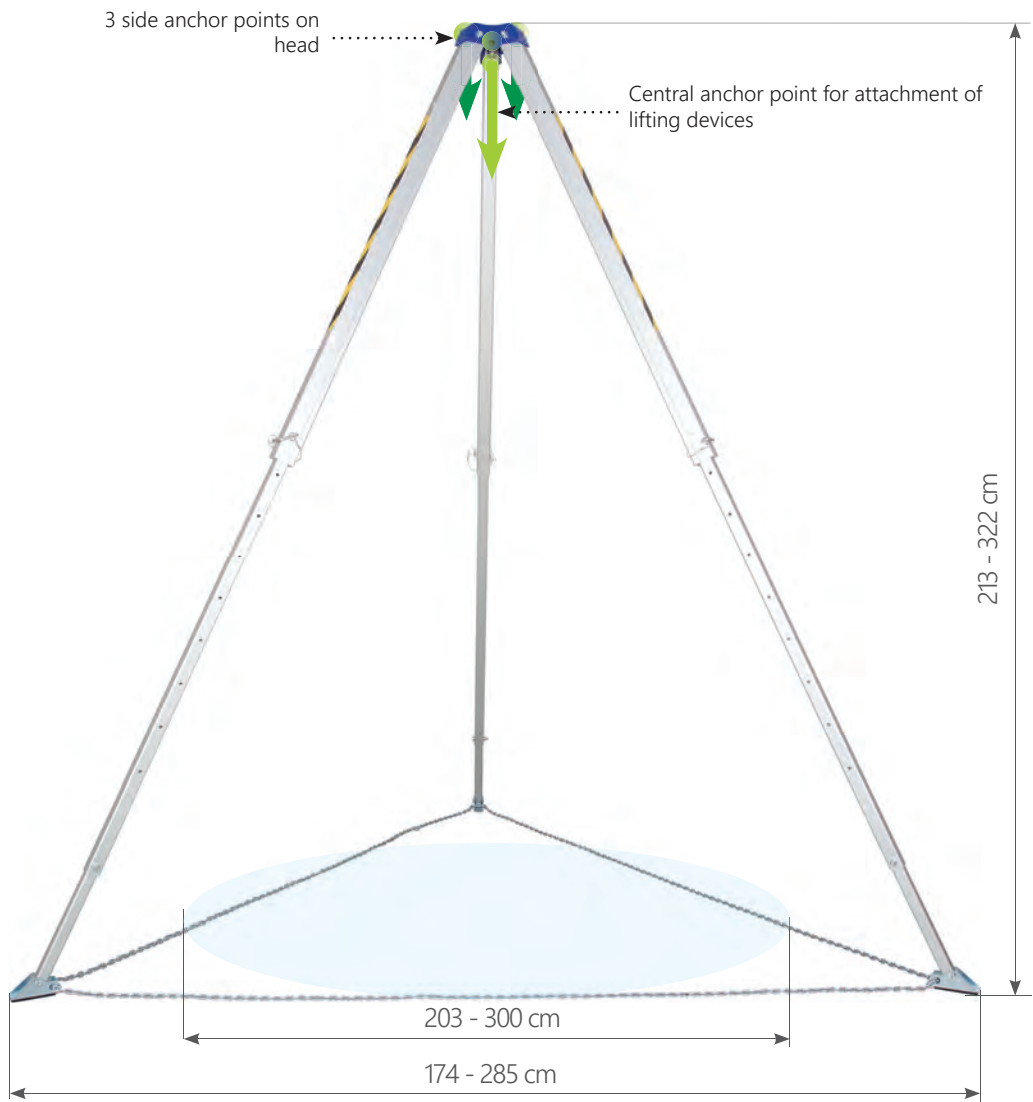




TM 11-T2

MAX HEIGHT:
322 CM

Compatible with lifting devices: RUP 502-AT



TM 11-T2 is a device for material handling, equipped with 4 permanent anchor points with capacity of up to 1000 kg.

BASIC VARIANT



Capacity of up
to 1000 kg



Height:	213 - 322 cm
Opening diameter under tripod:	203 - 300 cm
Leg spacing:	174 - 285 cm
Device weight:	45,5 kg
Anchor points on head:	4
Lifting and descending:	up to 1000 kg
Transport dimensions:	230x29,5x29,5 cm



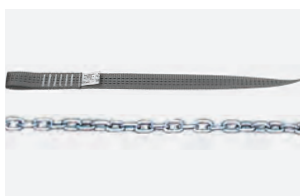
The head has been made of powder coated galvanized steel, and is equipped with 1 central anchor point as an eye bolt and 3 additional side anchor points on the head.



Legs are made of aluminium, and feature 7-step adjustment with cotter-locked position.

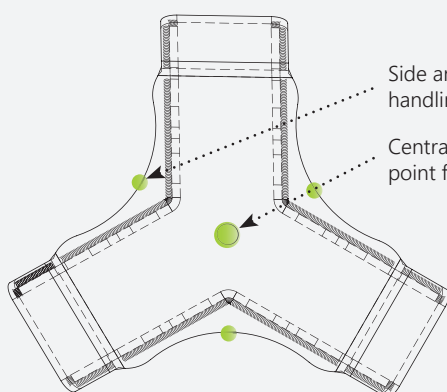


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW



Side anchor points for anchorage of person handling the tripod.

Central anchor point for pulley.

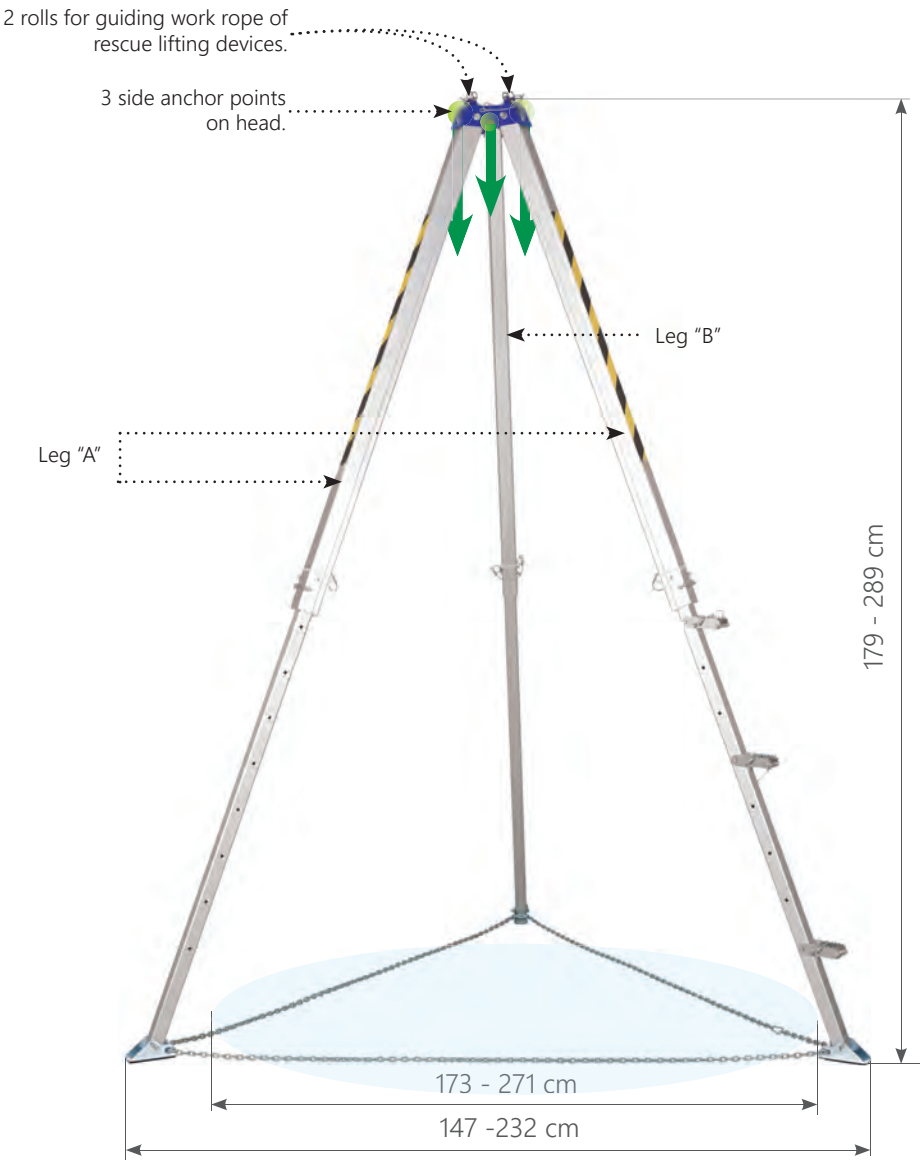




TM 13-T

MAX HEIGHT:
289 CM

Compatible with lifting devices: RUP 502-AT
RUP 503-T



TM 13-T is a material handling tripod intended for lifting/descending loads of maximum weight of up to 1000 kg.



Capacity of up
to 1000 kg



BASIC VARIANT

Height:	213 - 322 cm
Opening diameter under tripod:	203 - 300 cm
Leg spacing:	174 - 285 cm
Device weight:	45,5 kg
Anchor points on head:	4
Lifting and descending:	up to 1000 kg
Transport dimensions:	230 x 29,5 x 29,5 cm



The head is made of powder coated galvanized steel. It is equipped with two wheels for guiding work rope of rescue or lifting devices. Cotter pins above wheels provide protection of the rope against accidental slipping during work.



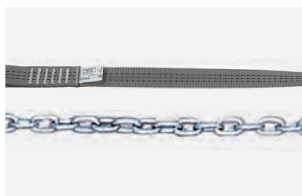
The tripod's legs are made of strengthened aluminium profiles with 9-step adjustment, and are locked with cotter pins. Two legs "A" – equipped with a wheel (for work rope guiding) and anchor point (bore) for mounting winches; third leg "B" is without wheel and anchor point.



Aluminium steps are mounted with cotter pins and provide easier access to the tripod's head while extending the legs to their maximum height.

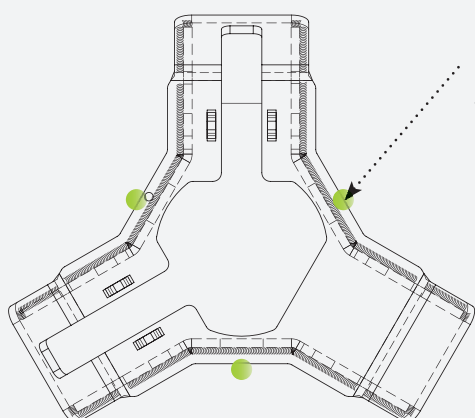


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



The tripod's legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW

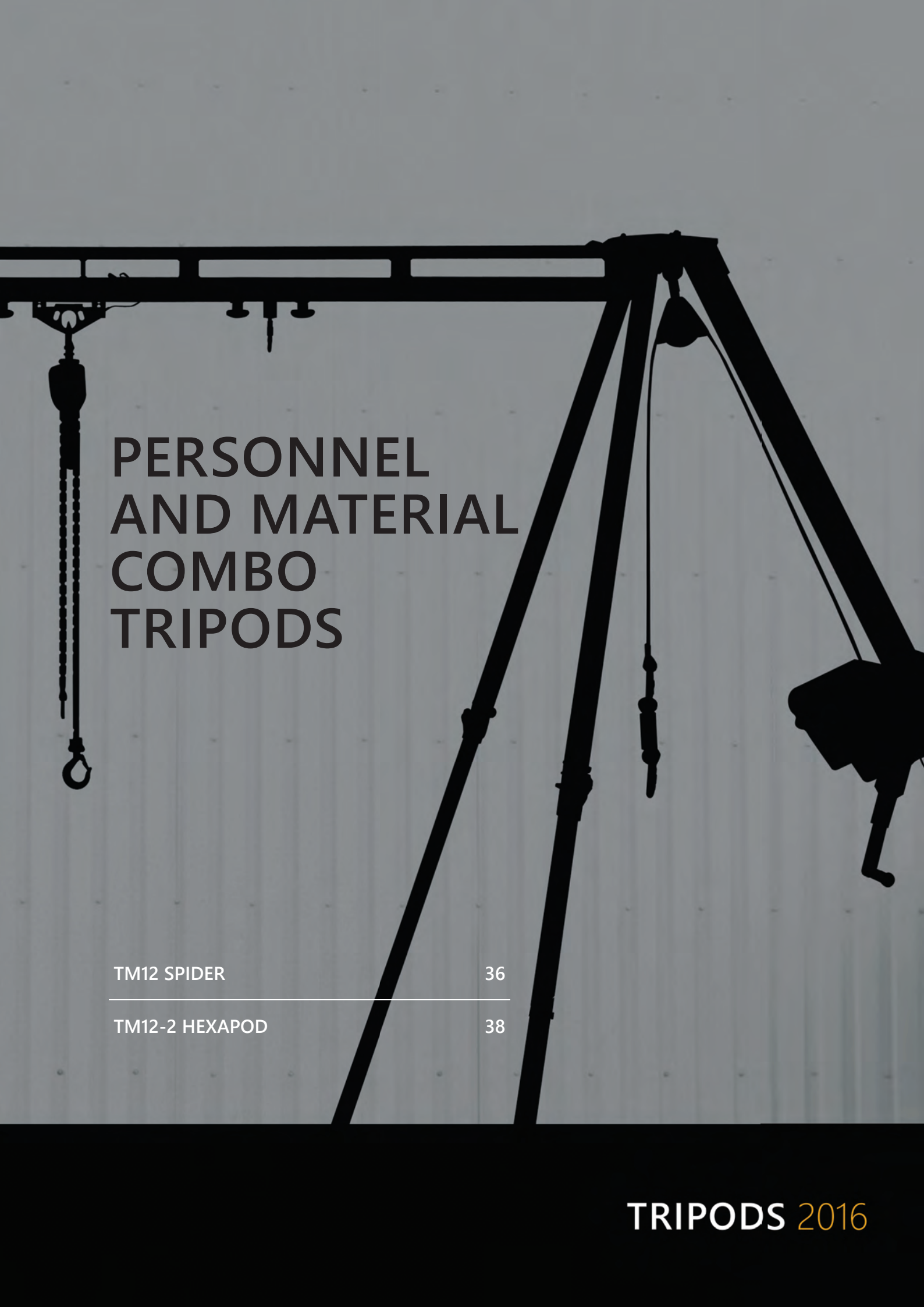


Side anchor points for anchorage of person handling the tripod.





PROTEKT®



PERSONNEL AND MATERIAL COMBO TRIPODS

TM12 SPIDER

36

TM12-2 HEXAPOD

38



TM 12 SPIDER

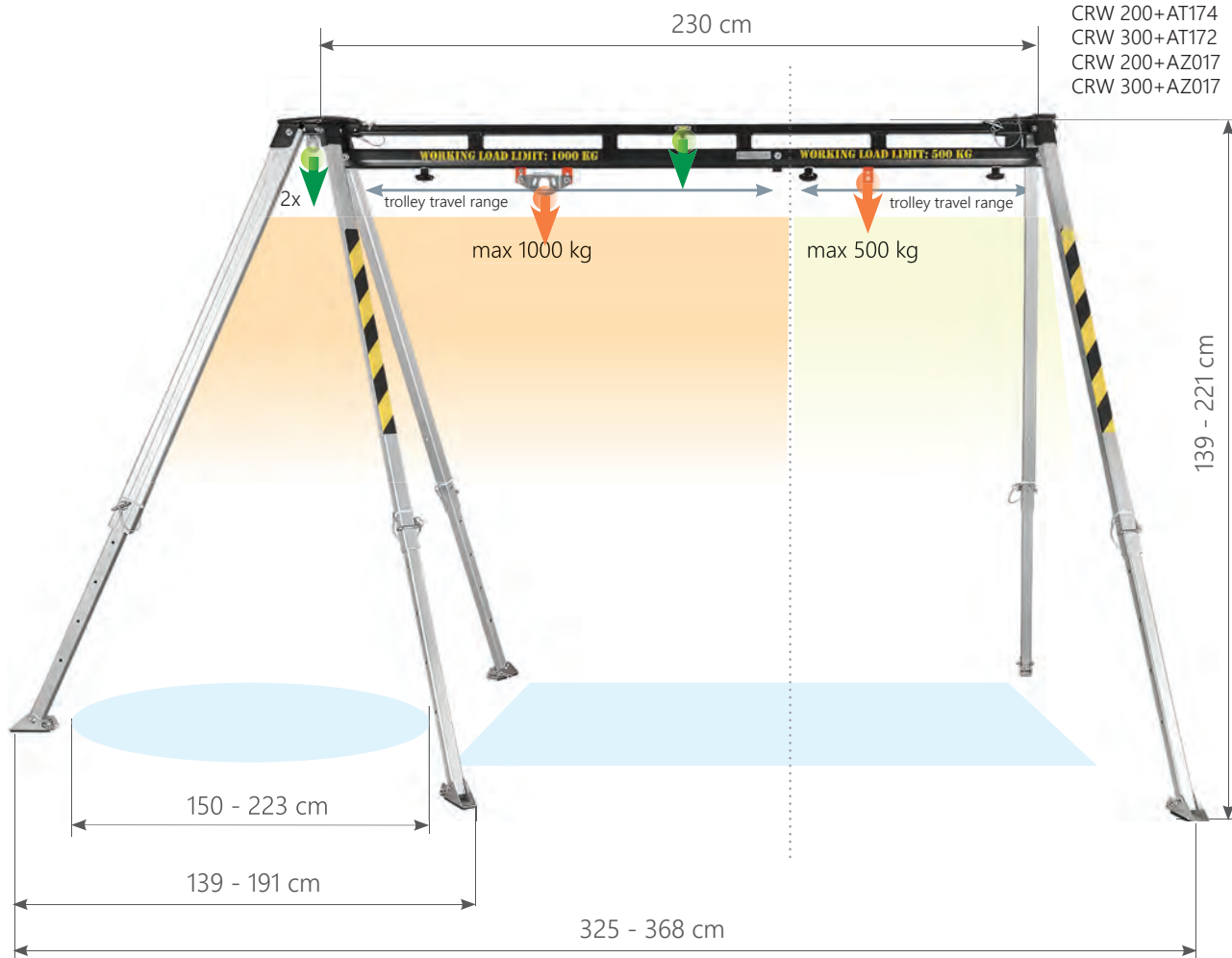
MAX HEIGHT:
221 CM

LENGTH:
368 CM

EN 795/B:2012
TS 16415/B:2013

Compatible with lifting devices:

- RUP 502-A
- RUP 502-AT
- RUP 503
- RUP503-T
- CRW 200+AT174
- CRW 300+AT172
- CRW 200+AZ017
- CRW 300+AZ017



Movable points ●

Anchor points ●

TM 12 SPIDER is a personnel and material device equipped with 2 movable and 4 fixed anchor points.



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons
or
capacity of up
to 1000 kg



BASIC VARIANT

Height:	139 - 221 cm
Opening diameter under tripod:	150 - 223 cm
Tripod spacing:	139 - 191 cm
Spacing of the complete device:	325 - 368 cm
Beam weight:	30 kg
Beam length:	230 cm
Device weight:	72 kg
Maximum permissible load:	1000 kg
Lift / Descent for:	max. 2 persons
Fixed anchor points:	4
Movable anchor points:	2
Transport dimensions:	251x36x31 cm



Steel trolley travelling along the beam is a movable anchor point which can be locked in a fixed position. The point withstands the load of up to 1000 kg or enables lifting/descending of 1 person.



Steel trolley travelling along the beam is a movable anchor point which can be locked in a fixed position. The point withstands a load of up to 500 kg.



The tripod's beam is made of powder coated galvanized steel, and has 2 permanent anchor points for a person handling the tripod. The beam is equipped with a level indicating whether the device is set properly.



The tripod's head is made of powder coated galvanized steel. It is equipped with an attachment point for a pulley and an additional anchor point for attachment of person handling the tripod.



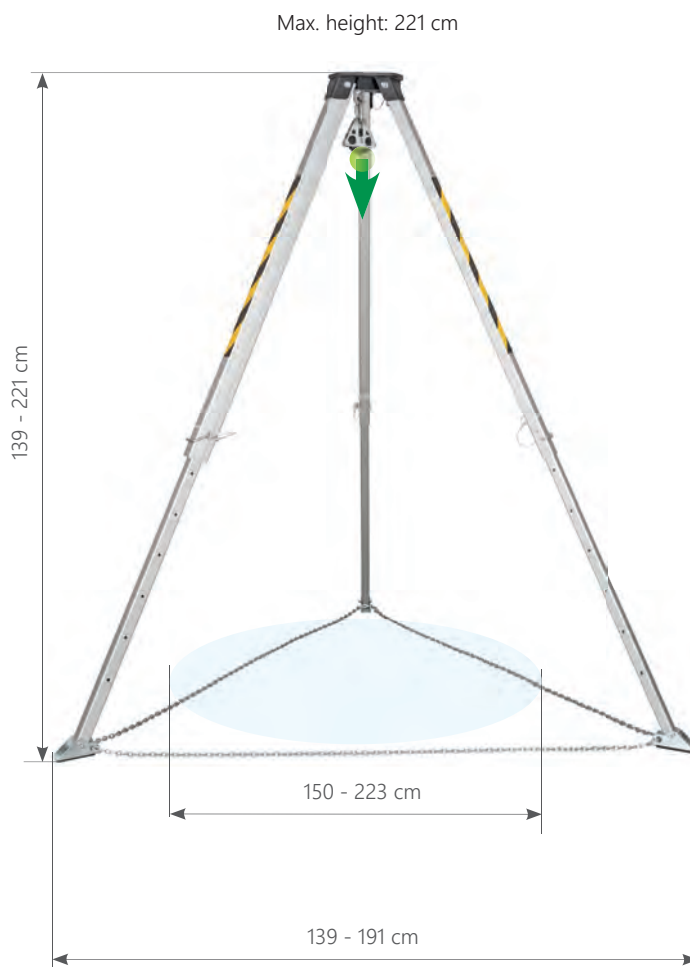
The tripod's legs are made entirely of aluminium, and feature 7-step adjustment flexible adaptation of the device's height to desired conditions.



Anti-slip tripod's foot can be adjusted to slippery surfaces.



The tripod's legs can be secured with a light textile webbing or a heavier steel chain.



With the system TM 12 Spider it is possible to use the left tripod as an independent work tripod for handling materials or lifting and descending personnel.

EXTENDED VARIANT – WORK COMBO TRIPOD

Height:	139 - 221 cm
Opening diameter under tripod:	150 - 223 cm
Tripod spacing:	139 - 191 cm
Device weight:	72 kg
Lift / Descent for:	max. 1 person
Fixed anchor points:	2
Maximum permissible load:	1000 kg



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons
or



capacity of up
to 1000 kg



TM 12-2 HEXAPOD

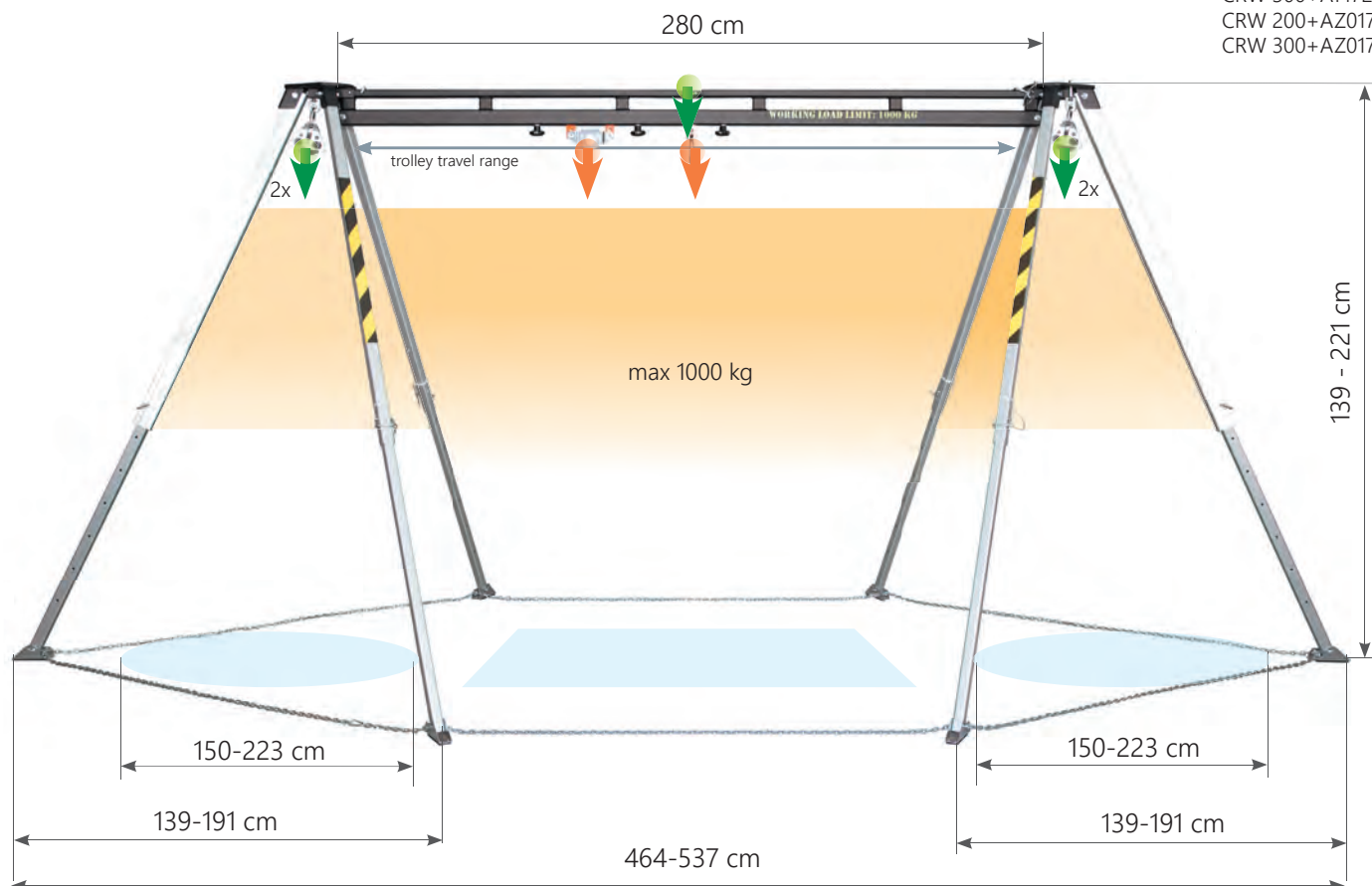
MAX HEIGHT:
221 CM

LENGTH:
537 CM

EN 795/B:2012
TS 16415/B:2013

Compatible with lifting devices:

- RUP 502-A
- RUP 502-AT
- RUP 503
- RUP503-T
- CRW 200+AT174
- CRW 300+AT172
- CRW 200+AZ017
- CRW 300+AZ017



Movable points ●

Anchor points ●

TM 12-2 HEXAPOD is a personnel and material device equipped with 2 movable and 6 fixed anchor points.



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons 
or
capacity of up
to 1000 kg 

BASIC VARIANT

Height:	139-221 cm
Opening diameter under tripod:	150-223 cm
Tripod spacing:	139-191 cm
Spacing of the complete device:	464-537 cm
Beam weight:	34 kg
Beam length:	280 cm
Device weight:	86 kg
Fixed anchor points:	6
Maximum permissible load:	1000 kg
Lift / Descent for:	max. 2 persons
Movable anchor points:	2
Transport dimensions:	251x36x31 cm



Steel trolley travelling along the beam is a movable anchor point which can be locked in a fixed position. The point withstands the load of up to 1000 kg or enables lifting/descending of 1 person.



Steel trolley travelling along the beam is a movable anchor point which can be locked in a fixed position. The point withstands a load of up to 500 kg.



The tripod's beam is made of powder coated galvanized steel, and has 2 permanent anchor points for a person handling the tripod. The beam is equipped with a level indicating whether the device is set properly.



The tripod's head is made of powder coated galvanized steel. It is equipped with an attachment point for a pulley and an additional anchor point for attachment of person handling the tripod.



The tripod's legs are made entirely of aluminium, and feature 7-step adjustment flexible adaptation of the device's height to desired conditions.

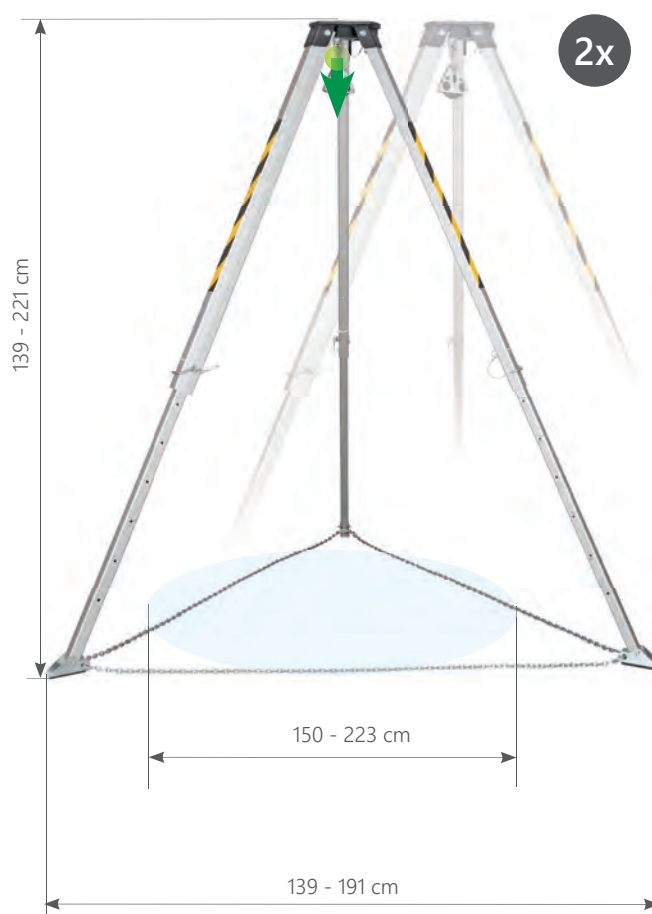


Anti-slip tripod's foot can be adjusted to slippery surfaces.



The tripod's legs can be secured with a light textile webbing or a heavier steel chain.

Max. height: 221 cm



With the system TM 12-2 Hexapod it is possible to use side tripods as independent work tripods for handling materials or lifting and descending personnel

EXTENDED VARIANT – WORK COMBO TRIPOD

Height:	139 - 221 cm
Opening diameter under tripod:	150 - 223 cm
Tripod spacing:	139 - 191 cm
Device weight:	86 kg
Lift / Descent for:	max. 1 person
Fixed anchor points:	2
Maximum permissible load:	1000 kg



EN 795/B:2012
TS 16415/B:2013



Max.
2 persons
or



capacity of up
to 1000 kg



PROTEKT®

RESCUE DEVICES & LIFTING DEVICES

RUP 502	42
RUP 502-A	44
RUP 502-B	46
RUP 503	48
RUP 503-B	50
CRW 200	52
CRW 300	54
RUP 502-T	56
RUP 502-AT	58
RUP 502-BT	60
RUP503-T	62
RUP503-BT	64
PULLEYS PL 101, TU 415, TU 416	66



RESCUE LIFTING DEVICE RUP 502

EN 1496/B

Compatible with tripod types: TM 9, TM 9-L, TM 9-W



CABLE PARAMETERS:



6x19+NFC



Ø 6,3 mm

CABLE LENGTH VARIANTS:



20 m



25 m

ACCESSORIES:

- Spring-type energy absorber SDW
- Pulley PL 101

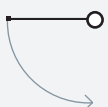
SPUR GEARING:



1 : 5

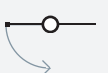
OVERALL MECHANISM RATIO:

Variant 1:



1 : 25

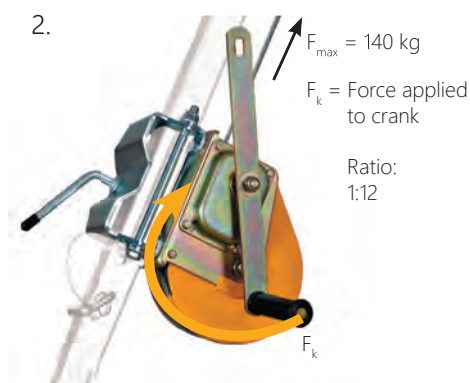
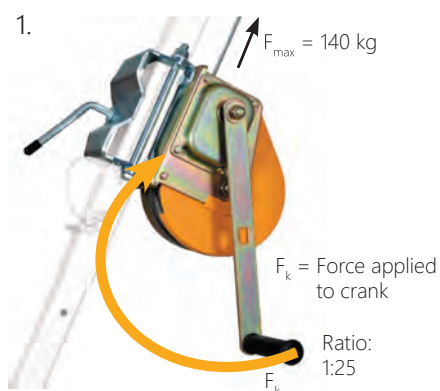
Variant 2:



1 : 12

DESCRIPTION OF DEVICE:

- RUP 502 is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 20 and 25 m in length and 6.3 mm in diameter;
- RUP 502 is a component of rescue equipment. With use of the device a victim can be lifted from a lower level onto a higher or descended from a higher to a lower. The descent distance cannot be more than 2 m.
- With the ratio used in the mechanism it is possible to make one turn of drum per 5 turns of the winch's crank.
- The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.
- The RUP 502 rescue device complies with EN 1496/B.



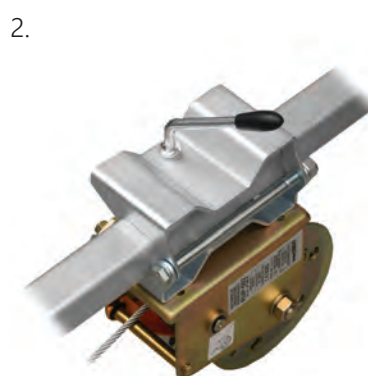
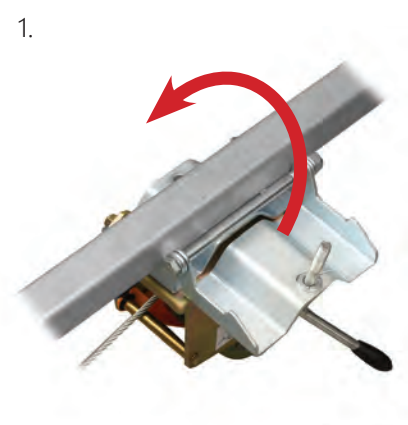
LOADS:

Variant 1:

At load weight ($F_{\max}$) of 140 kg force applied to the crank (F_k) shall be 5.6 kG.

Variant 2:

At load weight ($F_{\max}$) of 140 kg force applied to the crank (F_k) shall be 11.6 kG.



ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 502 is offered with pulley PL 101 and spring-type energy absorber SDW.

MAIN FEATURES:

Winch weight:	13 kg, 14 kg
Available cable variants:	20 m, 25 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 5
Force applied to lift 140 kg for variant 1:	5,6 kG
Force applied to lift 140 kg for variant 2:	11,6 kG
Permissible work load:	140 kg
Compatible with tripod types:	TM9, TM9-L, TM9-W
Standard:	EN 1496/B



EN 1496/B



1 person
at max. 140 kg



RESCUE LIFTING DEVICE RUP 502-A

EN 1496/B

Compatible with tripod types: TM 6, TM 13, TM 12, TM 12-2



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:



20 m



25 m

ACCESSORIES:

- Spring-type energy absorber SDW

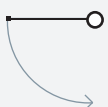
SPUR GEARING:



1 : 5

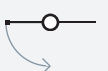
OVERALL MECHANISM RATIO:

Variant 1:



1 : 25

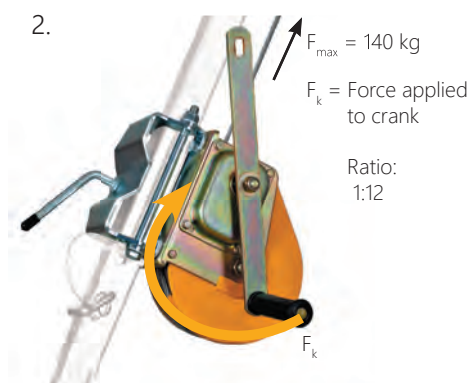
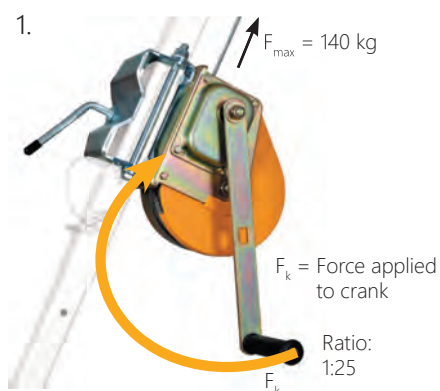
Variant 2:



1 : 12

DESCRIPTION OF DEVICE:

- RUP 502 - A is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 20 or 25 m in length and 6.3 mm in diameter;
- RUP 502 - A is a component of rescue equipment. With use of the device a victim can be lifted from a lower level onto a higher or descended from a higher to a lower. The descent distance cannot be more than 2 m.
- With the ratio used in the mechanism it is possible to make one turn of drum per 5 turns of the winch's crank.
- The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.
- The RUP 502 - A rescue device complies with EN 1496/B.



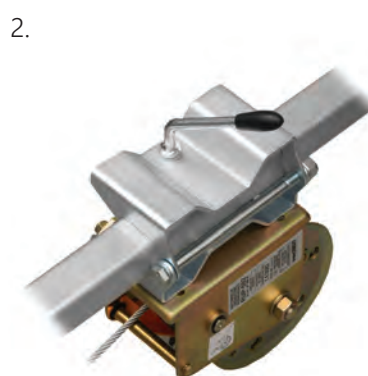
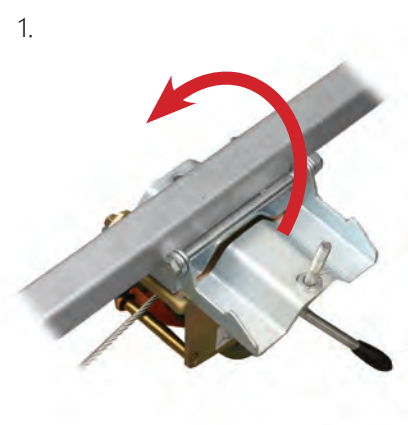
LOADS:

Variant 1:

At load weight ($F_{\max}$) of 140 kg force applied to the crank (F_k) shall be 5.6 kG.

Variant 2:

At load weight ($F_{\max}$) of 140 kg force applied to the crank (F_k) shall be 11.6 kG.



ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 502-A is offered with spring-type energy absorber SDW.

MAIN FEATURES:

Winch weight:	13 kg, 14 kg
Available cable variants:	20 m, 25 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 5
Force applied to lift 140 kg for variant 1:	5,6 kG
Force applied to lift 140 kg for variant 2:	11,6 kG
Permissible work load:	140 kg
Compatible with tripod types:	TM6, TM13, TM12, TM12-2
Standard:	EN 1496/B



EN 1496/B



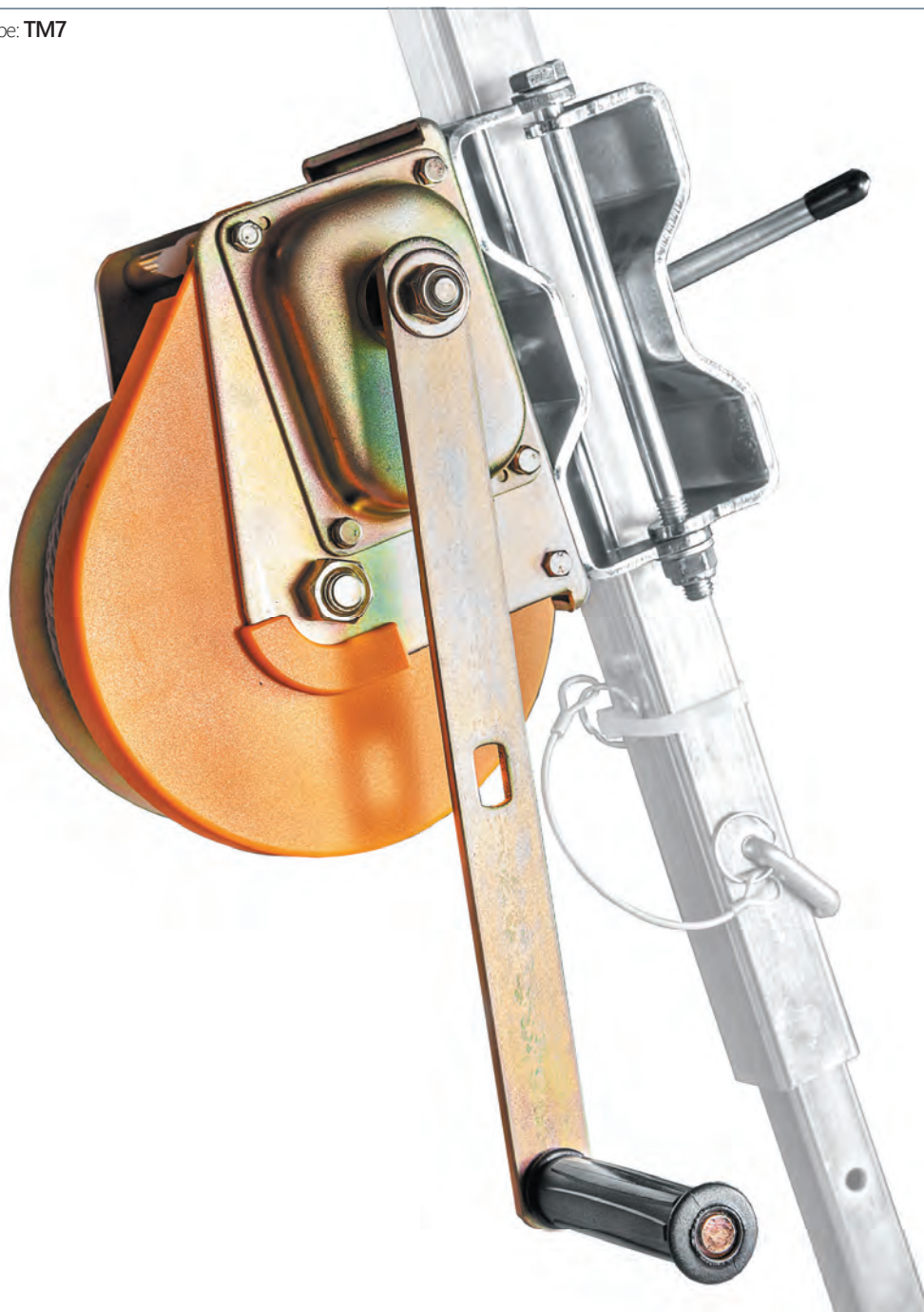
1 person
at max. 140 kg



RESCUE LIFTING DEVICE RUP 502-B

EN 1496/B

Compatible with tripod type: **TM7**



CABLE PARAMETERS:



6x19+NFC



Ø 6,3 mm

CABLE LENGTH VARIANTS:



20 m



25 m

ACCESSORIES:

- Spring-type energy absorber SDW
- Pulley PL 101

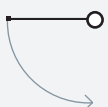
SPUR GEARING:



1 : 5

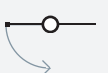
OVERALL MECHANISM RATIO:

Variant 1:



1 : 25

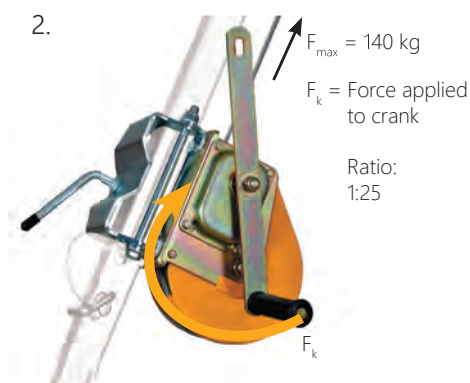
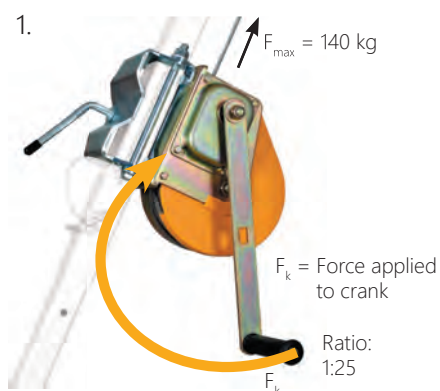
Variant 2:



1 : 12

DESCRIPTION OF DEVICE:

- RUP 502-B is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 25 m in length and 6.3 mm in diameter;
- RUP 502-B is a component of rescue equipment. With use of the device a victim can be lifted from a lower level onto a higher or descended from a higher to a lower. The descent distance cannot be more than 2 m.
- With the ratio used in the mechanism it is possible to make one turn of drum per 5 turns of the winch's crank.
- The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.
- The RUP 502 - B rescue device complies with EN 1496/B.



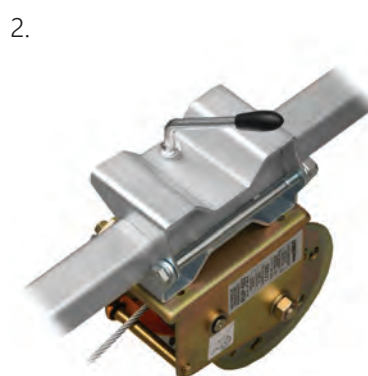
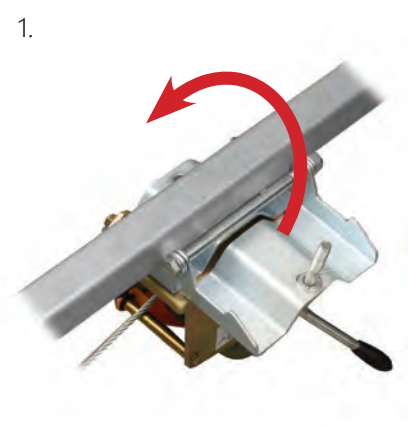
LOADS:

Variant 1:

At load weight ($F_{\max}$) of 140 kg force applied to the crank (F_k) shall be 5.6 kG.

Variant 2:

At load weight ($F_{\max}$) of 140 kg force applied to the crank (F_k) shall be 11.6 kG.



ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 502-B is offered with pulley PL 101 and spring-type energy absorber SDW.

MAIN FEATURES:

Winch weight:	13 kg, 14 kg
Available cable variants:	20 m, 25 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 5
Force applied to lift 140 kg for variant 1:	5,6 kG
Force applied to lift 140 kg for variant 2:	11,6 kG
Permissible work load:	140 kg
Compatible with tripod types:	TM7
Standard:	EN 1496/B



EN 1496/B



1 person
at max. 140 kg



RESCUE LIFTING DEVICE RUP 503

EN 1496/B

Compatible with tripod types: **TM6, TM12, TM12-2, TM13**



Switch for winch mechanism clutch disengagement and switching descent/lift modes.



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:

— 25 m

— 35 m

— 45 m

— 50 m

SPUR GEARING:



1 : 7,2

OVERALL MECHANISM RATIO:



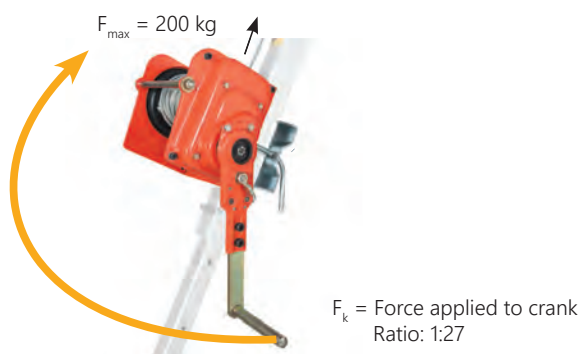
1 : 27

ACCESSORIES:

- Spring-type energy absorber SDW

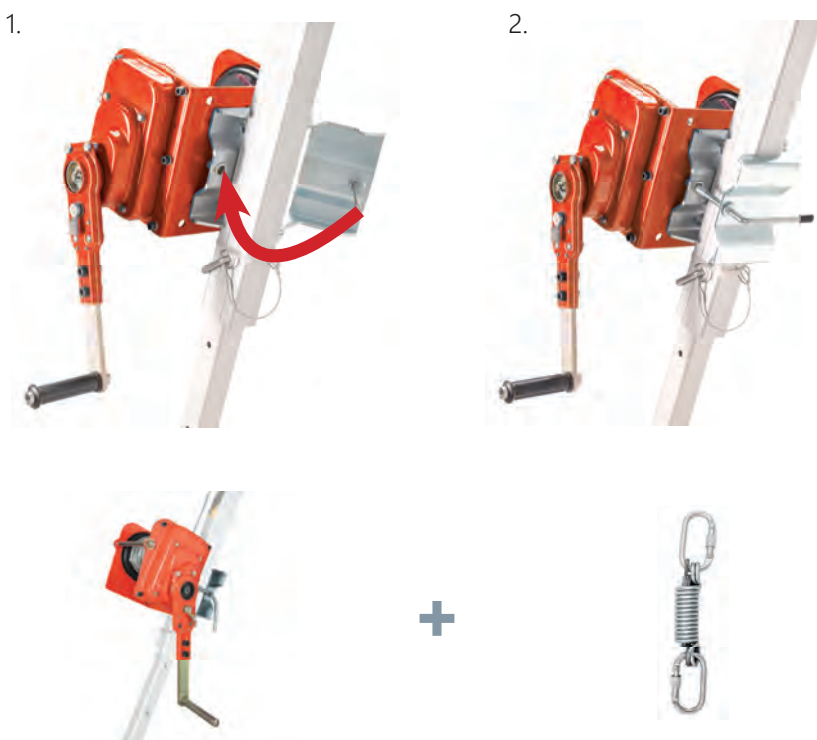
DESCRIPTION OF DEVICE:

- RUP 503 is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern, available in options of 25 m, 35 m, 45 m, 50 m in length and 6.3 mm in diameter;
- RUP 503 is a component of rescue equipment. With use of the device a victim can be lifted from a lower level onto a higher or descended from a higher to a lower. The descent distance cannot be more than 2 m;
- With the ratio used in the mechanism it is possible to make one turn of drum per 7.2 turns of the winch's crank;
- Crank arm can be disassembled for easier transport;
- The RUP 503 rescue device complies with EN 1496/B.



LOADS:

At load weight ($F_{\max}$) of 200 kg force applied to the crank (F_k) shall be 7.41 kG.



ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.

KIT:

Rescue winch RUP 503 is offered with spring-type energy absorber SDW.

MAIN FEATURES:

Winch weight depending on cable length:	22,5 kg to 26,2 kg
Cable length:	25 m, 35 m, 45 m lub 50 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1: 7,2
Force required for pulling load with weight of 200 kg:	7,41 kG
Permissible work load:	200 kg
Compatible with tripod types:	TM6, TM12, TM12-2, TM13
Standard:	EN 1496/B



EN 1496/B



2 persons
at max. 200 kg



RESCUE LIFTING DEVICE RUP 503-B

EN 1496/B

Compatible with tripod types: **TM7**



Switch for winch mechanism clutch disengagement and switching descent/lift modes.



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:

— 25 m

— 35 m

— 45 m

— 50 m

SPUR GEARING:



1 : 7,2

OVERALL MECHANISM RATIO:



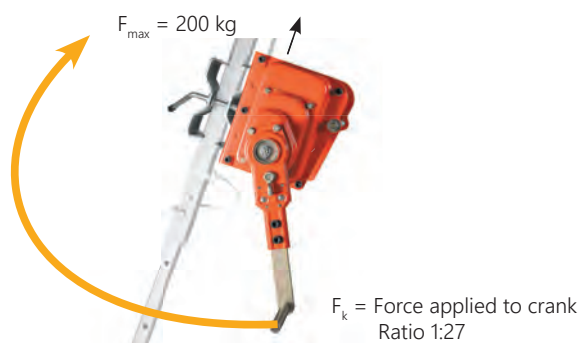
1 : 27

ACCESSORIES:

- Spring-type energy absorber SDW
- Pulley PL 101

DESCRIPTION OF DEVICE:

- RUP 503-B is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern, available in options of 25 m, 35 m, 45 m, 50 m in length and 6.3 mm in diameter;
- RUP 503-B is a component of rescue equipment. With use of the device a victim can be lifted from a lower level onto a higher or descended from a higher to a lower. The descent distance cannot be more than 2 m;
- With the ratio used in the mechanism it is possible to make one turn of drum per 7.2 turns of the winch's crank;
- Crank arm can be disassembled for easier transport;
- The RUP 503 - B rescue device complies with EN 1496/B;



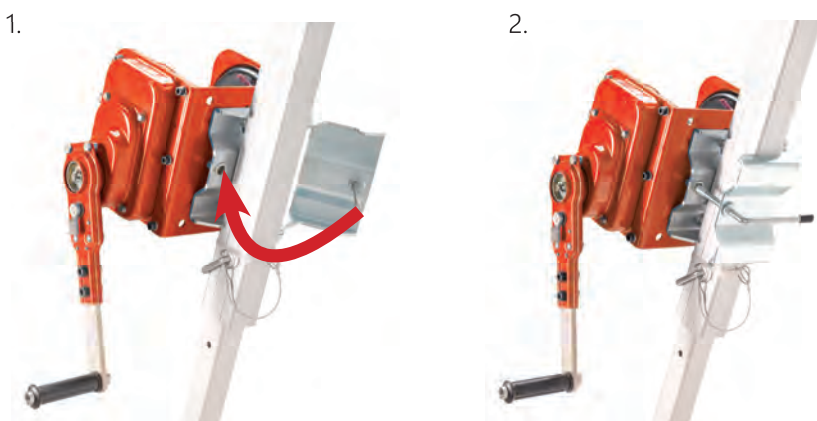
LOADS:

At load weight ($F_{\max}$) of 200 kg force applied to the crank (F_k) shall be 7.41 kG.

ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 503-B is offered with pulley PL 101 and spring-type energy absorber SDW.

MAIN FEATURES:

Winch weight depending on cable length:	22,5 kg to 26,2 kg
Cable length:	25 m, 35 m, 45 m lub 50 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1: 7,2
Force required for pulling load with weight of 200 kg:	7,41 kG
Permissible work load:	200 kg
Compatible with tripod types:	TM7
Standard:	EN 1496/B



EN 1496/B



2 persons
at max. 200 kg



RETRACTABLE TYPE FALL ARRESTER CRW 200

EN 1496/B
EN 360

Compatible with **ALL** personal tripod types.



At load weight (F_{max}) of 140 kg force applied to the crank (F_k) shall be 6.4 kG.

CABLE PARAMETERS:



7x19 + IWRC



Ø 4,7 mm

CABLE LENGTH VARIANTS:

15 m

SPUR GEARING:



1 : 8,8

OVERALL MECHANISM RATIO:



1 : 22

DESCRIPTION OF DEVICE:

- CRW 200 is a combination of a retractable type fall arrester and a rescue lifting device. The device is equipped with a manual winch featuring lift and descent functions. In order to install on the tripod mount an adequate mounting clamp.
- Connector has fall indicator; the design requires no energy absorber
- Permissible work load: 140 kg
- With the ratio used in the mechanism it is possible to make one turn of drum per 7.4 turns of the winch's crank.
- Retractable type fall arrester CRW 200 is a component of personal fall protection equipment and conforms to EN 360 and EN 1496/B.



Clamp for mounting retractable type fall arrester CRW 200 on the tripod's leg. According to the leg's thickness either clamp AT 173 or AT 174 is used. The clamp is simple to mount, and is made of galvanized steel. Above is the example mounting of clamp AT 173 on the tripod TM 9 leg.

Example mounting of fall arrester CRW 200 by means of clamp AT 173 on tripod TM 9 leg.



Side anchor point on tripod's head can be used to attach fall arrester CRW 200 by means of connector AZ 017.



Example mounting of fall arrester CRW 200 by means of side anchor point on tripod TM 9 head.

MAIN FEATURES:

Winch weight:	11 kg
Cable length:	15 m
Cable diameter:	4,8 mm
Cable type:	7x19 + IWRC
Mechanism ratio:	1 : 8,8
Force required for pulling load with weight of 140 kg:	6.4 kG
Permissible work load:	140 kg
Standard:	EN 1496/B
When clamp AT 173 is used, compatible with tripod type:	TM9, TM9-L, TM9-W
When clamp AT 174 is used, compatible with tripod type:	TM6, TM12, TM12-2, TM13
When connector AZ 017 is used, compatible with tripod type:	TM6, TM7, TM9, TM9-L, TM10, TM12, TM12-2, TM13



EN 1496/B
EN 360



1 person
at max. 140 kg



RETRACTABLE TYPE FALL ARRESTER CRW 300

EN 1496/B
EN 360

Compatible with **ALL** personal tripod types.



At load weight (F_{max}) of 140 kg force applied to the crank (F_k) shall be 6.3 kG.

CABLE PARAMETERS:



7x19 + IWRC



Ø 4,7 mm

CABLE LENGTH VARIANTS:

25 m

SPUR GEARING:



1 : 7,4

OVERALL MECHANISM RATIO:



1 : 22

DESCRIPTION OF DEVICE:

- CRW 300 is a combination of a retractable type fall arrester and a rescue lifting device. The device is equipped with a manual winch featuring lift and descent functions. In order to install on the tripod mount an adequate mounting clamp.
- Connector has fall indicator; the design requires no energy absorber
- Permissible work load: 140 kg
- With the ratio used in the mechanism it is possible to make one turn of drum per 7.4 turns of the winch's crank.
- Retractable type fall arrester CRW 300 is a component of personal fall protection equipment and conforms to EN 360 and EN 1496/B.



Clamp for mounting retractable type fall arrester CRW 300 on the tripod's leg. According to the leg's thickness either clamp AT 171 or AT 172 is used. The clamp is simple to mount, and is made of galvanized steel. Above is the example mounting of clamp AT 171 on the tripod TM 9 leg.



Example mounting of fall arrester CRW 300 by means of clamp AT 172 on tripod TM 13 leg.



Side anchor point on tripod's head can be used to attach fall arrester CRW 300 by means of connector AZ 017.



Example mounting of fall arrester CRW 300 by means of side anchor point on tripod TM 6 head.

MAIN FEATURES:

Winch weight:	15 kg
Cable length:	25 m
Cable diameter:	4,8 mm
Cable type:	7x19 + IWRC
Mechanism ratio:	1: 7,4
Force required for pulling load with weight of 140 kg:	6,3 kG
Permissible work load:	140 kg
Standard:	EN 1496/B
When clamp AT 171 is used, compatible with tripod type:	TM9, TM9-L, TM9-W
When clamp AT 172 is used, compatible with tripod type:	TM6, TM12, TM12-2, TM13
When connector AZ 017 is used, compatible with tripod type:	TM6, TM7, TM9, TM9-L, TM10, TM12, TM12-2, TM13



EN 1496/B
EN 360

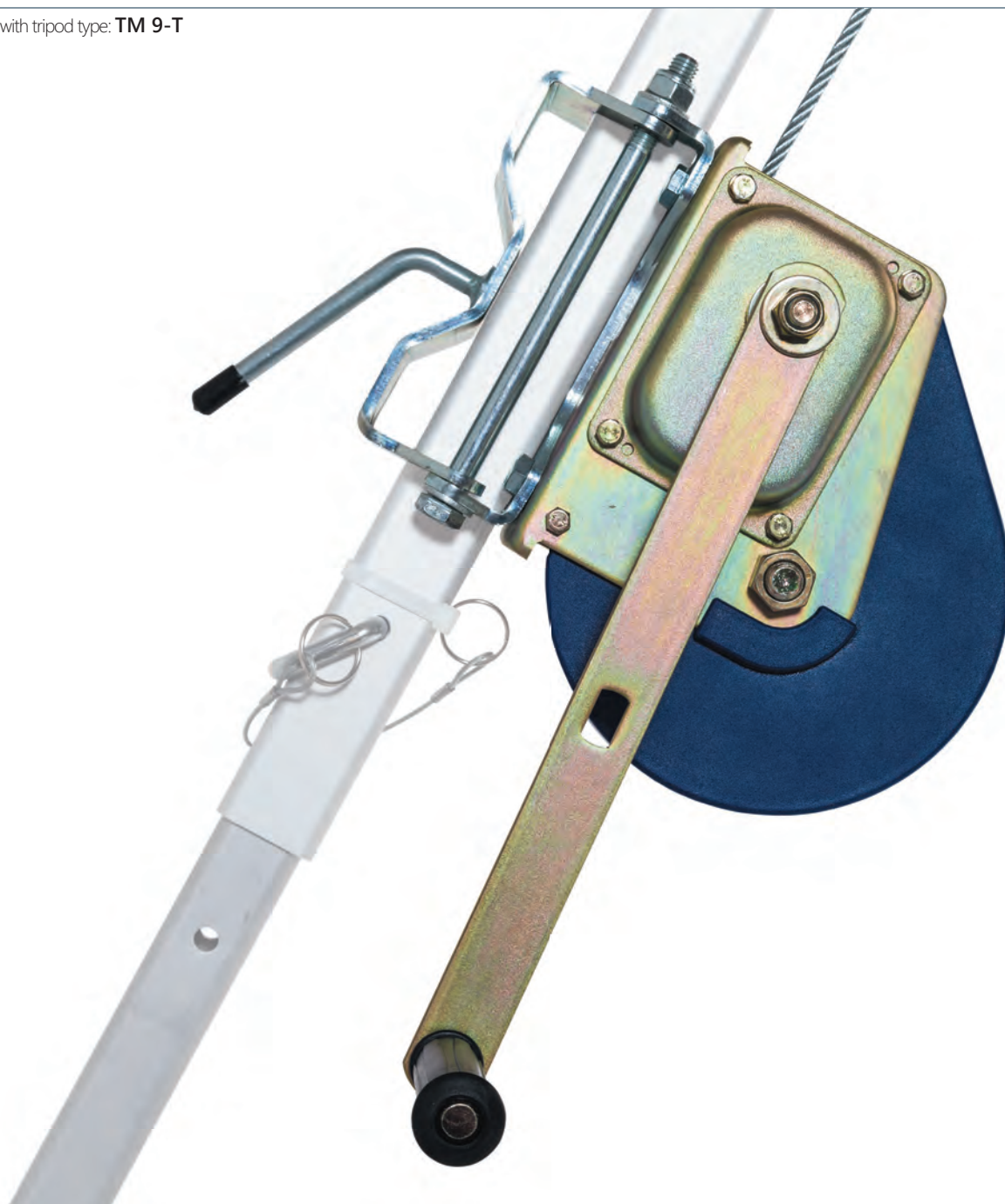


1 person
at max. 140 kg



LIFTING DEVICE RUP 502-T

Compatible with tripod type: **TM 9-T**



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:



20 m



25 m

ACCESSORIES:

- Pulley PL 101

SPUR GEARING:



1 : 5

OVERALL MECHANISM RATIO:

Variant 1:



1 : 25

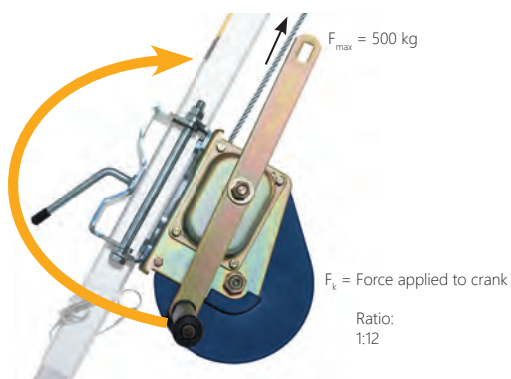
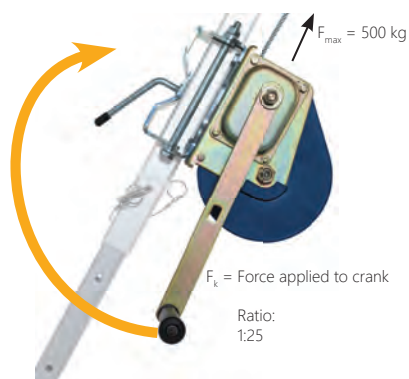
Variant 2:



1 : 12

DESCRIPTION OF DEVICE:

- RUP 502-T is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 20 and 25 m in length and 6.3 mm in diameter;
- Intended for lifting loads with weight of up to 500 kg
- With the ratio used in the mechanism it is possible to make one turn of drum per 5 turns of the winch's crank.
- The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.



LOADS:

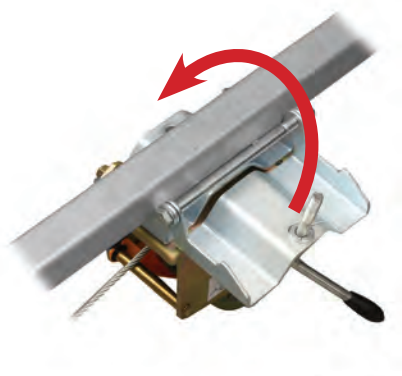
Variant 1:

At load weight (F_{max}) of 500 kg force applied to the crank (F_k) shall be 20 kG.

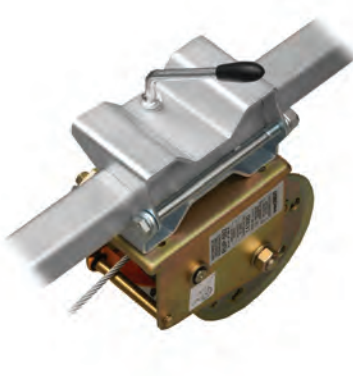
Variant 2:

At load weight (F_{max}) of 500 kg force applied to the crank (F_k) shall be 41.6 kG.

1.



2.



ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 502-T is offered with pulley PL 101.

MAIN FEATURES:

Winch weight:	13 kg, 14 kg
Available cable variants:	20 m, 25 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 5
Force applied to lift 140 kg for variant 1:	20 kG
Force applied to lift 140 kg for variant 2:	41,6 kG
Permissible work load:	500 kg
Compatible with tripod types:	TM9-T



Capacity of up to 500 kg



LIFTING DEVICE RUP 502-AT

Compatible with tripod types: **TM6-T, TM11-T2, TM13-T, TM12, TM12-2**



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:



20 m



25 m

SPUR GEARING:



1 : 5

OVERALL MECHANISM RATIO:

Variant 1:



1 : 25

Variant 2:

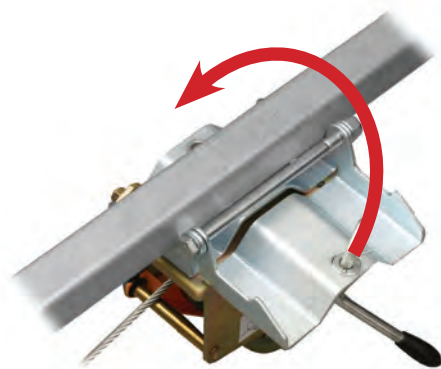


1 : 12

DESCRIPTION OF DEVICE:

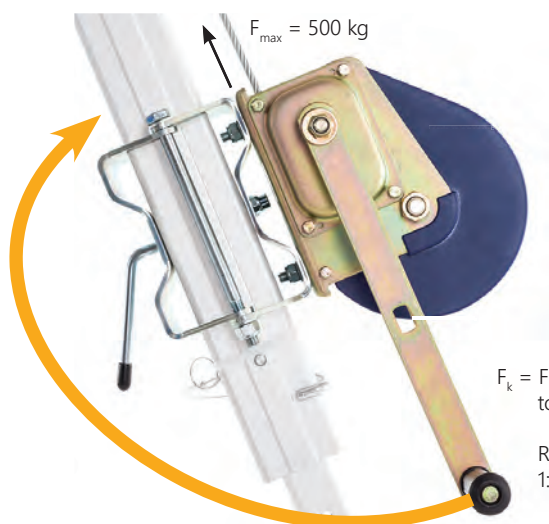
- RUP 502-AT is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 25 m in length and 6.3 mm in diameter;
- Intended for lifting loads with weight of up to 500 kg
- With the ratio used in the mechanism it is possible to make one turn of drum per 5 turns of the winch's crank.
- The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.

ASSEMBLY:



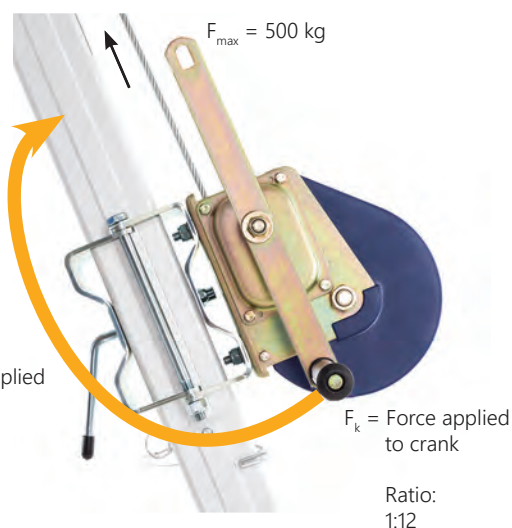
Mounting winch on tripod's leg – clamp opened and closed.

LOADS:



Variant 1:

At load weight (F_{max}) of 500 kg force applied to the crank (F_k) shall be 20 kG.



Variant 2:

At load weight (F_{max}) of 500 kg force applied to the crank (F_k) shall be 41.6 kG.

MAIN FEATURES:

Winch weight:	13 kg, 14 kg
Available cable variants:	20 m, 25 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 5
Force applied to lift 140 kg for variant 1:	20 kG
Force applied to lift 140 kg for variant 2:	41,6 kG
Permissible work load:	500 kg
Compatible with tripod types:	TM6-T, TM11-T2, TM13-T, TM12, TM12-2

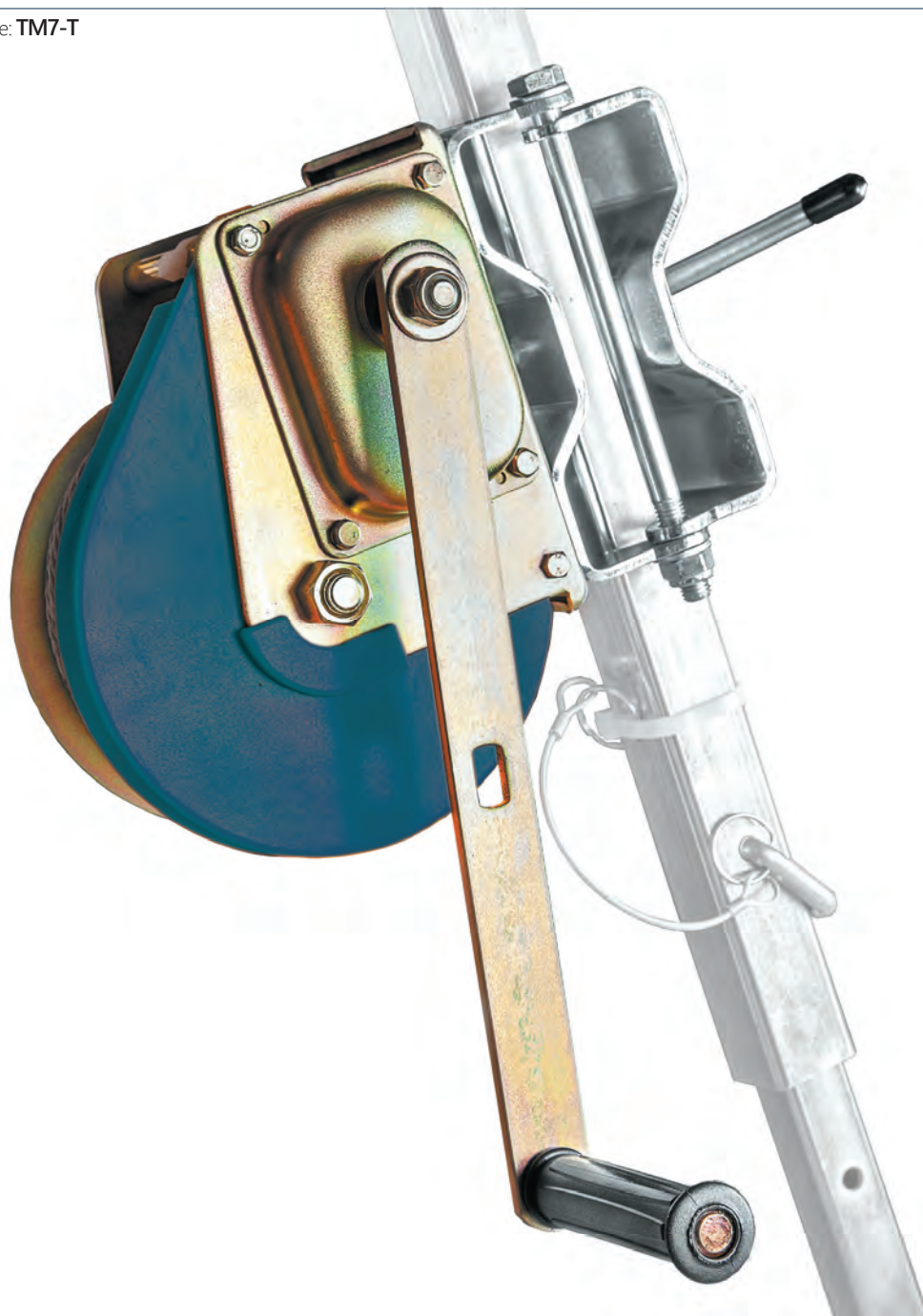


Capacity of up to 500 kg



LIFTING DEVICE RUP 502-BT

Compatible with tripod type: **TM7-T**



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:



20 m



25 m

ACCESSORIES:

- Pulley PL 101

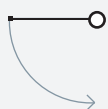
SPUR GEARING:



1 : 5

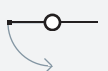
OVERALL MECHANISM RATIO:

Variant 1:



1 : 25

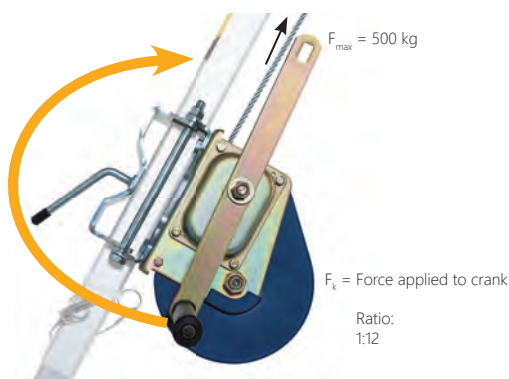
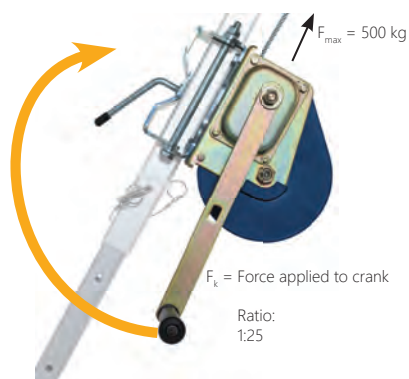
Variant 2:



1 : 12

DESCRIPTION OF DEVICE:

- RUP 502-BT is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 20 and 25 m in length and 6.3 mm in diameter;
- Intended for lifting loads with weight of up to 500 kg
- With the ratio used in the mechanism it is possible to make one turn of drum per 5 turns of the winch's crank.
- The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.



LOADS:

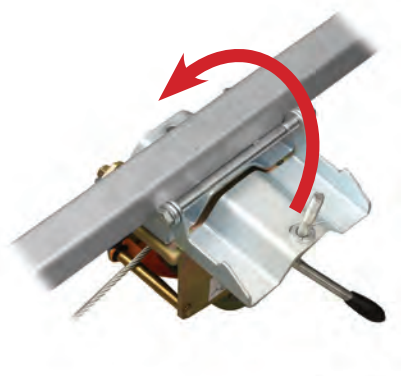
Variant 1:

At load weight (F_{max}) of 500 kg force applied to the crank (F_k) shall be 20 kG.

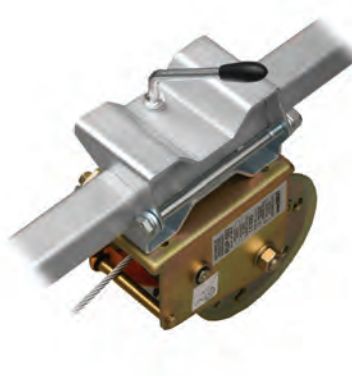
Variant 2:

At load weight (F_{max}) of 500 kg force applied to the crank (F_k) shall be 41.6 kG.

1.



2.



ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 502-BT is offered with pulley PL 101.

MAIN FEATURES:

Winch weight:	13 kg, 14 kg
Available cable variants:	20 m, 25 m
Cable diameter:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 5
Force applied to lift 140 kg for variant 1:	20 kG
Force applied to lift 140 kg for variant 2:	41,6 kG
Permissible work load:	500 kg
Compatible with tripod types:	TM7-T



Capacity of up to 500 kg

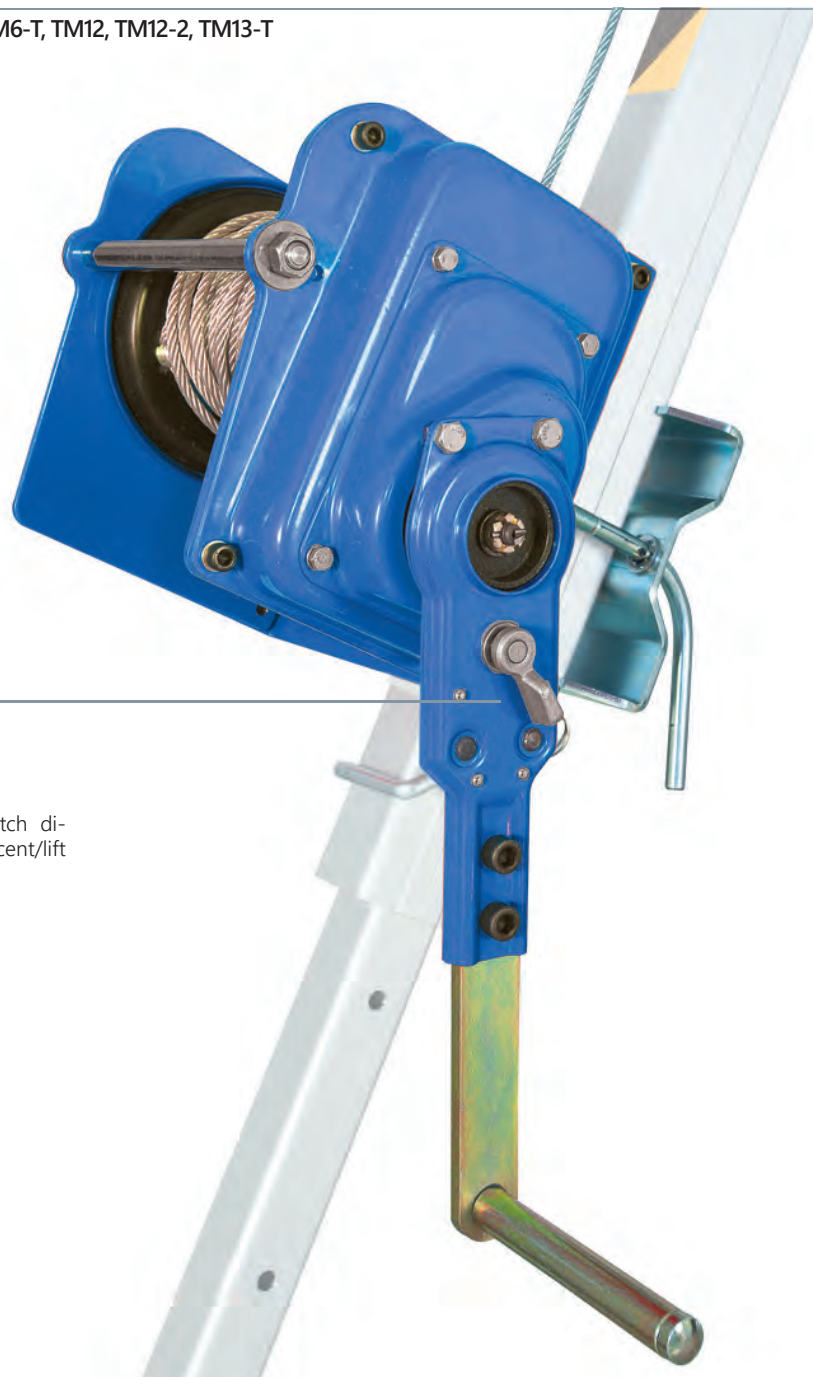


LIFTING DEVICE RUP 503-T

Compatible with tripod types: **TM6-T, TM12, TM12-2, TM13-T**



Switch for winch mechanism clutch disengagement and switching descent/lift modes.



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:

— 25 m

— 35 m

— 45 m

— 50 m

SPUR GEARING:



1 : 22,2

OVERALL MECHANISM RATIO:



1 : 83,3

DESCRIPTION OF DEVICE:

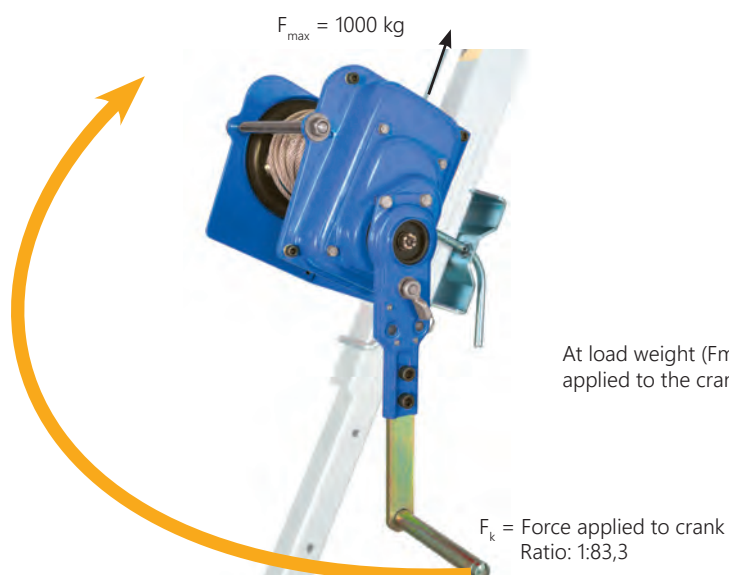
- RUP 503-T is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern, available in options of 25 m, 35 m, 45 m, 50 m in length and 6.3 mm in diameter;
- Intended for lifting loads with weight of up to 1000 kg;
- With the ratio used in the mechanism it is possible to make one turn of drum per 22.2 turns of the winch's crank;
- Crank arm can be disassembled for easier transport;

ASSEMBLY:



Mounting winch on tripod's leg – clamp opened and closed.

LOADS:



At load weight ($F_{\max}$) of 1000 kg force applied to the crank (F_k) shall be 12 kG.

MAIN FEATURES:

Winch weight:	22,5 kg do 26,2 kg
Cable diameter:	25 m, 35 m, 45 m lub 50 m
Cable type:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 22,2
Force required for pulling load with weight of 1000 kg:	12 kG
Permissible work load:	1000 kg
Compatible with tripod types:	TM6-T, TM12, TM12-2, TM13-T



Capacity of up to
1000 kg

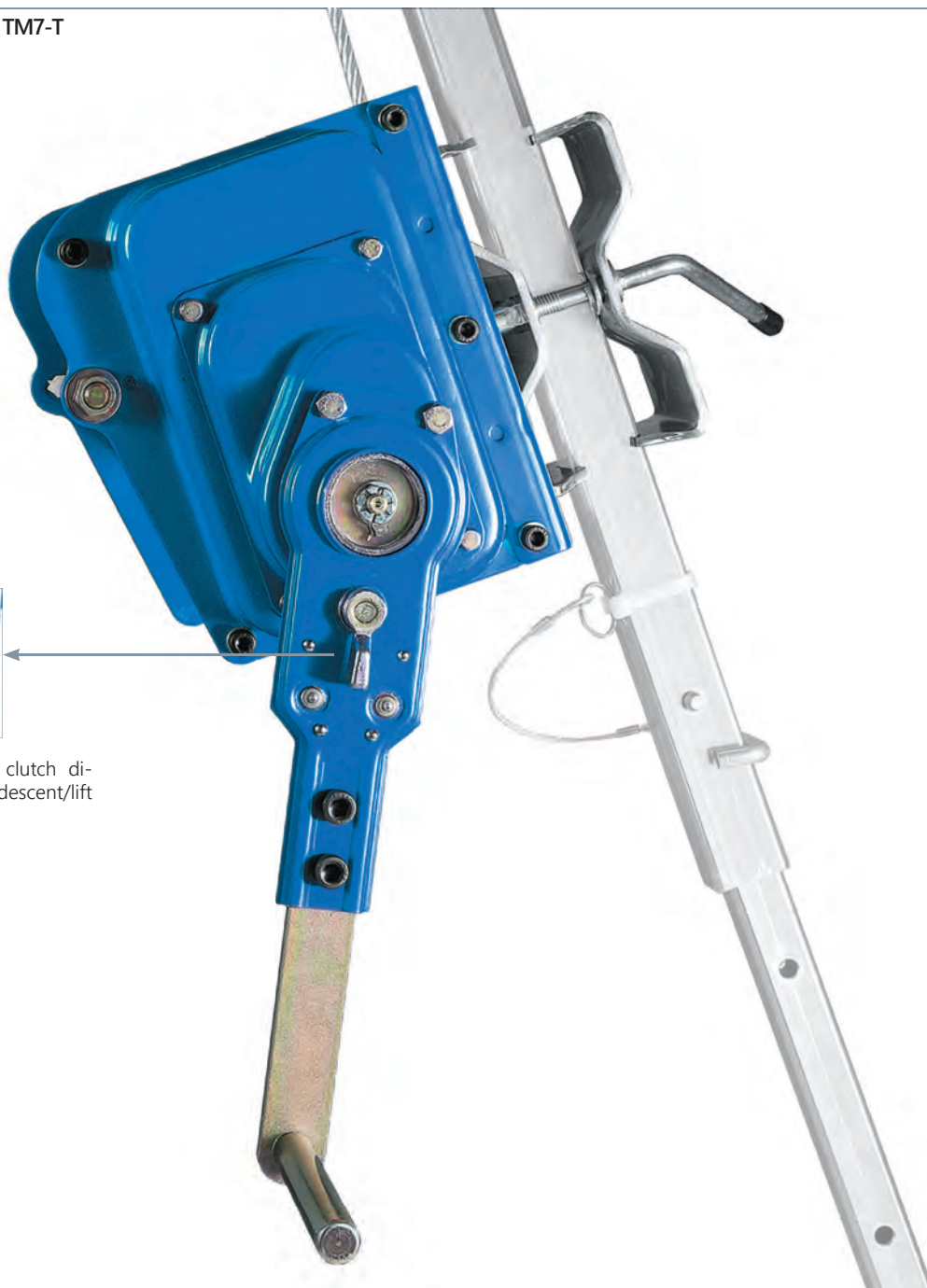


LIFTING DEVICE RUP 503-BT

Compatible with tripod type: **TM7-T**



Switch for winch mechanism clutch disengagement and switching descent/lift modes.



CABLE PARAMETERS:



6x19+NFC



ø 6,3 mm

CABLE LENGTH VARIANTS:

— 25 m

— 35 m

— 45 m

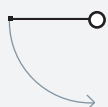
— 50 m

SPUR GEARING:



1 : 22,2

OVERALL MECHANISM RATIO:



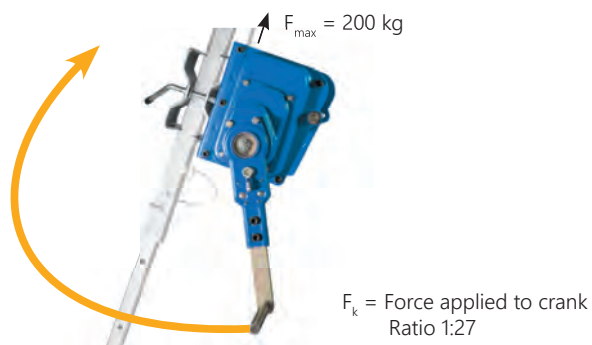
1 : 83,3

ACCESSORIES:

- Pulley PL 101

DESCRIPTION OF DEVICE:

- RUP 503-BT is a winch equipped with clamp for winch mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern, available in options of 25 m, 35 m, 45 m, 50 m in length and 6.3 mm in diameter;
- Intended for lifting loads with weight of up to 1000 kg;
- With the ratio used in the mechanism it is possible to make one turn of drum per 22.2 turns of the winch's crank;
- Crank arm can be disassembled for easier transport;



LOADS:

At load weight ($F_{\max}$) of 200 kg force applied to the crank (F_k) shall be 7.41 kG.

ASSEMBLY:

Simple mounting of the winch on the tripod's leg by means of a clamp:

1. Clamp opened;
2. Clamp closed.



KIT:

Rescue winch RUP 503-BT is offered with pulley PL 101.

MAIN FEATURES:

Winch weight:	22,5 kg do 26,2 kg
Cable diameter:	25 m, 35 m, 45 m lub 50 m
Cable type:	6,3 mm
Cable type:	6x19 + NFC
Mechanism ratio:	1 : 22,2
Force required for pulling load with weight of 1000 kg:	12 kG
Permissible work load:	1000 kg
Compatible with tripod types:	TM7-T



Capacity of up to
1000 kg



PULLEYS PL 101, TU 415, TU 416

PL 101



TU 415



TU 416



CABLE DIAMETER:

- Ø max. 6.3 mm for steel cable
- Ø between 8 and 12 mm for textile rope

WORK LOAD:

- ↓ Permissible work load: 10 kN

CABLE DIAMETER:

- Ø max. 6.3 mm for steel cable
- Ø between 8 and 12 mm for textile rope

WORK LOAD:

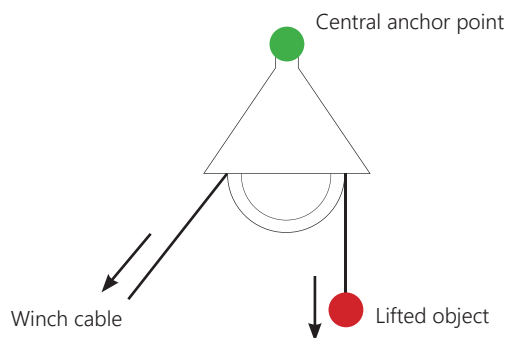
- ↓ Permissible work load: 10 kN

CABLE DIAMETER:

- Ø between 6.3 mm and 8 mm for steel cable
- Ø between 10,5 and 14 mm for textile rope

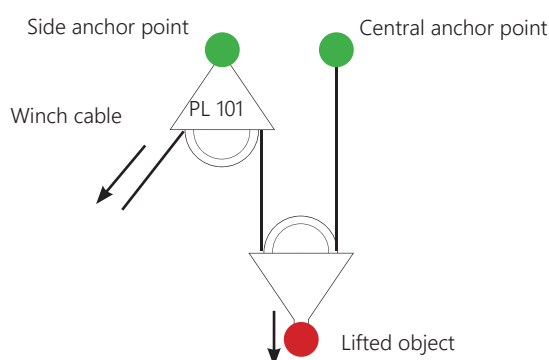
WORK LOAD:

- ↓ Permissible work load: 20 kN



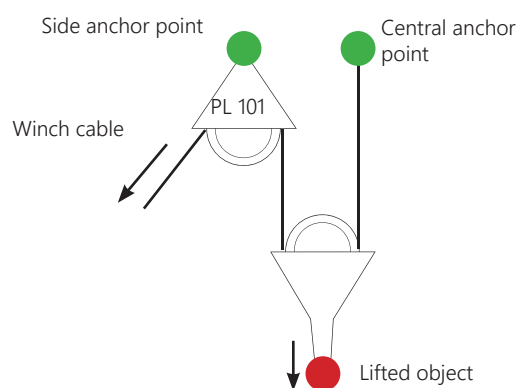
PL 101

Basic pulley of 90 mm in diameter attached at anchor point on the tripod's head. Made of galvanized steel and polyamide. Connected to anchor point by means of connector AZ 090. Pulley is a component of winches RUP 502, RUP 502-B, RUP 502-BT, RUP 502-T, RUP 503-B, RUP 503-BT.



TU 415

Pulley TU 415 with steel hook is used for lifting and descending loads with weight of up to 1000 kg. It can be used both with steel cables (of up to 6.3 mm in diameter), and textile ropes (of diameters between 8 and 12 mm). The reachable ratio 2:1 enables reducing the force required to lift a given load, and thus for lifting as much as twice the load using a given winch. The product can be used with all winches and Protekt tripods. When used with tripods and winches with admissible load of 500 kg (TM 9 series) it is possible to increase the load capacity of the whole combination to up to 1000 kg.



TU 416

Pulley TU 416 with steel hook is used for lifting and descending loads with weight of up to 2000 kg. It can be used both with steel cables (between 6.3 and 8.0 mm in diameter), and textile ropes (of diameters between 10,5 and 14 mm). The reachable ratio 2:1 enables reducing the force required to lift a given load, and thus for lifting as much as twice the load using a given winch. The product can be used with all winches and Protekt tripods. When used with tripods and winches with admissible load of 1000 kg (TM 6-T, TM 11-T, TM 13-T, TM 12, TM 12-2) it is possible to increase the load capacity of the whole combination up to 2000 kg.

MAIN FEATURES:

	PL 101	TU 415	TU 416
Material:	Polyamide, galvanized steel	Polyamide, galvanized steel	Cast iron, galvanized steel
Weight:	0,45 kg	1,14 kg	2,54 kg
Roll diameter:	90 mm	90 mm	110 mm
Dimensions:	133x56x128 mm	300x130x56 mm	330x130x56 mm
Static strength:	15 kN	10 kN	20 kN
Breaking strength:	30 kN	50 kN	60 kN
Admissible weight load:	1000 kg	1000 kg	2000 kg



PROTEKT®

TRIPODS SETS



TRIPODS 2016



REVIEW OF TRIPODS AND WINCHES

AVAILABLE COMBINATIONS



TABLE – RESCUE AND MATERIAL COMBINATIONS

WINCH MODEL	RUP 502						RUP 503				CRW 200			CRW 300			MAXIMUM NUMBER OF USERS	MAXIMUM LOAD WEIGHT
TRIPOD MODEL	RUP 502	RUP 502-A	RUP 502-AT	RUP 502-B	RUP 502-BT	RUP 502-T	RUP 503	RUP 503-B	RUP 503-BT	RUP 503-T	CRW 200 + AT173	CRW 200 + AT174	CRW 200 + AZ017	CRW 300 + AT171	CRW 300 + AT172	CRW 300 + AZ017		
TM 6																	2	-
TM6 - T																	-	1000 kg
TM 7																	1	-
TM 7 - T																	-	1000 kg
TM 9																	1	-
TM 9 - L																	1	-
TM 9 - T																	-	500 kg
TM 9 - W																	1	-
TM 11-T2																	-	1000 kg
TM 12																	2	1000 kg
TM 12-2																	2	1000 kg
TM 13																	2	-
TM 13 - T																	-	1000 kg
TM 14-ST TM 14-CRS																		
ACCESSORIES	PL 101 + SDW	SDW	-	PL 101 + SDW	PL 101	PL 101	SDW	PL 101 + SDW	PL 101	-	PL 101	-	-	-	-	-		
WINCH TYPE	rescue 140 kg	rescue 140 kg	rescue 500 kg	rescue 140 kg	material 500 kg	material 500 kg	rescue 200 kg	rescue 200 kg	material 1000 kg	material 1000 kg	rescue 140 kg	rescue 140 kg	rescue 140 kg	rescue 140 kg	rescue 140 kg	rescue 140 kg		

TRIPODS

				
Rescue 1 person	Rescue 2 persons	Material max 500 kg	Material max 1000 kg	Material and personnel max. 1000 kg or 2 persons
TM 7	TM 6	TM 9-T	TM 6-T	TM 12
TM 9	TM 13		TM 7-T	TM 12-2
TM 9-L	TM 14		TM 13-T	
TM 9-W			TM 11-T2	

WINCHES

				
Rescue 1 person	Rescue 2 persons	Material max 500 kg	Material max 1000 kg	Retractable type max 140 kg
RUP 502	RUP 503	RUP 502-T	RUP 503-T	CRW 200
RUP 502-A	RUP 503-B	RUP 502-AT	RUP 503-BT	CRW 300
RUP 502-B		RUP 502-BT		

ACCESSORIES

	PL 101	Pulleys TU 415	TU 416	Energy absorber
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The Accessories group includes components which are customizable according to the desired application. It covers pulleys, including the basic PL 101 pulley required for use with most of the tripods and TU-type lifting pulleys with use of which the winch's pulling force can be increased against reducing the rope's length twice. Most of the combinations require additional use of spring-type energy absorber SDW.



TM6 CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T6R2A	TM6+RUP502-A
T6R3	TM6+RUP503
T6AT4CW2	TM6+AT174+CRW200
T6AZCW2	TM6+AZ017+CRW200
T6AT2CW3	TM6+AT172+CRW300
T6AZCW3	TM6+AZ017+CRW300
T6R2AAT4CW2	TM6+RUP502-A+AT174+CRW200
T6R2AAZCW2	TM6+RUP502-A+AZ017+CRW200
T6R3AT2CW3	TM6+RUP503+AT172+CRW300
T6R3AZCW3	TM6+RUP503+AZ017+CRW300
T6R3AT4CW2	TM6+RUP503+AT174+CRW200
T6R3AZCW2	TM6+RUP503+AZ017+CRW200
T6R3R3	TM6+RUP503+RUP503
T6AT2CW3AZCW2	TM6+AT172+CRW300+AZ017+CRW20
T6AT4CW2AZCW3	TM6+AT174+CRW200+AZ017+CRW300
T6AT4CW2AT2CW3	TM6+AT174+CRW200+AT172+CRW300

TM7 CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T7R2B	TM7+RUP502-B
T7R3B	TM7+RUP503-B
T7AZCW3	TM7+AZ017+CRW300
T7AZCW2	TM7+AZ017+CRW200

TM9 CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T9R2	TM9+RUP502
T9AT3CW2	TM9+AT173+CRW200
T9AZCW2	TM9+AZ017+CRW200
T9AT1CW3	TM9+AT171+CRW300
T9AZCW3	TM9+AZ017+CRW300
T9R2AT1CW3	TM9+RUP502+AT171+CRW300
T9R2AT3CW2	TM9+RUP502+AT173+CRW200

TM9-L CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T9LR2	TM9-L+RUP502
T9LAT3CW2	TM9-L+AT173+CRW200
T9LAZCW2	TM9-L+AZ017+CRW200
T9LAT1CW3	TM9-L+AT171+CRW300
T9LAZCW3	TM9-L+AZ017+CRW300
T9LR2AT1CW3	TM9-L+RUP502+AT171+CRW300
T9LR2AT3CW2	TM9-L+RUP502+AT173+CRW200

EXAMPLE CONFIGURATION SET

REF. NUMBER **T6R3A2CW3**
 SET CONFIGURATION TM6+RUP503+AT172+CRW300



- TM6 personal tripod (page 6)
- Rescue lifting device RUP503 (page 48)
- Retractable type fall arrester CRW 300 with AT172 mounting clamp. (page 54)

REF. NUMBER **T7R3B**
 SET CONFIGURATION TM7+RUP503-B



- TM7 personal tripod (page 8)
- Rescue lifting device RUP503-B (page 50)

REF. NUMBER **T9LAZCW3**
 SET CONFIGURATION TM9-L+AZ017+CRW300



- TM9-L personal tripod (page 12)
- Retractable type fall arrester CRW 300 with AZ017 connector. (page 54)

TM9-W CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T9WR2	TM9-W+RUP502
T9WAT3CW2	TM9-W+AT173+CRW200
T9WAZCW2	TM9-W+AZ017+CRW200
T9WAT1CW3	TM9-W+AT171+CRW300
T9WAZCW3	TM9-W+AZ017+CRW300
T9WR2AT1CW3	TM9-W+RUP502+AT171+CRW300
T9WR2AT3CW2	TM9-W+RUP502+AT173+CRW200

TM12 SPIDER CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T12R2A	TM12+RUP502-A
T12R3	TM12+RUP503
T12AT4CW2	TM12+AT174+CRW200
T12AZCW2	TM12+AZ017+CRW200
T12AT2CW3	TM12+AT172+CRW300
T12AZCW3	TM12+AZ017+CRW300
T12R2AAZCW3	TM12+RUP502-A+AZ017+CRW300
T12R2AAZCW2	TM12+RUP502-A+AZ017+CRW200
T12R3AZCW3	TM12+RUP503+AZ017+CRW300
T12R3AZCW2	TM12+RUP503+AZ017+CRW200

TM12-2 HEXAPOD CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T12-2R2A	TM12-2+RUP502-A
T12-2R3	TM12-2+RUP503
T12-2AT4CW2	TM12-2+AT174+CRW200
T12-2AZCW2	TM12-2+AZ017+CRW200
T12-2AT2CW3	TM12-2+AT172+CRW300
T12-2AZCW3	TM12-2+AZ017+CRW300
T12-2R2AAZCW3	TM12-2+RUP502-A+AZ017+CRW300
T12-2R2AAZCW2	TM12-2+RUP502-A+AZ017+CRW200
T12-2R2AR2A	TM12-2+RUP502-A+RUP502-A
T12-2R2AR3	TM12-2+RUP502-A+RUP503
T12-2R2AAT2CW3	TM12-2+RUP502-A+AT172+CRW300
T12-2R3AZCW3	TM12-2+RUP503+AZ017+CRW300
T12-2R3R3	TM12-2+RUP503+RUP503
T12-2R3AT2CW3	TM12-2+RUP503+AT172+CRW300
T12-2R3AZCW2	TM12-2+RUP503+AZ017+CRW200
T12-2R3AT4CW2	TM12-2+RUP503+AT174+CRW200

EXAMPLE CONFIGURATION SET

REF. NUMBER T12R3

SET CONFIGURATION TM12+RUP503



- TM12 tripod (page 36)
- Rescue lifting device RUP503 (page 48)

REF. NUMBER T12-2R2AAT2CW3

SET CONFIGURATION TM12-2+RUP502-A+AT172+CRW300



- TM12-2 tripod (page 38)
- Retractable type fall arrester CRW 300 with AT172 mounting clamp. (page 54)
- Rescue lifting device RUP502-A (page 44)



TM13 CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T13R2A	TM13+RUP502-A
T13R3	TM13+RUP503
T13AT2CW3	TM13+AT172+CRW300
T13AZCW3	TM13+AZ017+CRW300
T13R2AR2A	TM13+RUP502-A+RUP502-A
T13R2AR3	TM13+RUP502-A+RUP503
T13R2AAT2CW3	TM13+RUP502-A+AT172+CRW300
T13R2AAZCW3	TM13+RUP502-A+AZ017+CRW300
T13R3R3	TM13+RUP503+RUP503
T13R3A2CW3	TM13+RUP503+AT172+CRW300
T13R3AZCW3	TM13+RUP503+AZ017+CRW300
T13R2AAT4CW2	TM13+RUP502-A+AT174+CRW200
T13R2AAZCW2	TM13+RUP503+AZ017+CRW200
T13R3AT4CW2	TM13+RUP503+AT174+CRW200
T13R3AZCW2	TM13+RUP503+AZ017+CRW200

TM14 CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T14R2A	TM14+RUP502-A
T14R3	TM14+RUP503
T14AT2CW3	TM14+AT172+CRW300
T14AZCW3	TM14+AZ017+CRW300
T14R2AR2A	TM14+RUP502-A+RUP502-A
T14R2AR3	TM14+RUP502-A+RUP503
T14R2AAT2CW3	TM14+RUP502-A+AT172+CRW300
T14R2AAZCW3	TM14+RUP502-A+AZ017+CRW300
T14R3R3	TM14+RUP503+RUP503
T14R3A2CW3	TM14+RUP503+AT172+CRW300
T14R3AZCW3	TM14+RUP503+AZ017+CRW300
T14R2AAT4CW2	TM14+RUP502-A+AT174+CRW200
T14R2AAZCW2	TM14+RUP503+AZ017+CRW200
T14R3AT4CW2	TM14+RUP503+AT174+CRW200
T14R3AZCW2	TM14+RUP503+AZ017+CRW200

EXAMPLE CONFIGURATION SET

REF. NUMBER **T13R2AR2A**
SET CONFIGURATION TM13+RUP502-A+RUP502-A



- TM13 personal tripod (page 16)
- 2x Rescue lifting device RUP502-A (page 44)

REF. NUMBER **T13R3A2CW3**
SET CONFIGURATION TM13+RUP503+AT172+CRW300



- TM13 personal tripod (page 16)
- Rescue lifting device RUP503 (page 48)
- Retractable type fall arrester CRW 300 with AT172 mounting clamp. (page 54)

TM12 SPIDER CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T12R2ATAZCW3	TM12+RUP502-AT+AZ017+CRW300
T12R3TAZCW3	TM12+RUP503-T+AZ017+CRW300
T12R2ATAZCW2	TM12+RUP502-AT+AZ017+CRW200
T12R3TAZCW2	TM12+RUP503-T+AZ017+CRW200

TM12-2 HEXAPOD CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T12-2R2AR2AT	TM12-2+RUP502-A+RUP502-AT
T12-2R2AR3T	TM12-2+RUP502-A+RUP503-T
T12-2R2ATAT2CW3	TM12-2+RUP502-AT+AT172+CRW300
T12-2R2ATAZCW3	TM12-2+RUP502-AT+AZ017+CRW300
T12-2R3TAZCW3	TM12-2+RUP503-T+AZ017+CRW300
T12-2R3TAZCW2	TM12-2+RUP503-T+AZ017+CRW200
T12-2R2ATAZCW2	TM12-2+RUP502-AT+AZ017+CRW200
T12-2R3R3T	TM12-2+RUP503+RUP503-T
T12-2R3R2AT	TM12-2+RUP503+RUP502-AT
T12-2R3TAT4CW2	TM12-2+RUP503-T+AT174+CRW200

EXAMPLE CONFIGURATION SET

REF. NUMBER T12R3TAZCW3
SET CONFIGURATION TM12+RUP503-T+AZ017+CRW300



- TM12 personnel and material combo tripod (page 24)
- Lifting device RUP503-T (page 48)
- Retractable type fall arrester CRW 300 with AT172 mounting clamp. (page 54)

MATERIAL TRIPODS SETS

TM6-T CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T6TR2AT	TM6-T+RUP502-AT
T6TR3T	TM6-T+RUP503-T
T6TR3TR3T	TM6-T+RUP503-T+RUP503-T
T6TR2ATR2AT	TM6-T+RUP502-AT+RUP502-AT
T6TR2ATR3T	TM6-T+RUP502-AT+RUP503-T

TM7-T CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T7TR2BT	TM7-T+RUP502-BT
T7TR3BT	TM7-T+RUP503-BT

TM9-T CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T9TR2T	TM9-T+RUP502-T
T9TR2TR2T	TM9-T+RUP502-T+RUP502-T

TM11-T2 CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T11T2R2AT	TM11-T2+RUP502-AT
T11T2R2ATR2AT	TM11-T2+RUP502-AT+RUP502-AT

TM12 SPIDER CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T12R2AT	TM12+RUP502-AT
T12R3T	TM12+RUP503-T

TM12-2 HEXAPOD CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T12-2R2AT	TM12-2+RUP502-AT
T12-2R3T	TM12-2+RUP503-T
T12-2R2ATR2AT	TM12-2+RUP502-AT+RUP502-AT
T12-2R3TR3T	TM12-2+RUP503-T+RUP503-T
T12-2R2ATR3T	TM12-2+RUP502-AT+RUP503-T

TM13-T CONFIGURATION SETS

REF. NUMBER	SET CONFIGURATION
T13TR2AT	TM13-T+RUP502-AT
T13TR3T	TM13-T+RUP503-T
T13TR2ATR2AT	TM13-T+RUP502-AT+RUP502-AT
T13TR2ATR3T	TM13-T+RUP502-AT+RUP503-T
T13TR3TR3T	TM13-T+RUP503-T+RUP503-T



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