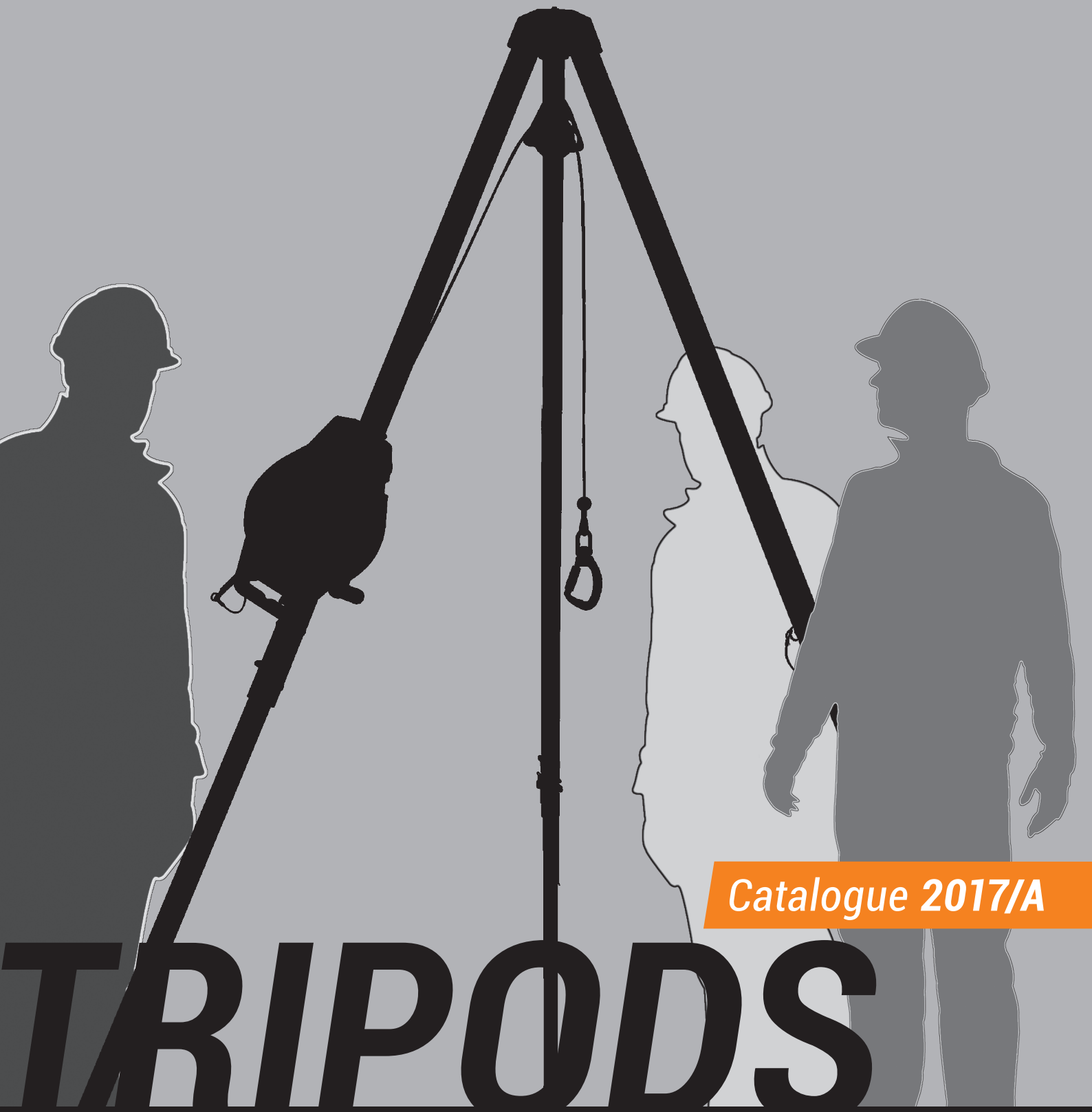
PROTEKT®



Catalogue **2017/A**

TRIPODS

PERSONAL TRIPODS | MATERIAL TRIPODS
PERSONAL AND MATERIAL COMBO TRIPODS | RESCUE DEVICES & LIFTING DEVICES
TRIPODS SETS

PROTEKT®

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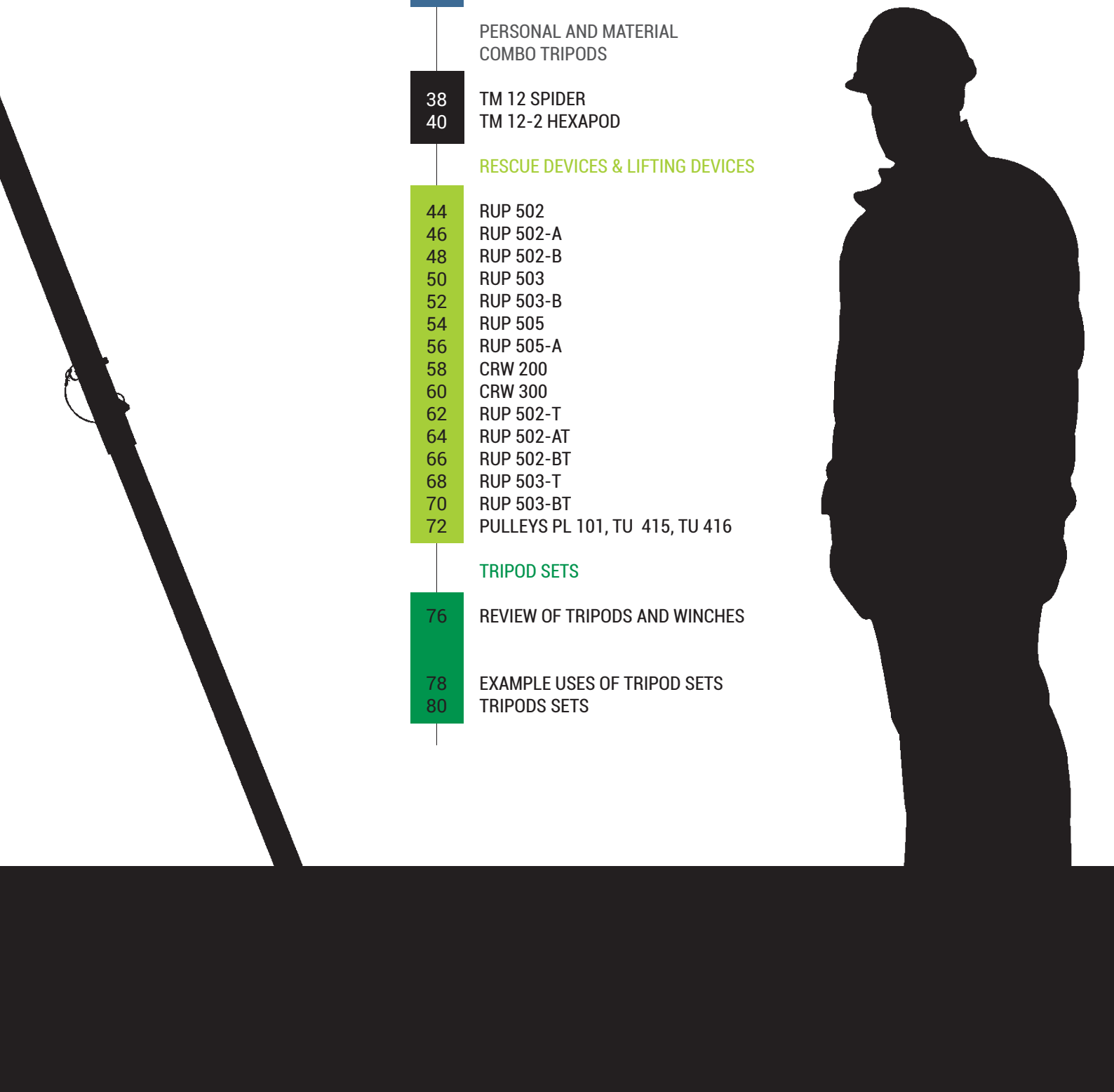


PROTEKT®

PERSONAL TRIPODS

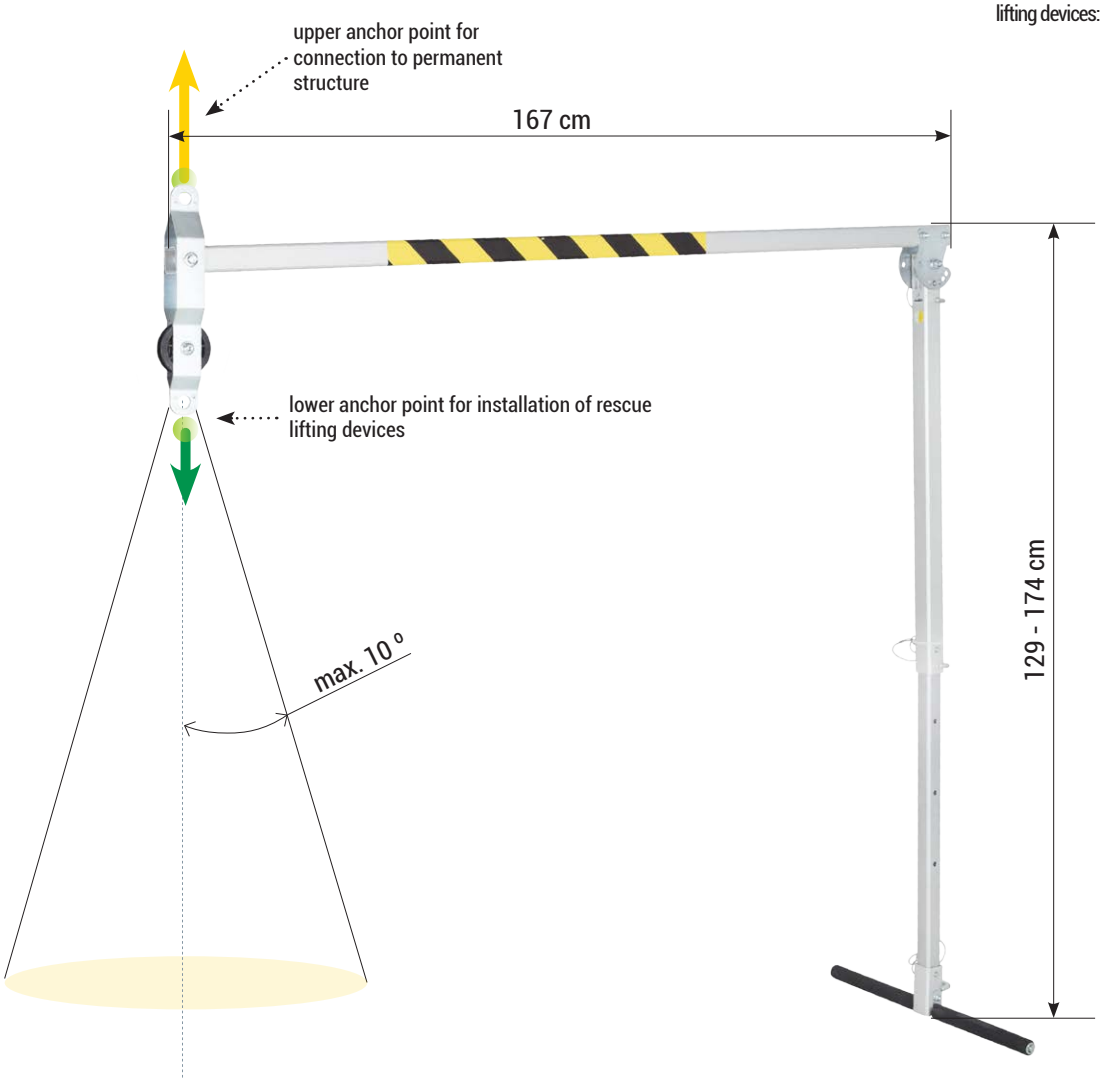
TM 1

HEIGHT: **129 - 174 CM**

LENGTH: **167 CM**

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

Compatible with the following lifting devices: RUP 502, CRW 300



Basic crane TM 1 is a portable, temporary structural anchor point intended to safeguard persons working in sewage manholes, reservoirs, shafts, wells, silos, etc. The device provides protection for up to 2 persons at the same time, and needs to be connected to personal fall protection equipment.

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

CE

Max.
2 persons

BASIC VARIANT

Height:	129 - 174 cm
Arm length:	167 cm
Device weight:	7,9 kg
Anchor points on pulley:	2
Lifting and lowering:	maximum 2 persons
Transport dimensions:	190 x 22 x 14 cm

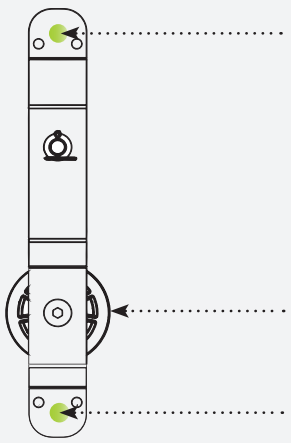
Pulley has 2 anchor points. Upper anchor point on pulley is used for connecting crane TM 1 to a permanent structure. Lower anchor point on arm is used for installation of rescue lifting devices.

Leg is made of hot-dip galvanized steel, has 4-step adjustment, and is locked with a cotter.

Connector enables adjustment of the arm angle and locking in one of 5 positions (from 80° up to 130°) by means of a cotter.

Lower end of leg has a removable foot with rubber pads providing anti-slip protection.

HEAD – PLAN VIEW



upper anchor point for connecting crane to permanent structure

pulley's wheel for guiding the twork rope of rescue lifting device

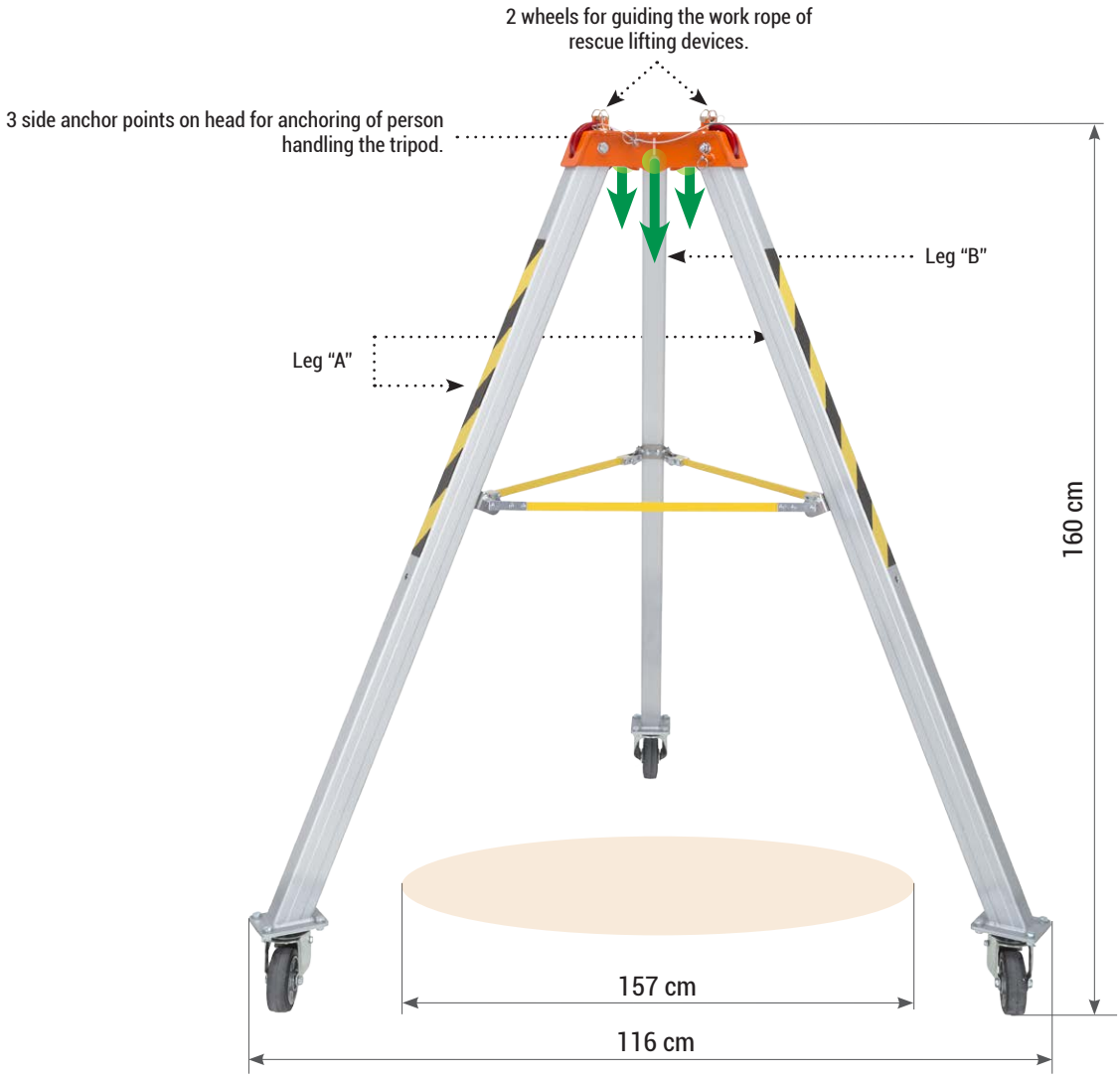
lower anchor point for installation of rescue lifting devices

TM 6

HEIGHT:
160 CM

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

Compatible with the following 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 anchoring device intended for protection of up 2 persons at the same time. Guide wheels are integrated with the tripod head enabling operation with rescue lifting devices without the need to use any additional pulley.

Ex

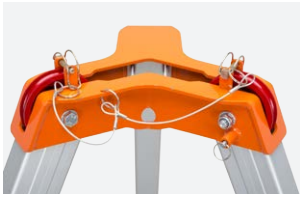
EN 795/B:2012
TS 16415/B:2013

CE

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 lowering:	maximum 2 persons
Transport dimensions:	200 x 47 x 47 cm



The head is made of powder coated galvanized steel. Equipped with 2 wheels for guiding the work rope on rescue lifting devices. Cotters above the wheels protect the rope against accidental slipping during work.

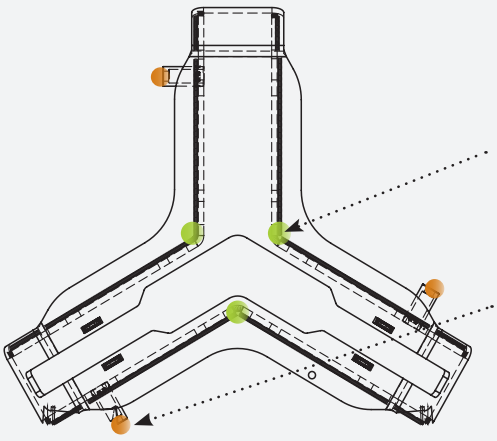
Automatic leg opening locks protect the tripod against accidental collapse during use.

Support bars are made of powder coated galvanized steel. They help stabilize the tripod during work. Each bar is secured with ratchets to prevent it from detaching during work

The tripod legs are made of strengthened aluminium profiles. Two legs "A" are equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; the third leg "B" has no wheel or anchor point.

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

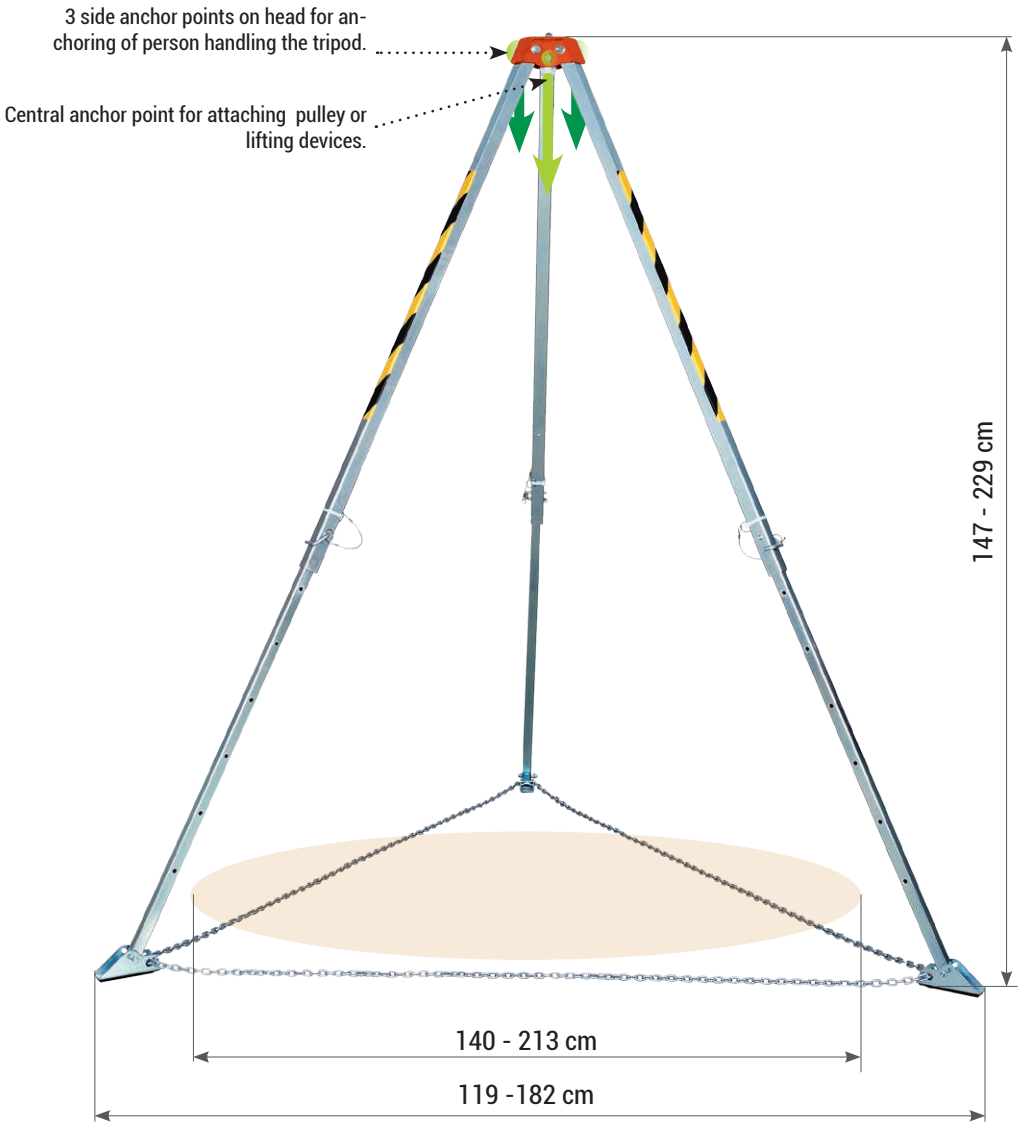
HEAD – PLAN VIEW



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

Leg lock.

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



Safety tripod TM 7 is a portable anchoring device intended for single person only. The device is made of fully galvanized steel.

Ex

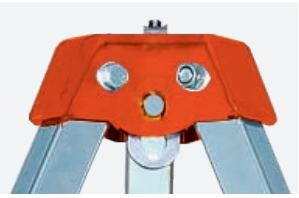
EN 795/B:2012

CE

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 lowering:	1 person only
Transport dimensions:	175 x 23 x 23 cm

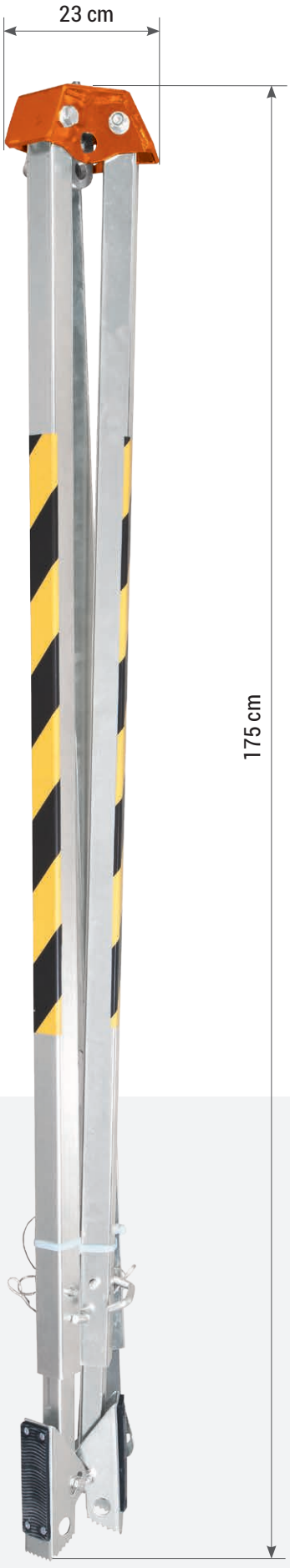


The head is made of powder coated galvanized steel and has 1 central anchor point eye bolt and 3 additional side anchor points.

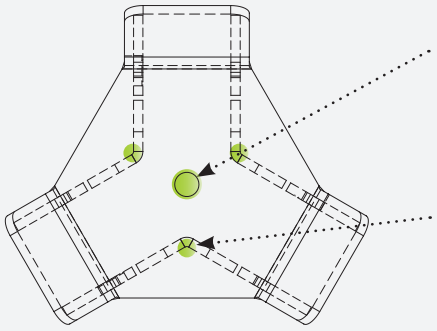
Legs are made of hot-dip galvanized steel with 7-step adjustment, locked with cotters.

Tripod legs can be secured with textile webbing or steel chain.

Tripod legs can be secured with textile webbing or steel chain.



HEAD – PLAN VIEW



Central anchor point for pulley.

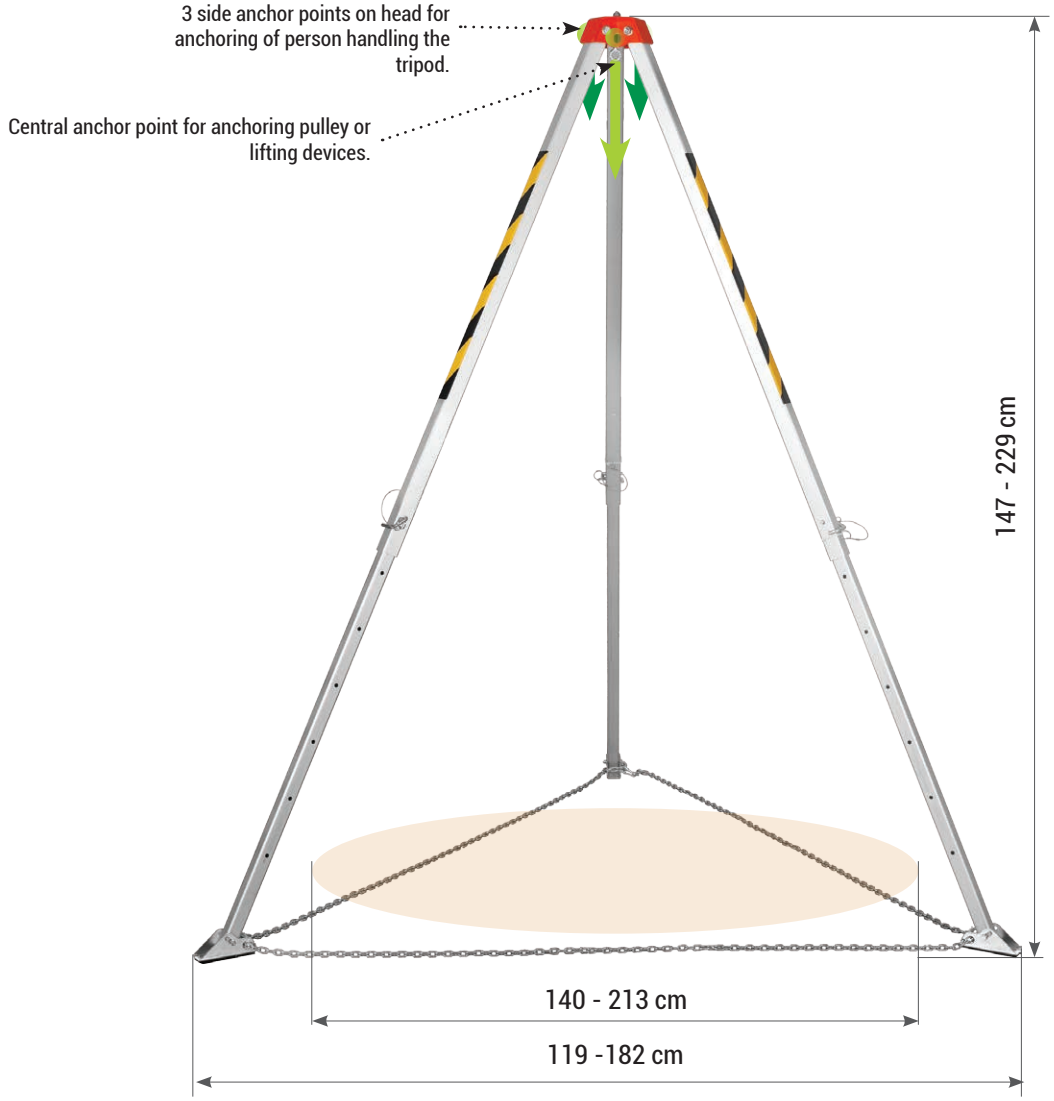
3 side anchor points on head for anchoring of person handling the tripod.

TM 9

MAX HEIGHT:
229 CM

EN 795/B:2012

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



Safety tripod TM 9 is a portable anchoring device intended for single person use only.

Ex

EN 795/B:2012

CE

1 person only

BASIC VARIANT

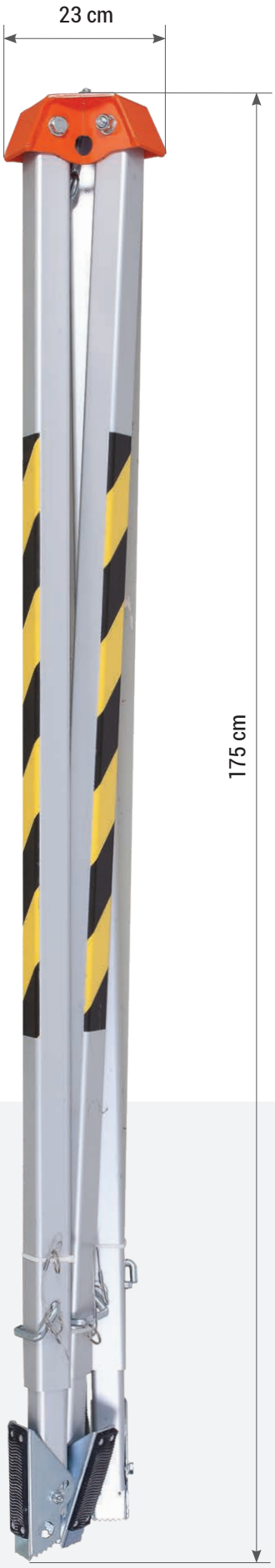
Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	4
Lifting and lowering:	1 person only
Transport dimensions:	175 x 23 x 23 cm

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

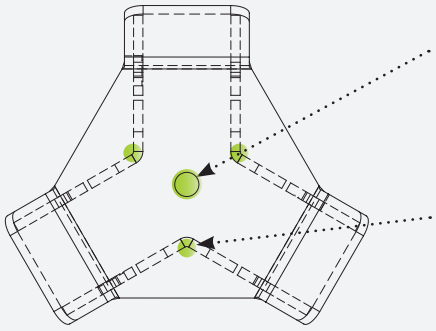
Aluminium legs with 7-step adjustment, locked with cotters.

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

Tripod legs can be secured with textile webbing or steel chain.



HEAD – PLAN VIEW



Central anchor point for pulley.

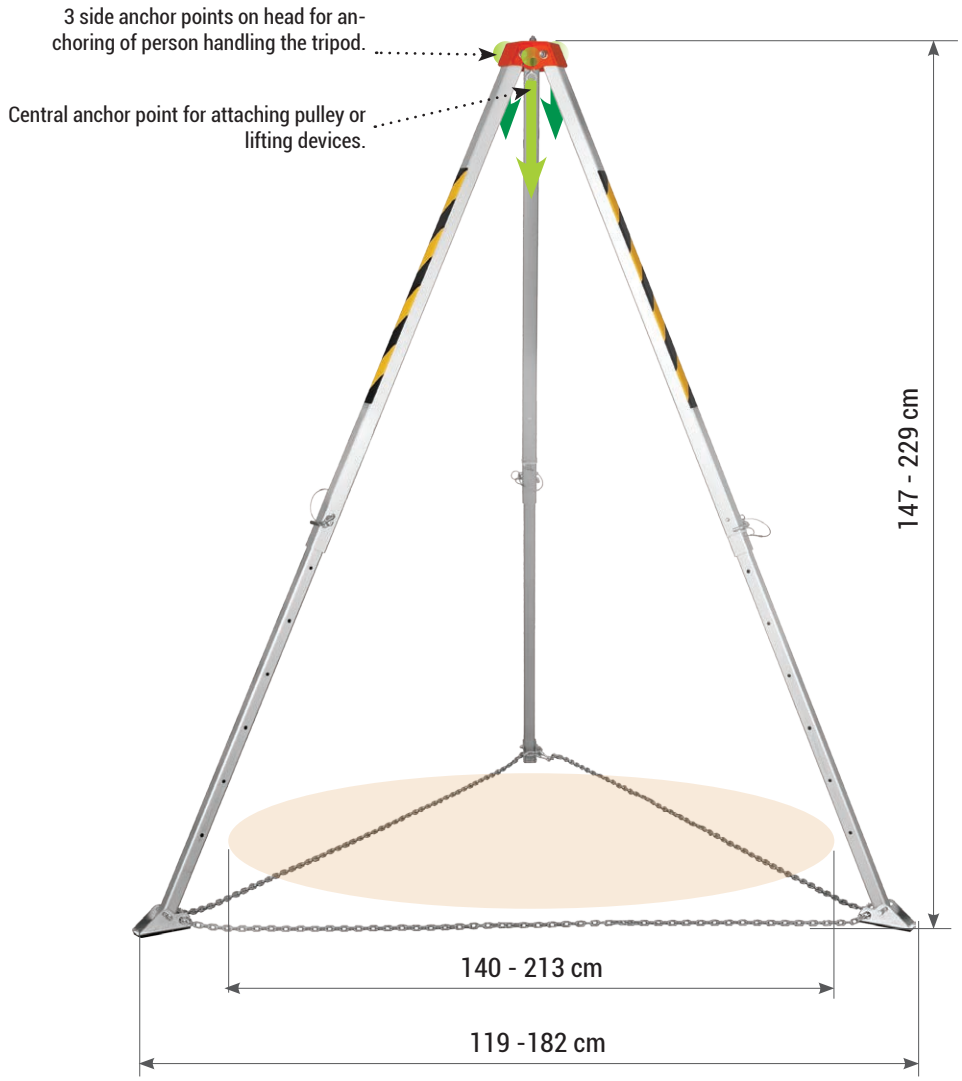
3 side anchor points on head for anchoring of person handling the tripod.

TM 9-L

MAX HEIGHT:
229 CM

EN 795/B:2012

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



Safety tripod TM 9-L is a portable anchoring device intended for single person use only. The head is equipped with locks for securing the tripod legs against unintended folding.

Ex

EN 795/B:2012

CE

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 lowering:	1 person only
Transport dimensions:	175 x 23 x 23 cm

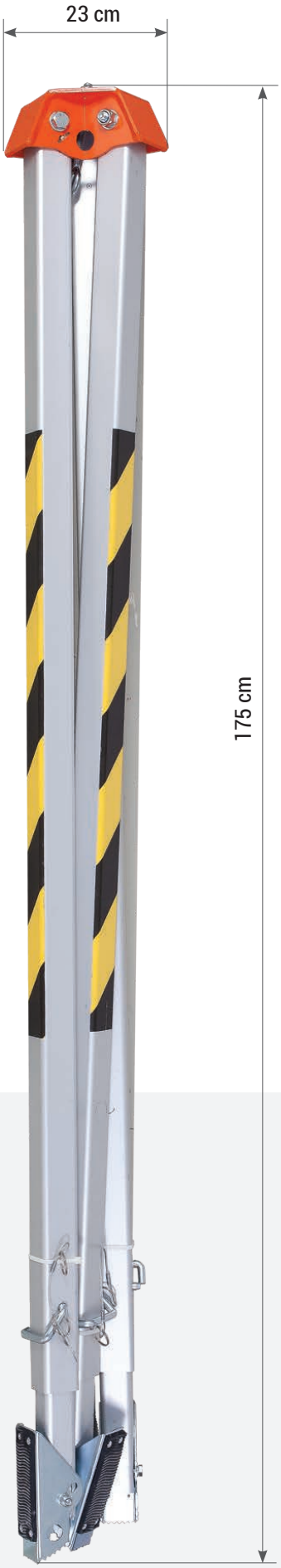
The head is made of powder coated galvanized steel. 1 central anchor point eye bolt and 3 additional side anchor points.

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

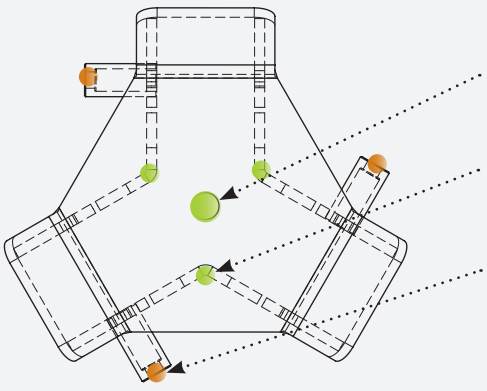
Aluminium legs with 7-step adjustment, locked with cotters.

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

Tripod 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 anchoring of person handling the tripod.

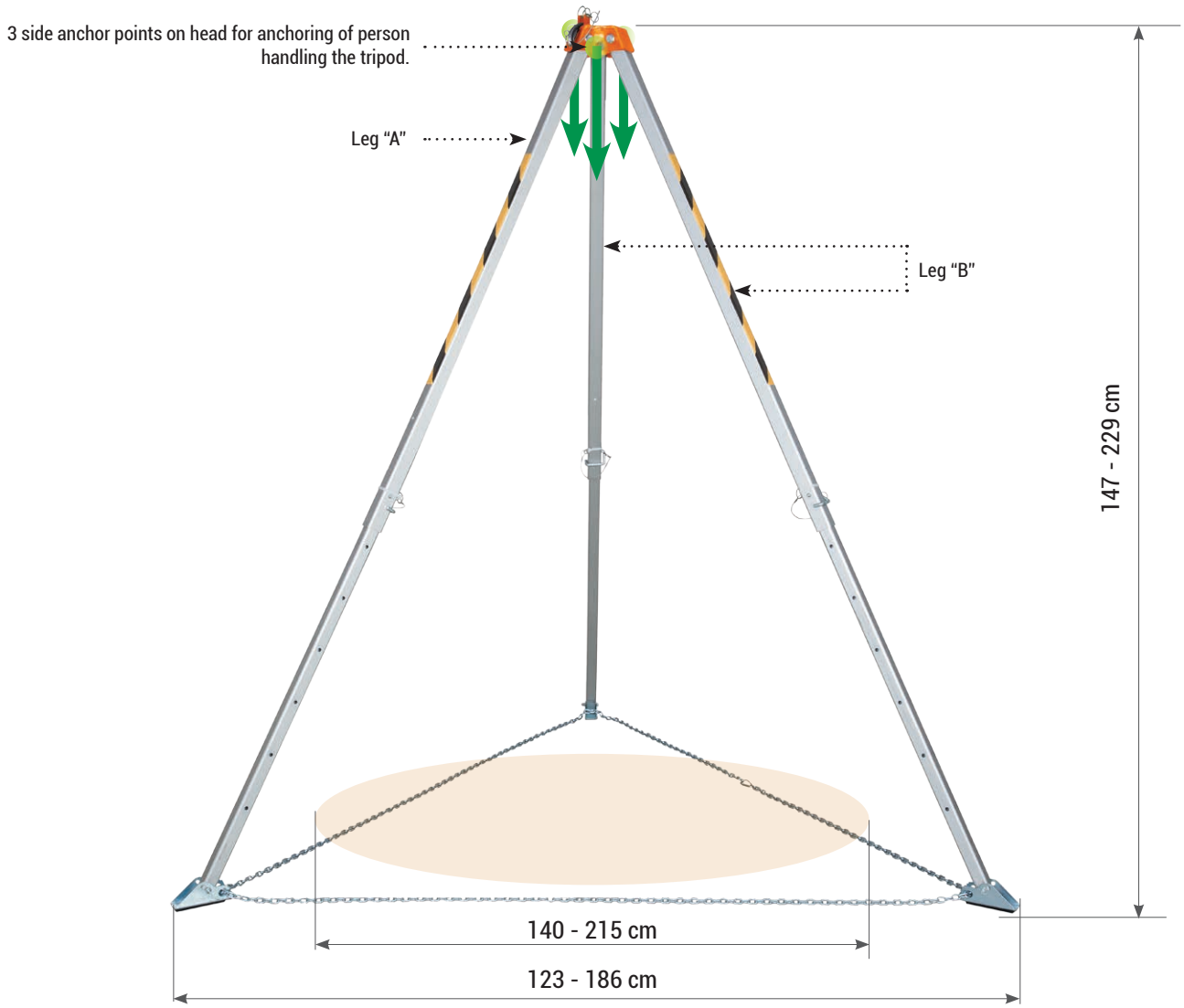
Leg lock.

TM 9-W

MAX HEIGHT:
229 CM

EN 795/B:2012

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



Safety tripod TM 9-W is a portable use anchoring device which does not requires a pulley when operating winches. Intended for single person use only.

Ex

EN 795/B:2012

CE

1 person only

BASIC VARIANT

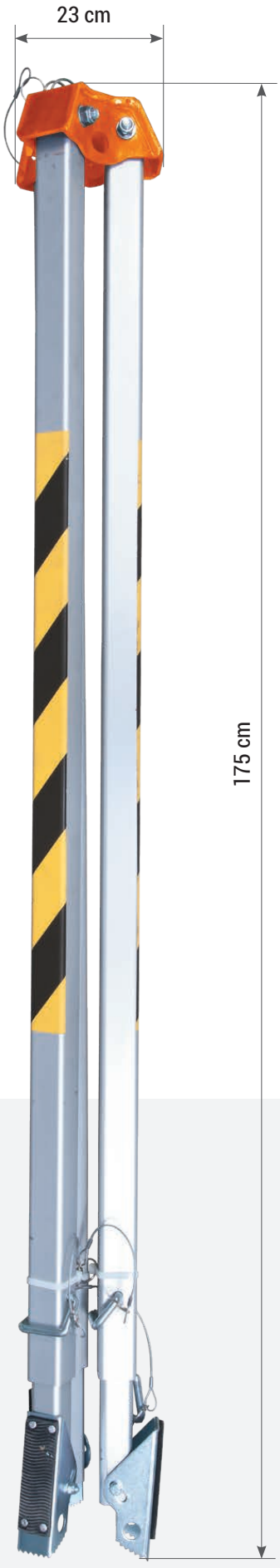
Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	3
Lifting and lowering:	1 person only
Transport dimensions:	175 x 23 x 23 cm

The head is made of powder coated galvanized steel. A wheel for guiding the work rope on rescue devices. Cotters above the wheel prevent the rope from accidental slipping during work.

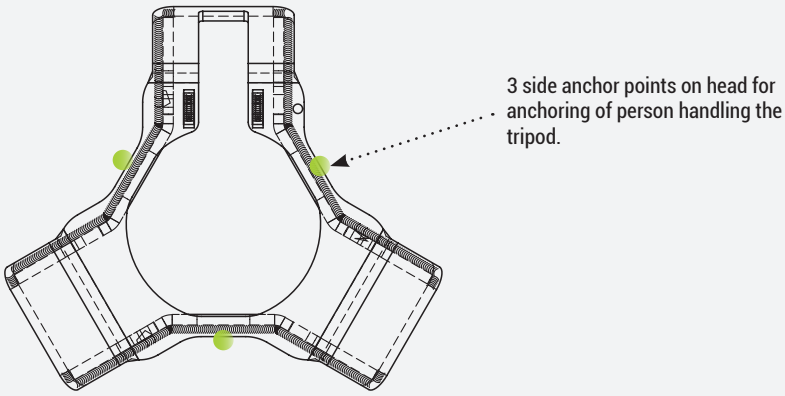
The tripod legs are made of strengthened aluminium profiles. Leg "A" is equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; 2 legs "B" have no wheel or anchor point. The legs feature 7-step adjustment.

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

Tripod legs can be secured with textile webbing or steel chain.

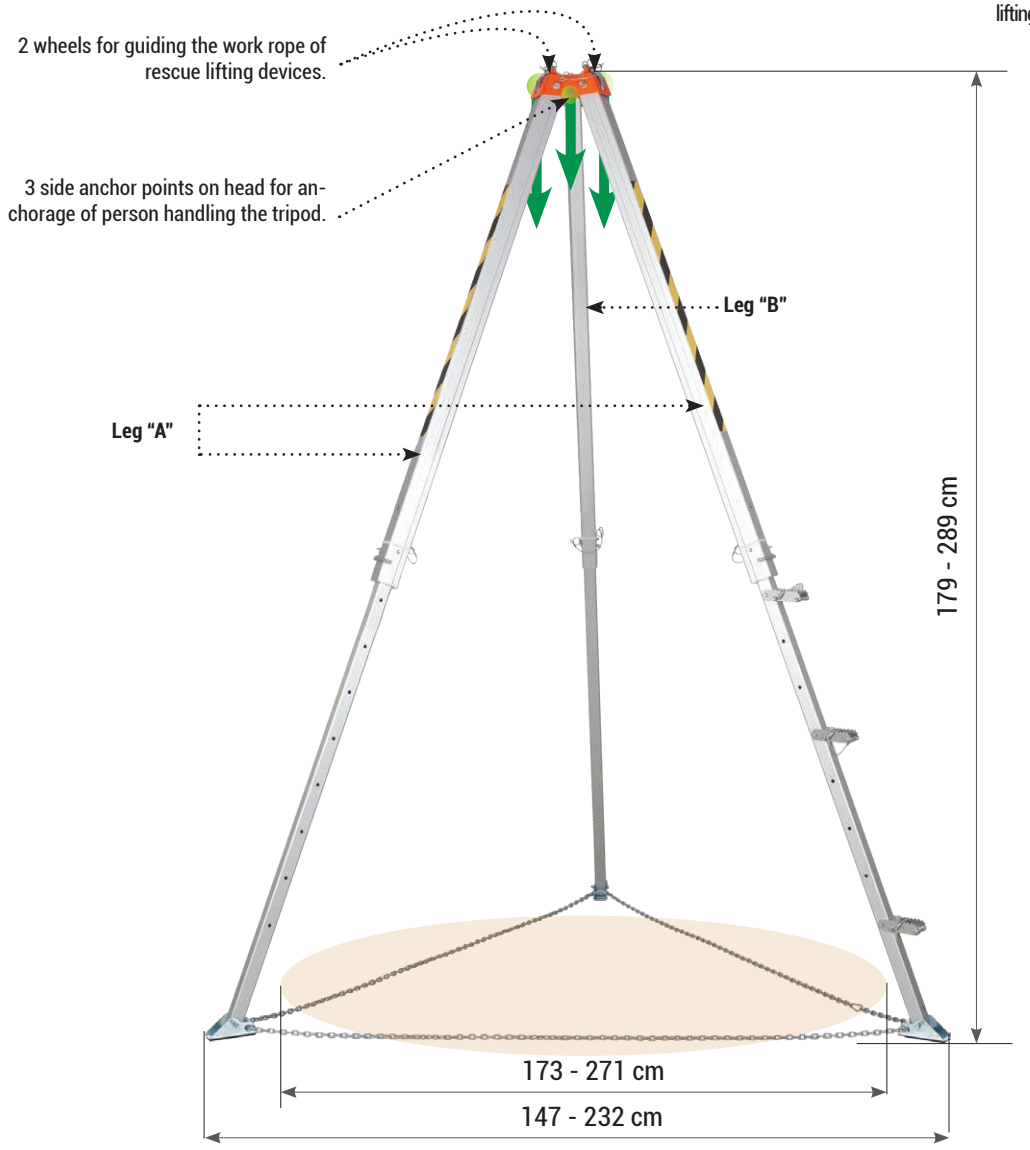


HEAD – PLAN VIEW



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

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



Safety tripod TM 13 is a portable anchoring device which does not requires pulley when operating winches. Has steps for easier access to the head. The device can be used by 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 lowering:	max. 2 persons
Transport dimensions:	190 x 30 x 30 cm

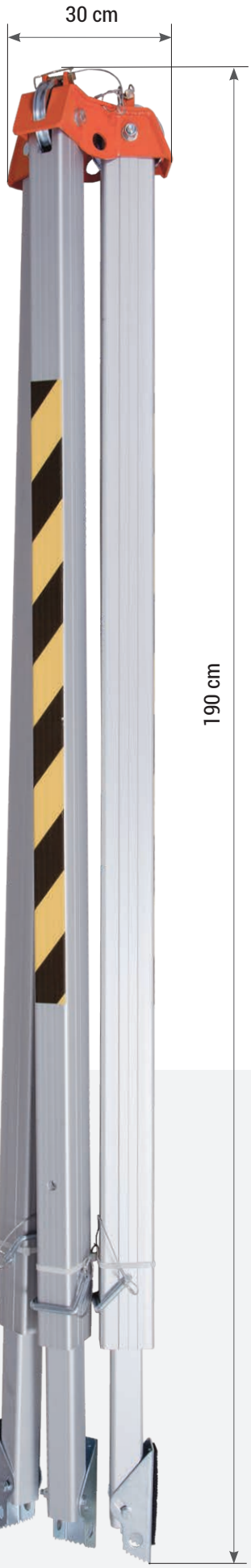
The head is made of powder coated galvanized steel and has two wheels for guiding the work rope of rescue devices. Cotters above wheels prevent the rope from slipping during work.

The tripod legs are made of strengthened aluminium profiles with 9-step adjustment, locked with cotters. Two legs "A" are equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; the third leg "B" has no wheel or anchor point.

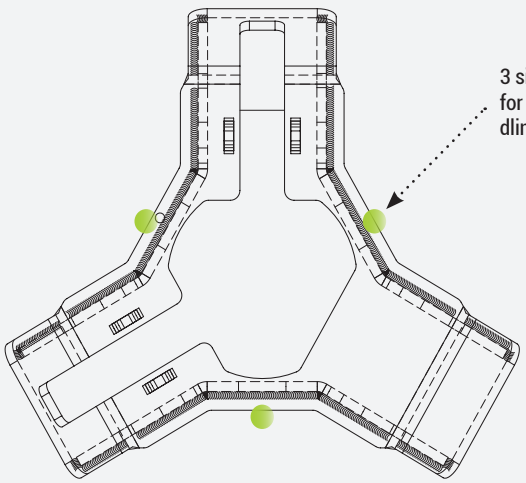
Aluminium steps are mounted with cotters and provide easier access to the tripod head when extending the legs to their maximum height.

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.



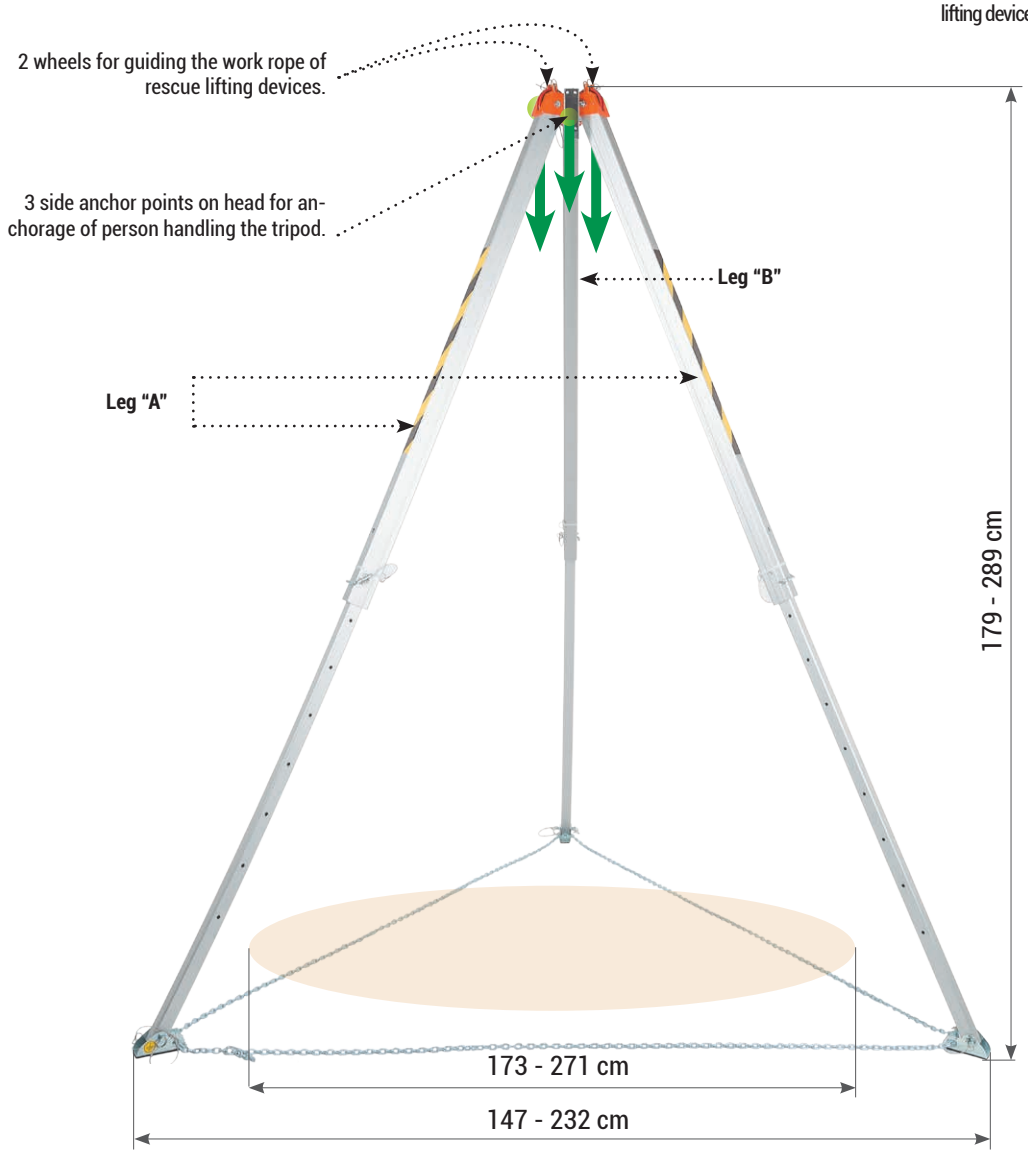
HEAD – PLAN VIEW



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

1. SAFETY TRIPOD

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



TM 14 is a dual-purpose system: standard safety tripod and rescue frame.

1. BASIC VARIANT (page 20)
2. RESCUE FRAME VARIANT (page 22)

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 lowering:	max. 2 persons
Transport dimensions:	190 x 30 x 30 cm

The head is made of powder coated galvanized steel. Two wheels for guiding the work rope rescue devices. Cotters above the wheels prevent the rope from accidental slipping during work.

The tripod legs are made of strengthened aluminium profiles with 9-step adjustment, locked with cotters. Two legs "A" are equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; the third leg "B" has no wheel or anchor point.

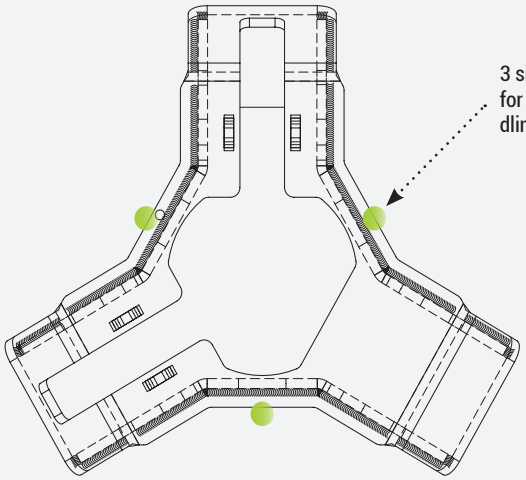
Aluminium steps are mounted with cotters and provide easier access to the tripod head when extending the legs to their maximum height.

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

Tripod legs can be secured with textile webbing or steel chain.

EXTENSION KIT FOR TM 14-ZSE

HEAD – PLAN VIEW



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

Additional option – kit AT015-150

The kit upgrades tripod TM 14-SB to version TM 14-ZSE

The kit comprises:

- Pulley - 1 pc
- Bracket - 2 pcs
- Head support - 1 pc
- Drive-on plate - 1 pc
- Left bracket base - 1 pc
- Right bracket base - 1 pc
- Chain - 1 pc

TM 14-CRS

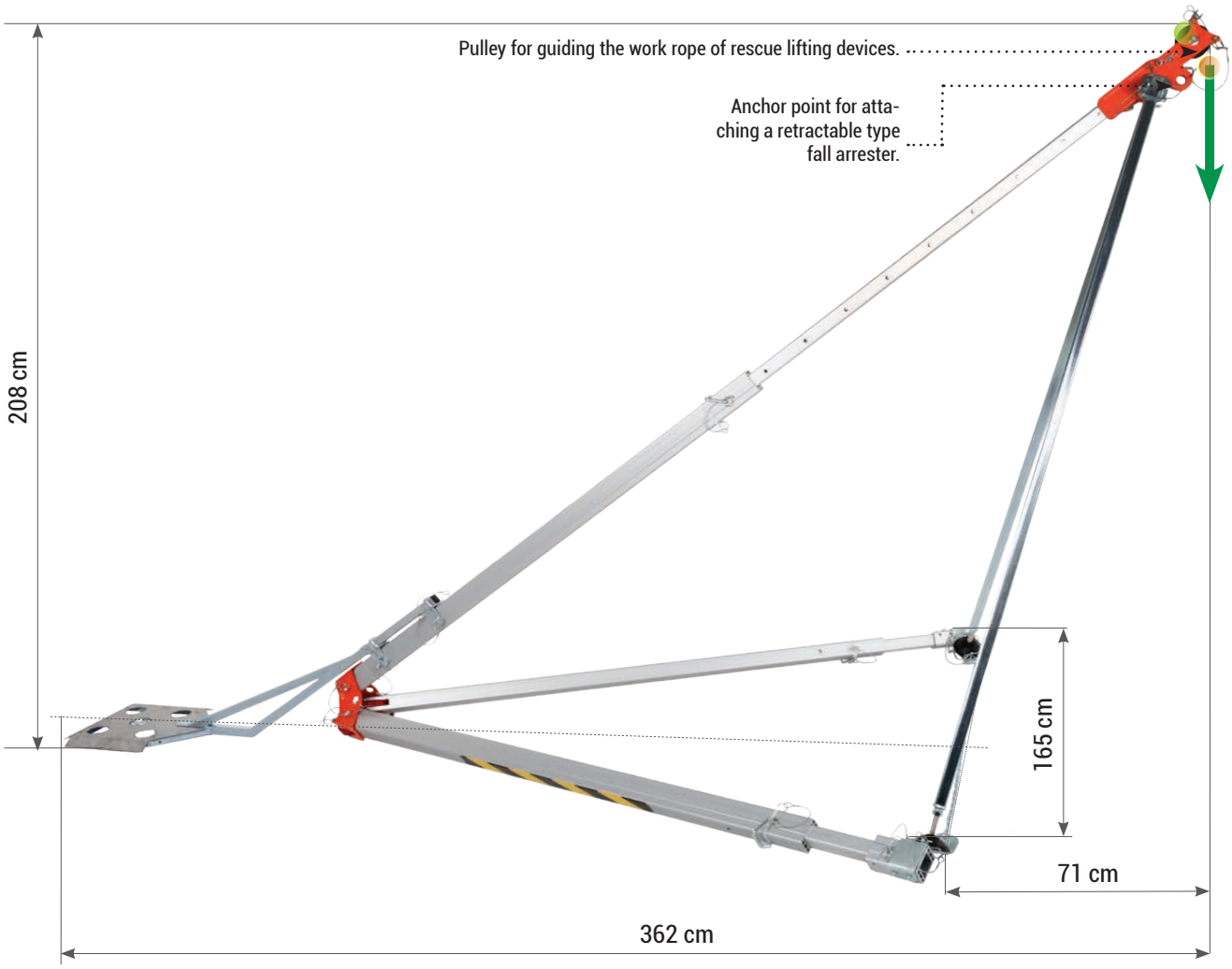
MAX HEIGHT: **208 CM**

EXTENSION: **71 CM**

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

2. CANTILEVER RESCUE SYSTEM

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



TM 14 is a dual-purpose system: standard safety tripod and rescue frame.

1. BASIC VARIANT (page 20)
2. RESCUE FRAME VARIANT (page 22)

Ex

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

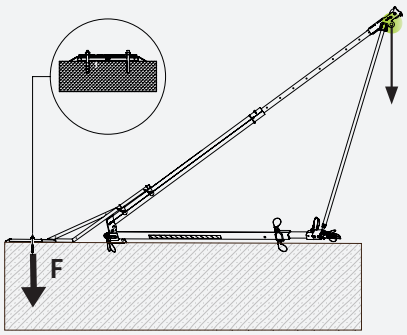
CE

Max. 2 persons

RESCUE FRAME

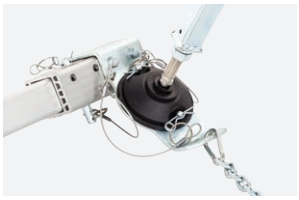
Height:	208 cm
Extension:	71 cm
Overall length:	362 cm
Leg spacing:	165 cm
Weight:	65 kg
Lifting and lowering:	max 200 kg

ANCHORING TO THE GROUND



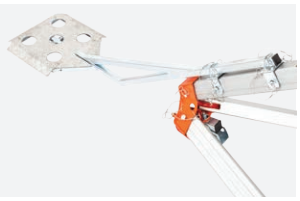
Drive-on plate can be fixed to a concrete or steel surface by means of at least 2 mechanical or chemical anchors with minimum tensile strength of 12 kN.

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



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

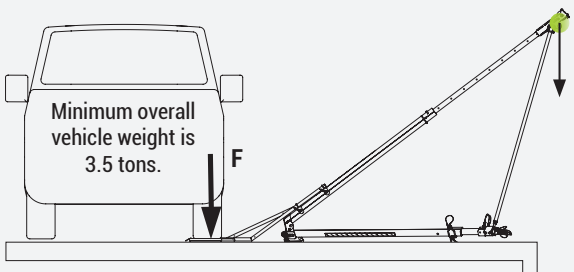
In order to improve the strength of the structure, the tripod legs with supports at their ends are secured with a steel chain.



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 weighing 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 anchored by a vehicle or fixed to the ground. Comprises 19 special plates made of powder coated steel of 25 kg each.

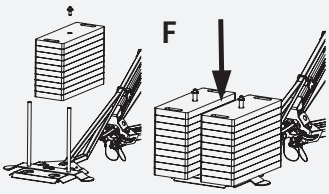
VEHICLE AS A COUNTERWEIGHT



Drive-on plate can be loaded by placing a vehicle 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

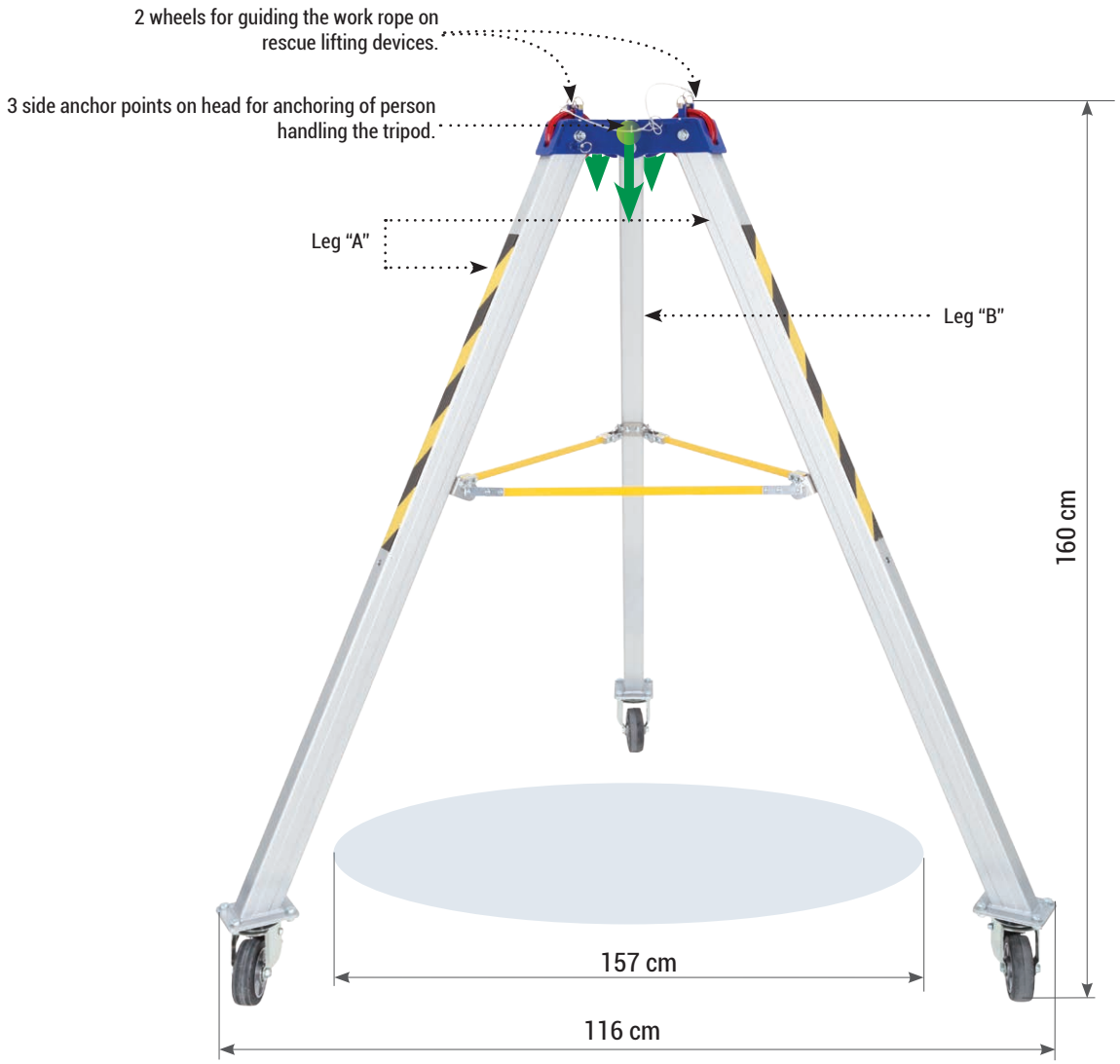
PROTEKT®

MATERIAL TRIPODS

TM 6-T

HEIGHT:
160 CM

Compatible with the following lifting devices: RUP 502-AT, RUP 503-T



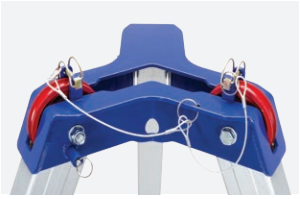
Material tripod TM 6-T is a mobile anchoring device intended for lifting and lowering loads of maximum weight up to 1000 kg. Guiding wheels are integrated with the tripod head enabling operation with rescue lifting devices without the need to use any additional pulley.

Ex

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 lowering:	up to 1000 kg
Transport dimensions:	200 x 47 x 47 cm



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

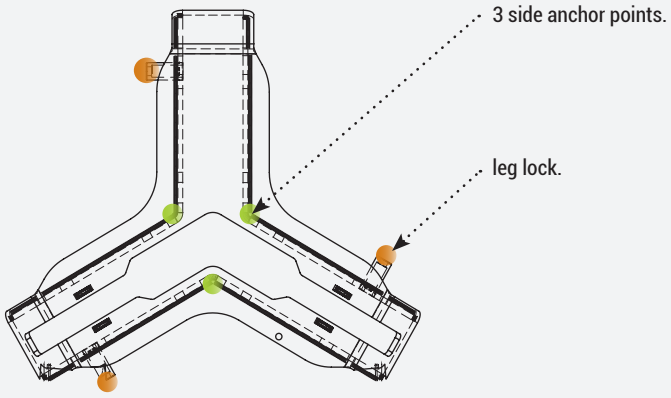
Automatic leg opening locks protect the tripod against accidental collapse during use.

Support 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.

Tripod legs are made of strengthened aluminium profiles. Two legs "A" – equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; The third leg "B" is has no wheel or anchor point.

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

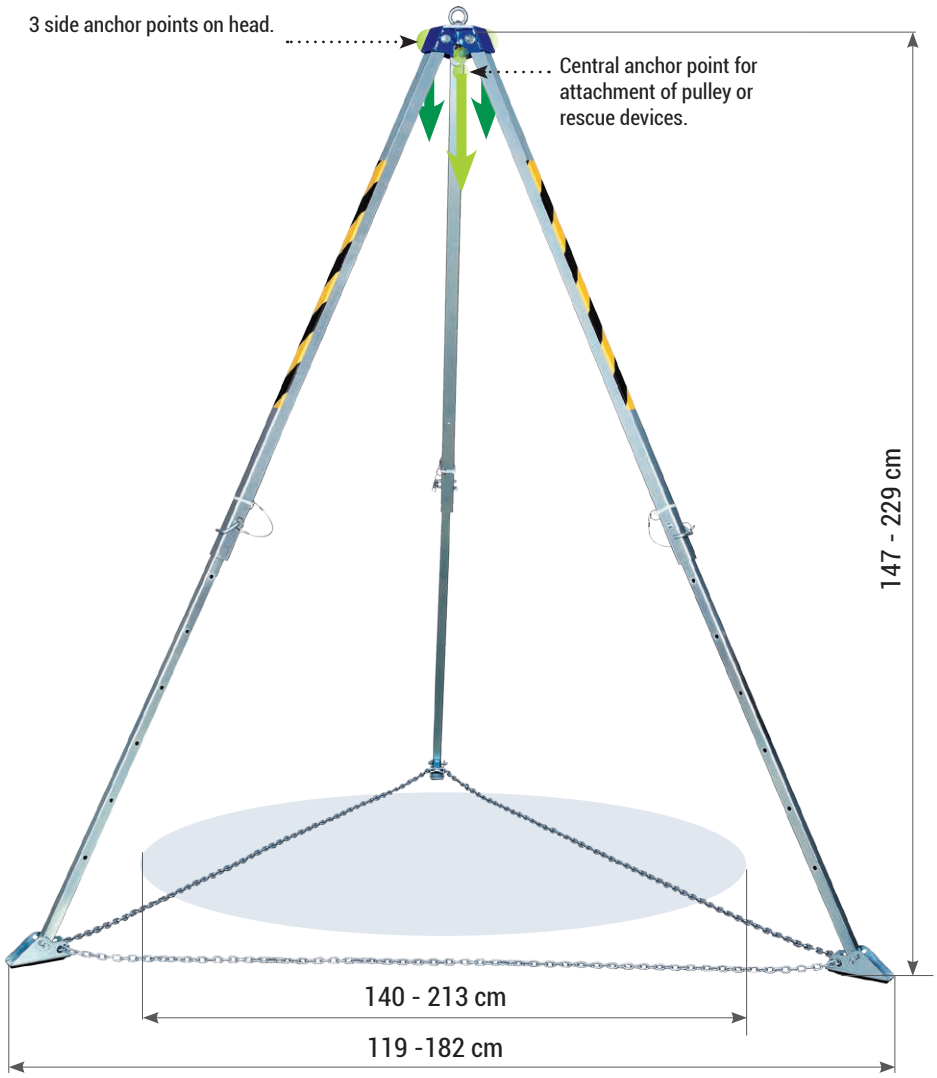
HEAD – PLAN VIEW



TM 7-T

MAX HEIGHT:
229 CM

Compatible with the following lifting devices: RUP 502-BT, RUP 503-BT



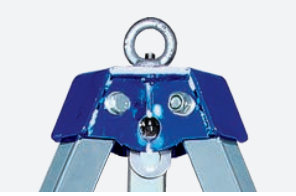
TM 7-T is a steel material tripod intended for lifting/lowering loads of maximum weight of up to 1000 kg.

Ex

Capacity of up to 1000 kg

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 lowering:	up to 1000 kg
Transport dimensions:	175 x 23 x 23 cm



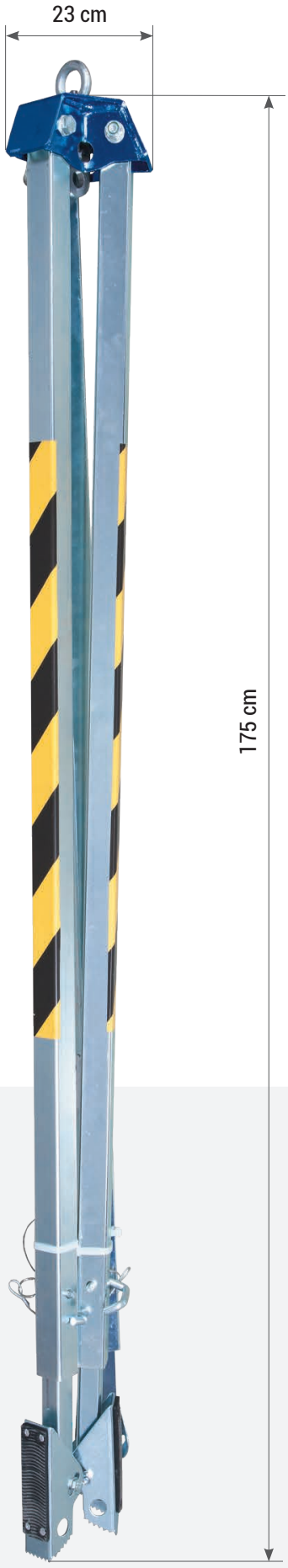
The head is made of powder coated galvanized steel, and has 1 central anchor point as an eye bolt and 3 additional side anchor points.

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

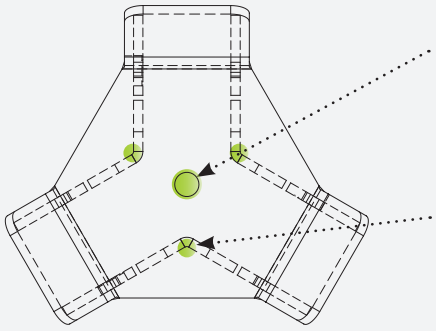
Legs are made of aluminium, and feature 7-step adjustment, locked with a cotter.

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



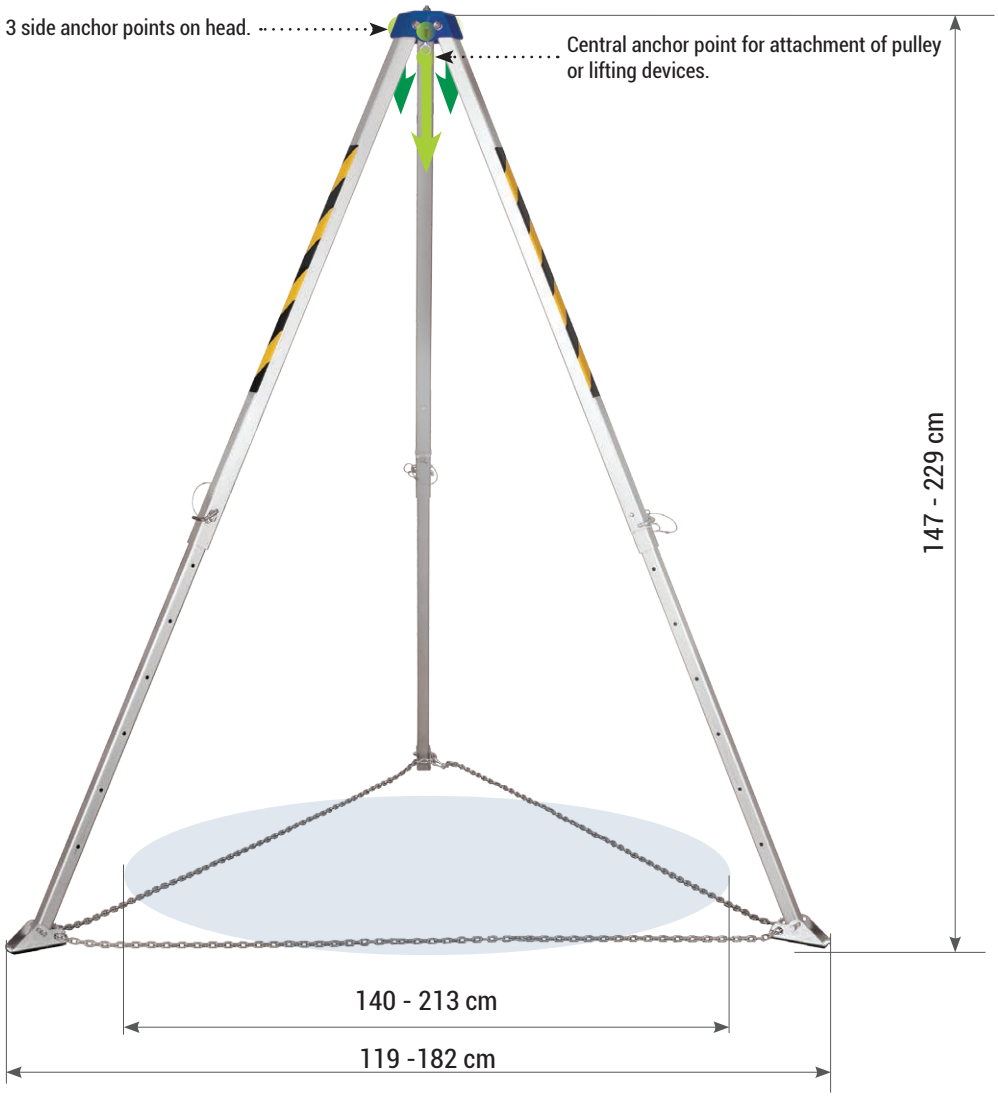
Central anchor point for pulley.

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

TM 9-T

MAX HEIGHT:
229 CM

Compatible with the following lifting devices: RUP 502-T



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

Ex

Capacity of up to 500 kg

BASIC VARIANT

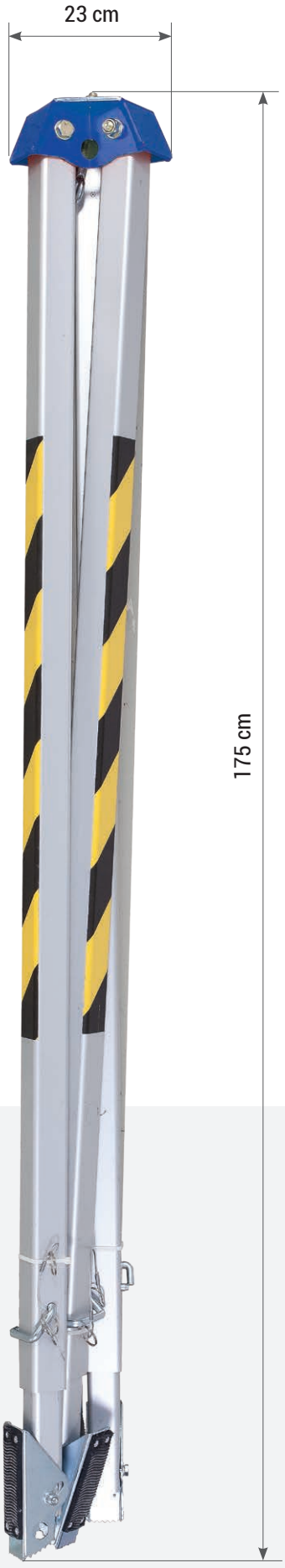
Height:	147 - 229 cm
Opening diameter under tripod:	140 - 213 cm
Leg spacing:	119 - 182 cm
Device weight:	17 kg
Anchor points on head:	4
Lifting and lowering:	up to 500 kg
Transport dimensions:	175 x 23 x 23 cm

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

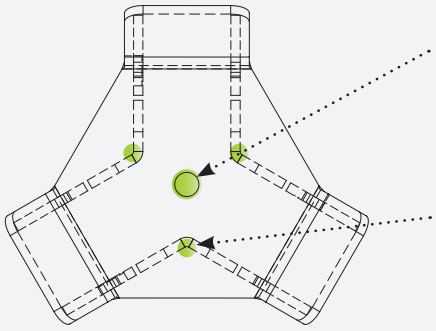
Legs are made of aluminium, and feature 7-step adjustment, locked with a cotter.

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

Tripod legs can be secured with textile webbing or steel chain.



HEAD – PLAN VIEW



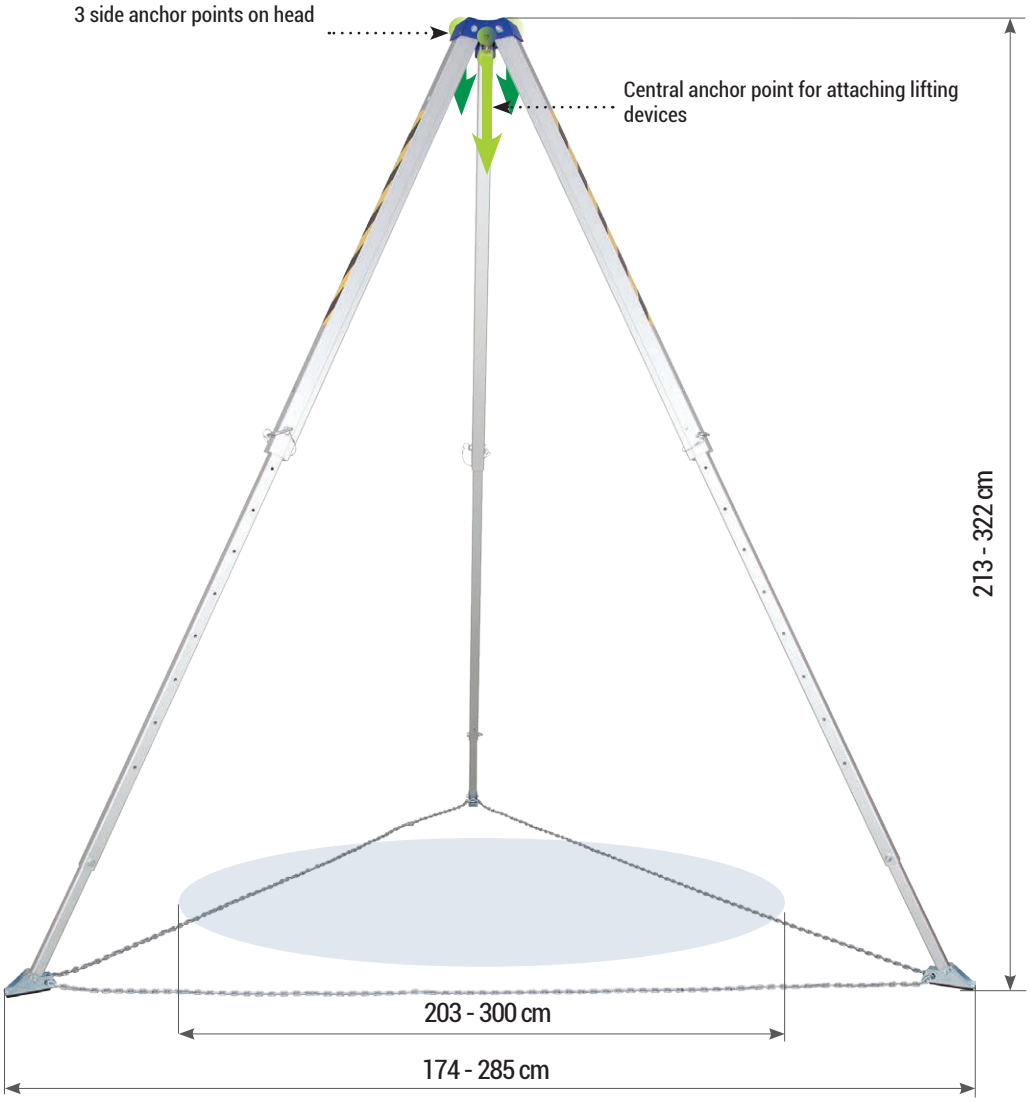
Central anchor point for pulley.

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

TM 11-T2

MAX HEIGHT:
322 CM

Compatible with the following 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.

Ex

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 lowering:	up to 1000 kg
Transport dimensions:	230 x 29,5 x 29,5 cm

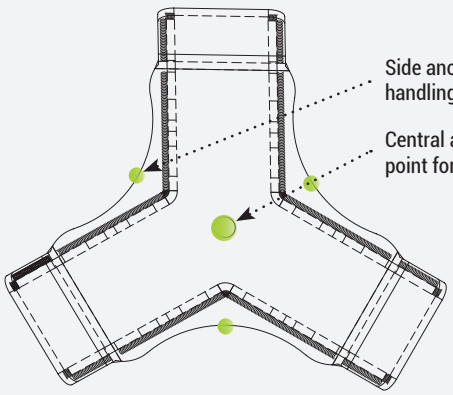
The head is made of powder coated galvanized steel and has 1 central anchor point as an eye bolt and 3 additional side anchor points.

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

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

Tripod legs can be secured with textile webbing or steel chain.

HEAD – PLAN VIEW



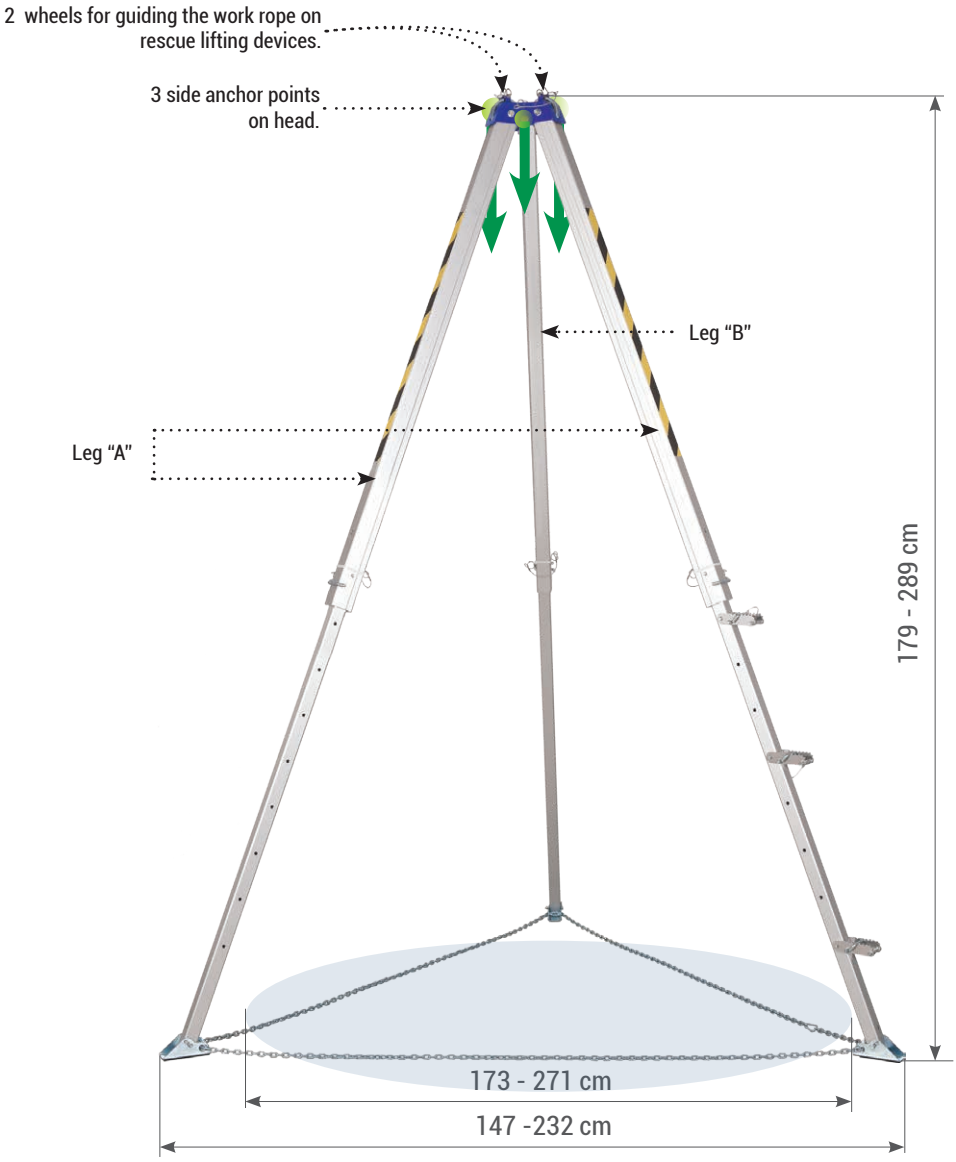
Side anchor points for anchoring of person handling the tripod.

Central anchor point for pulley.

TM 13-T

MAX HEIGHT:
289 CM

Compatible with the following lifting devices: RUP 502-AT, RUP 503-T



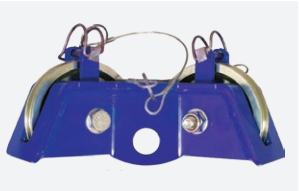
TM 13-T is a material handling tripod intended for lifting/lowering loads of maximum weight up to 1000 kg.

Ex

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 lowering:	up to 1000 kg
Transport dimensions:	230 x 29,5 x 29,5 cm



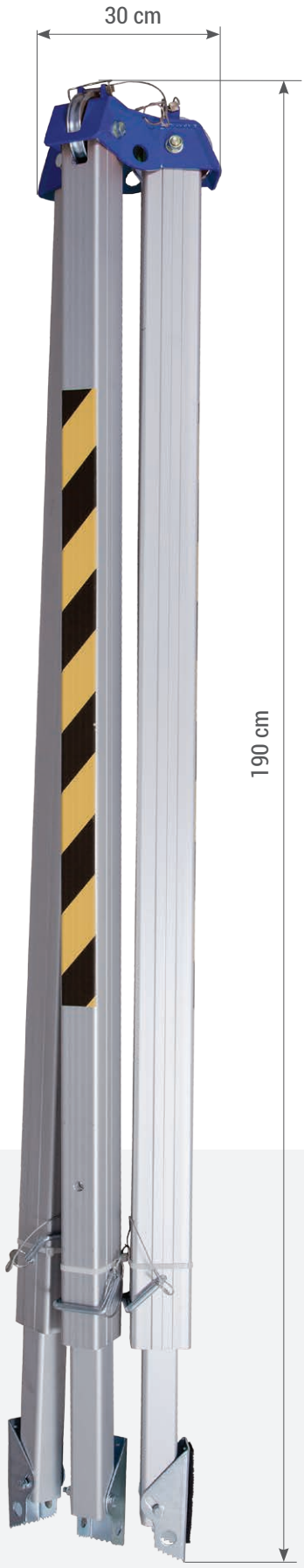
The head is made of powder coated galvanized steel and has two wheels for guiding the work rope on rescue or lifting devices. Cotters above wheels prevent the rope from accidental slipping during work.

Tripod legs are made of strengthened aluminium profiles with 9-step adjustment, locked with cotters. Two legs "A" are equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches the third leg "B" has no wheel or anchor point.

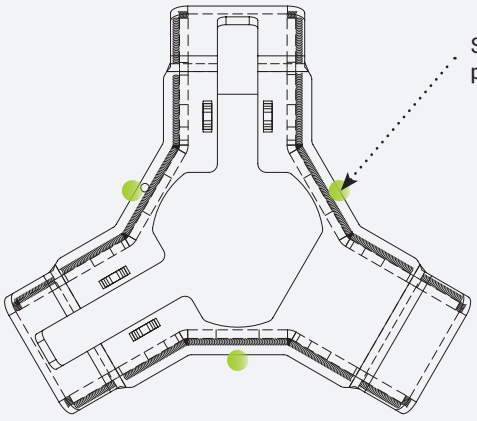
Aluminium steps are mounted with cotters and provide easier access to the tripod head when extending the legs to their maximum height.

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

Tripod legs can be secured with textile webbing or steel chain.



HEAD – PLAN VIEW



Side anchor points for anchoring of person handling the tripod.

PROTEKT®

PERSONAL AND MATERIAL COMBO TRIPODS

TRIPODS 2017

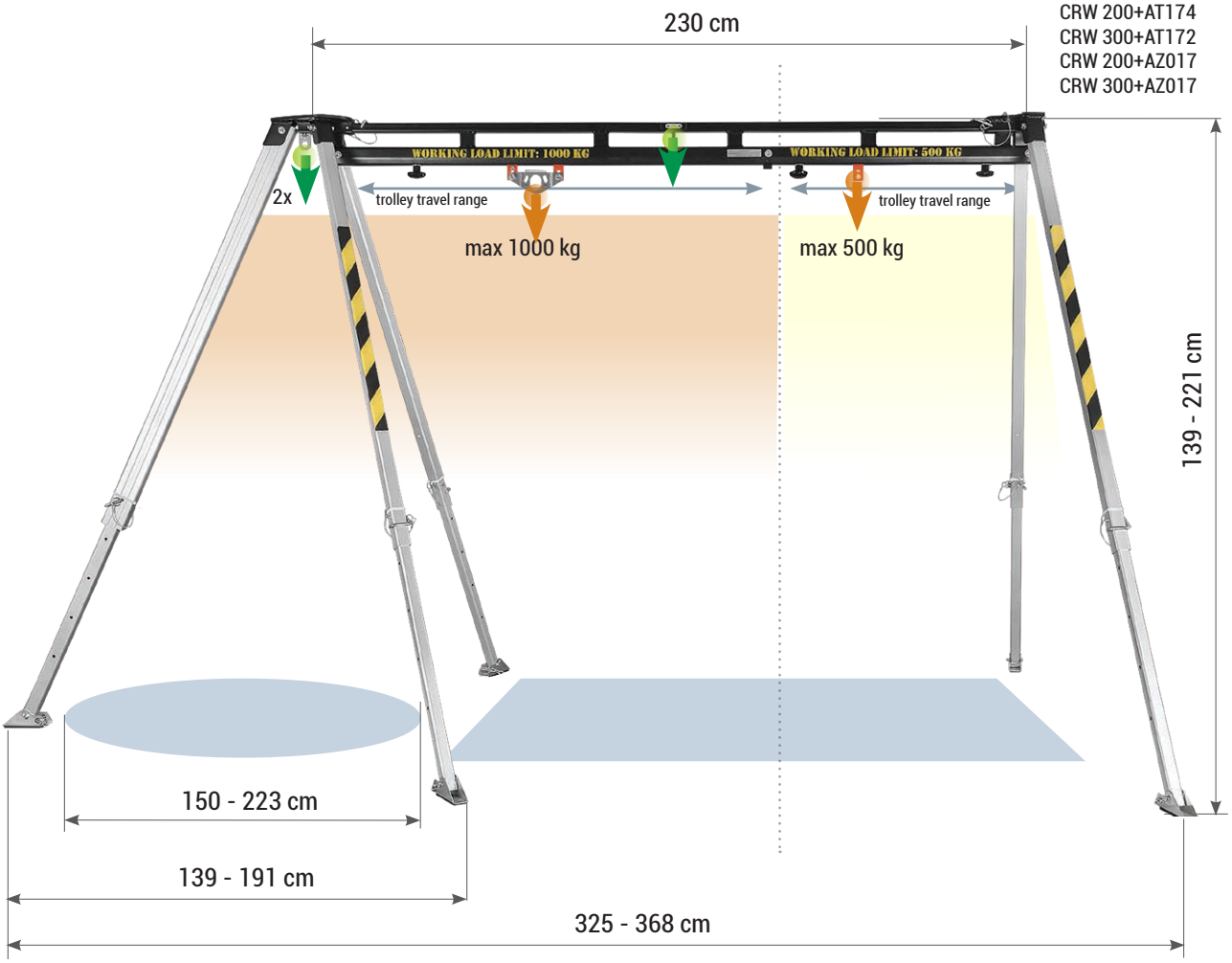
TM 12 SPIDER

MAX HEIGHT: **221 CM**

LENGHT: **368 CM**

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

Compatible with the following 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

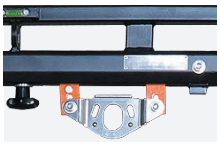
TM 12 SPIDER is a personnel and material device equipped with 2 movable and 4 fixed anchor points.

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 / Lowering for:	max. 2 persons
Fixed anchor points:	4
Movable anchor points:	2
Transport dimensions:	251 x 36 x 31 cm



Steel trolley travelling along the beam is a movable anchor point which can be locked in a fixed position. The point withstands loads of up to 1000 kg or enables lifting/lowering 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 loads of up to 500 kg.

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

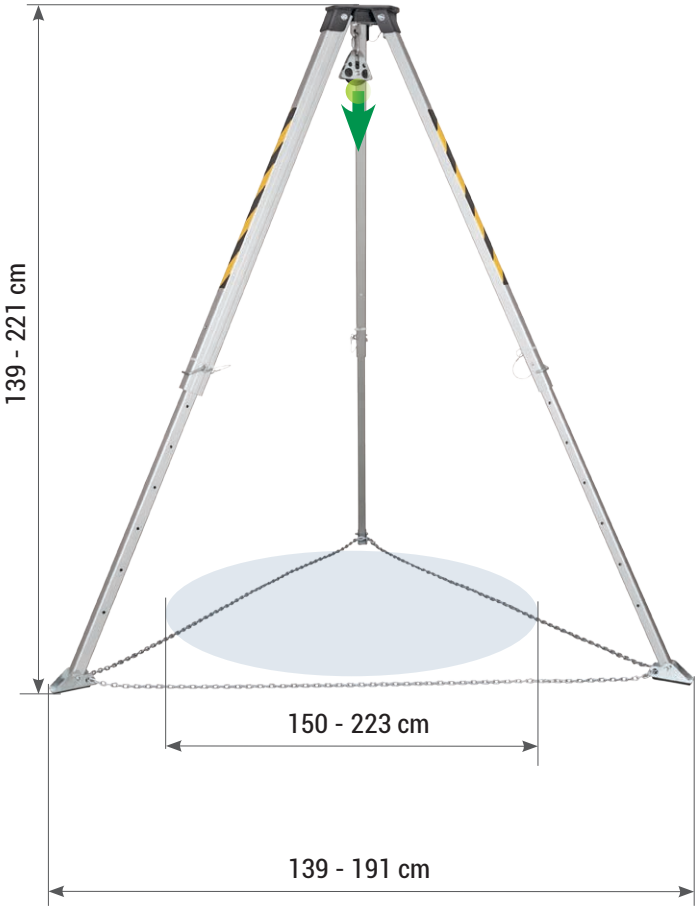
The tripod's head is made of powder coated galvanized steel. It is equipped with an attachment point for a pulley and an additional anchor point for attaching of person handling the tripod.

The tripod's legs are made entirely of aluminium, and feature 7-step adjustment for 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 Spider it is possible to use the left tripod as an independent work tripod for handling materials or lifting and lowering 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

Ex

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

CE

Max.
2 persons
or
capacity of up to
1000 kg

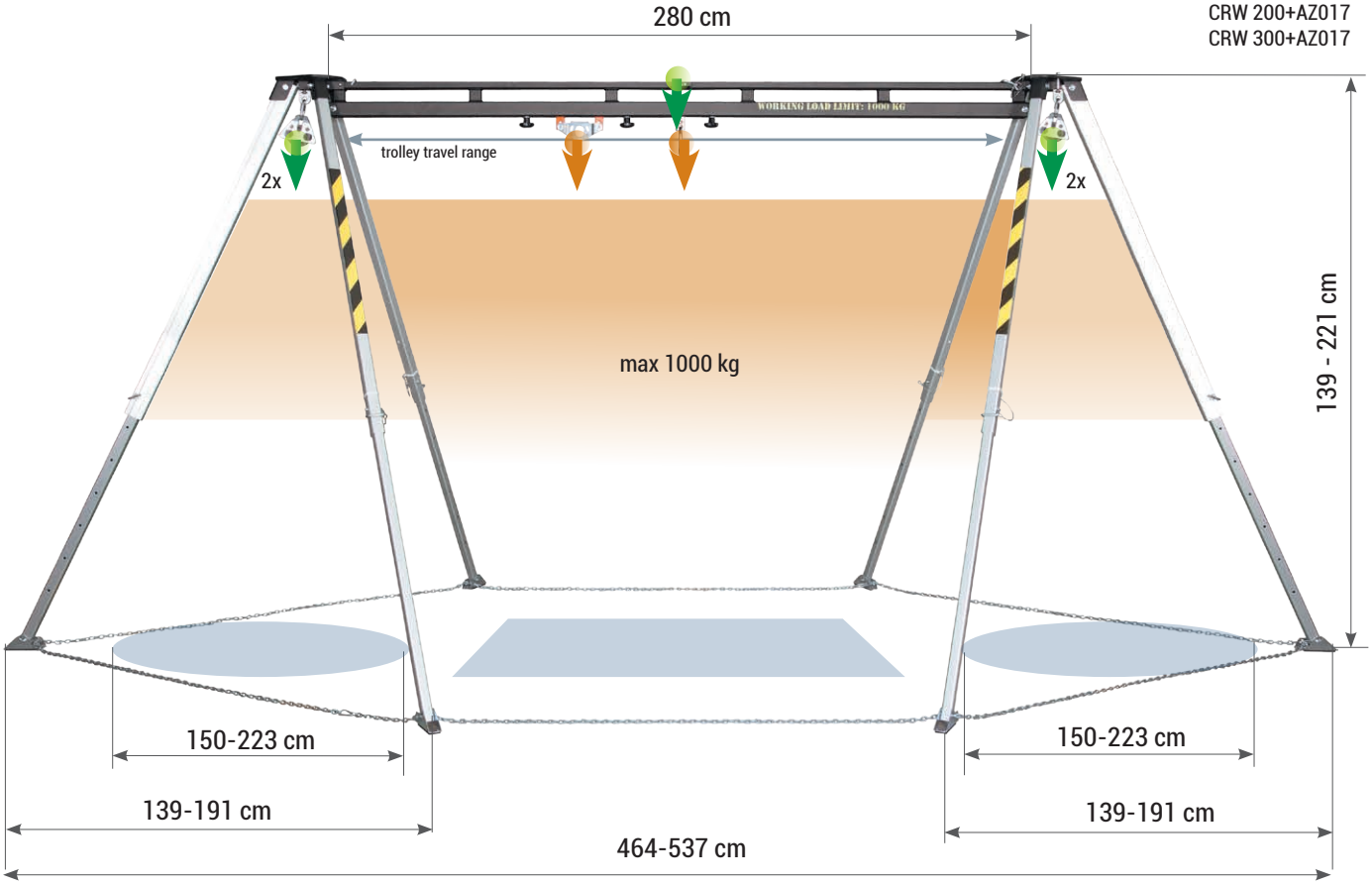
TM 12-2 HEXAPOD

MAX HEIGHT: **221 CM**

LENGHT: **537 CM**

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

Compatible with the following 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

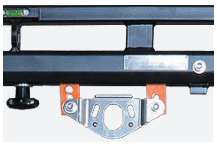
TM 12-2 HEXAPOD is a personnel and material device equipped with 2 movable and 6 fixed anchor points.

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 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:	251 x 36 x 31 cm



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

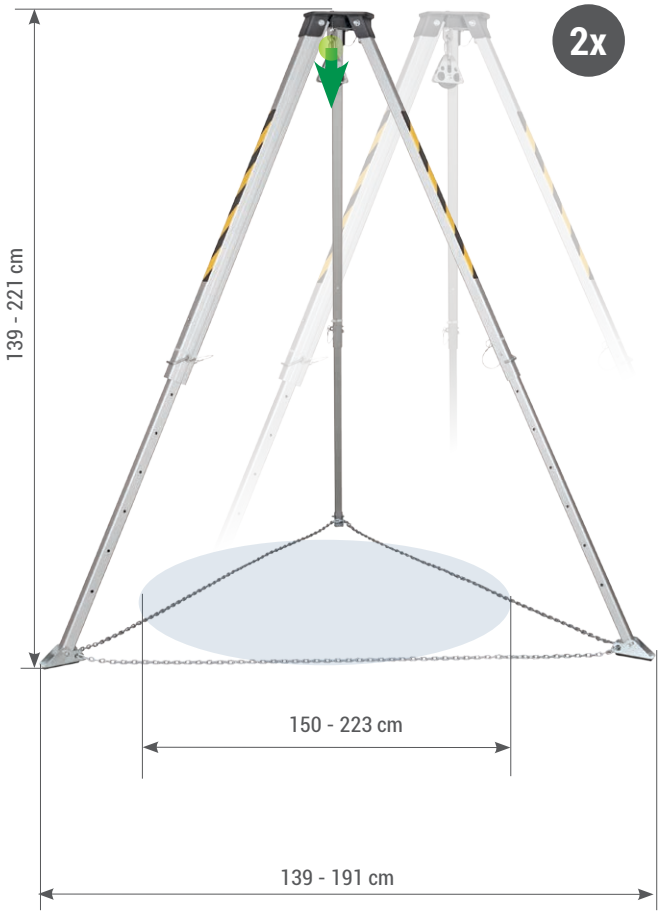
The tripod's head is made of powder coated galvanized steel. It is equipped with an attachment point for a pulley and an additional anchor point for attaching of person handling the tripod.

The tripod's legs are made entirely of aluminium, and feature 7-step adjustment for 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 lowering 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

Ex

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

CE

Max.
2 persons
or
capacity of up to
1000 kg

PROTEKT®

RESCUE DEVICES & LIFTING DEVICES

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

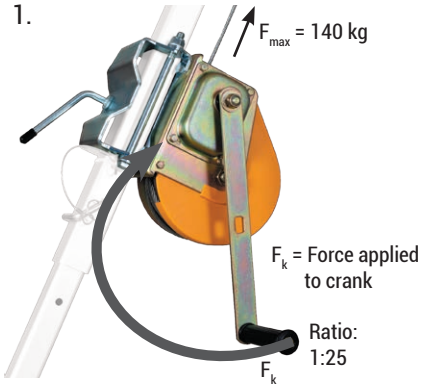
Variant 2:

1 : 12

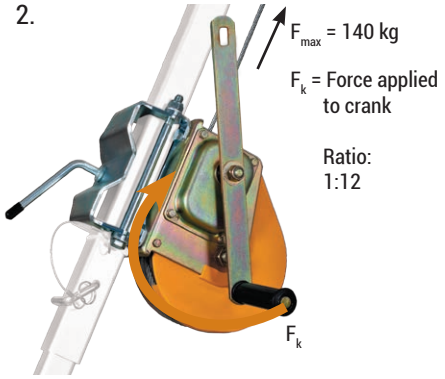
DESCRIPTION OF DEVICE:

- RUP 502 is a winch equipped with a clamp for mounting on tripod 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. The device, can be lifted from a lower level onto a higher level or vice-versa.
  The descent distance cannot be more than 2 m.
- With the ratio used in the mechanism it is possible to make one turn of the drum per 5 turns of the winch's crank.
- The crank 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.

1.



2.



LOADS:

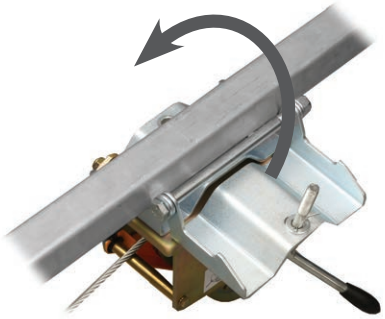
Variant 1:

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 5.6 kG.

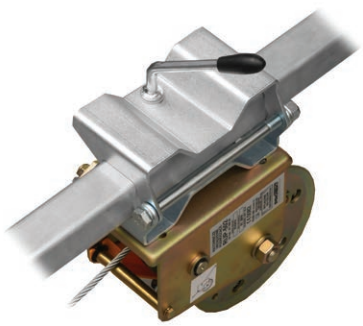
Variant 2:

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 11.6 kG.

1.



2.



ASSEMBLY:

Simple mounting of the winch on the tripod 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

Ex

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 12
TM 12-2
TM 13

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

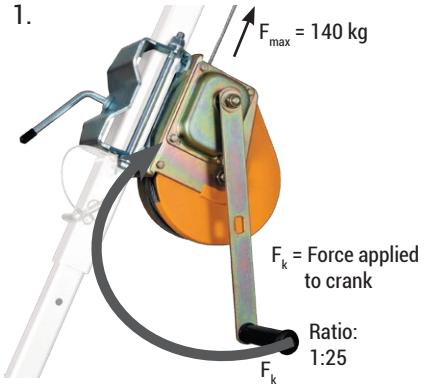
Variant 2:

1 : 12

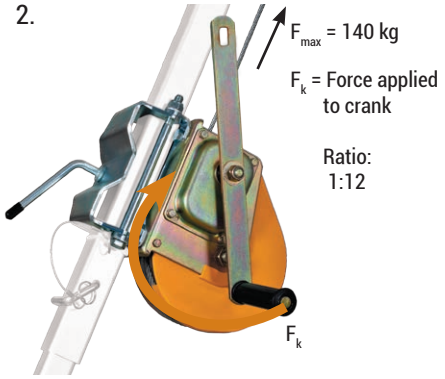
DESCRIPTION OF DEVICE:

- RUP 502-A is a winch equipped with a clamp for mounting on tripod 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-A is a component of rescue equipment. The device, can be lifted from a lower level onto a higher level or vice-versa.
  The descent distance cannot be more than 2 m.
- With the ratio used in the mechanism it is possible to make one turn of the drum per 5 turns of the winch's crank.
- The crank 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.

1.



2.



LOADS:

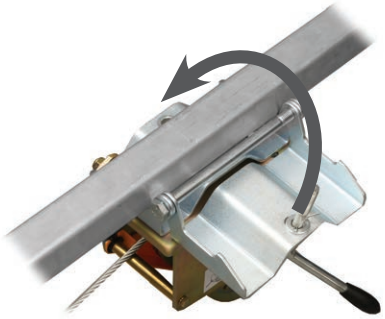
Variant 1:

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 5.6 kG.

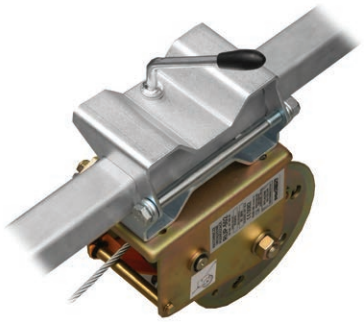
Variant 2:

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 11.6 kG.

1.



2.



ASSEMBLY:

Simple mounting of the winch on the tripod 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

Ex

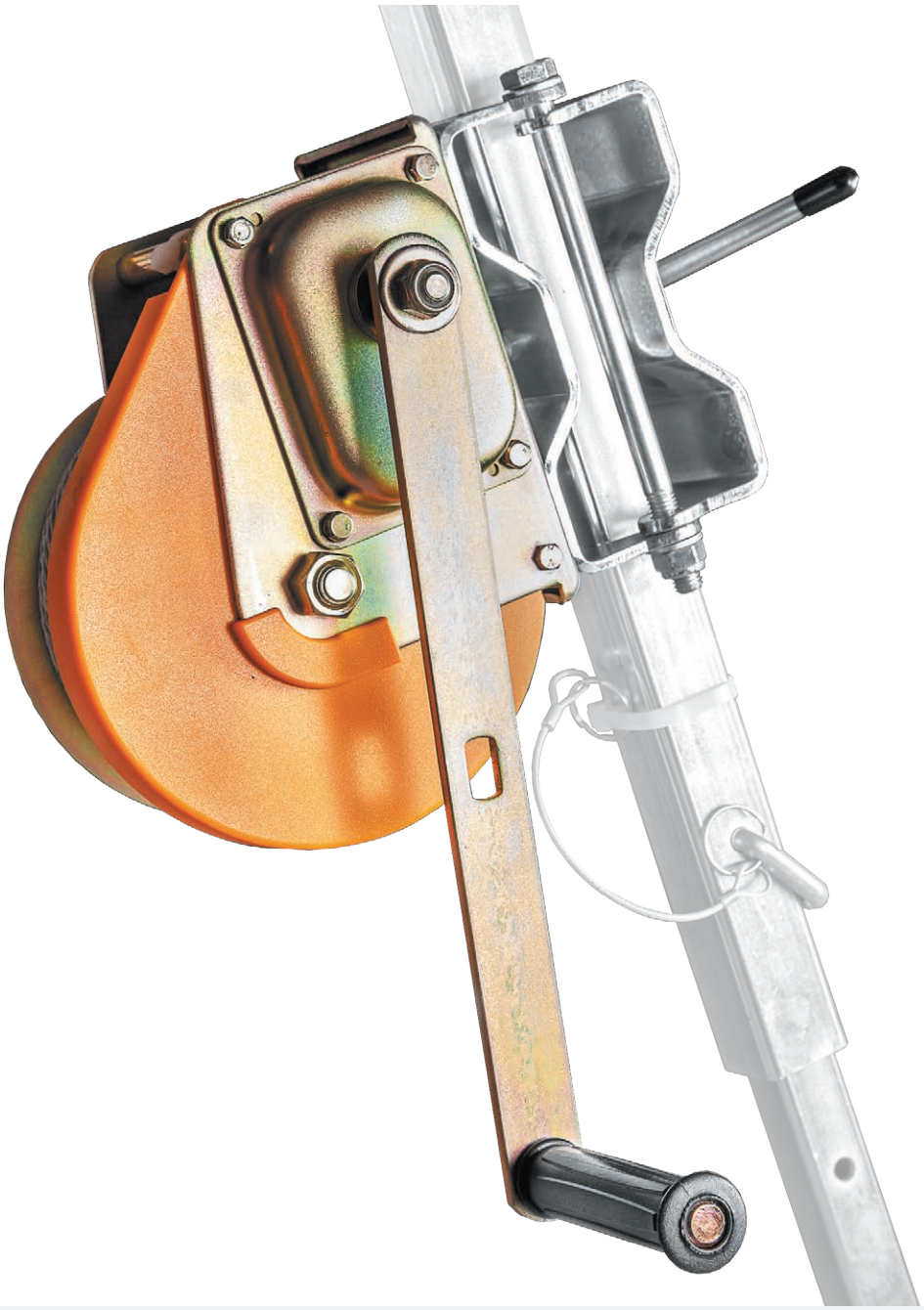
EN 1496/B

1 person
at max. 140 kg

RESCUE LIFTING DEVICE **RUP 502-B**

EN 1496/B

Compatible with tripod type: TM 7



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

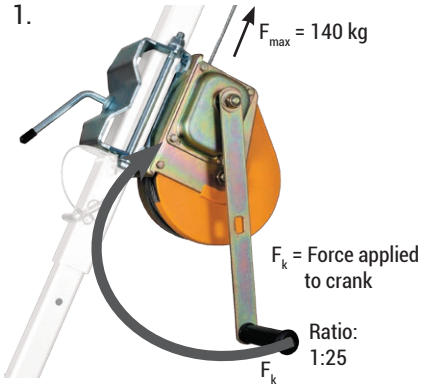
Variant 2:

1 : 12

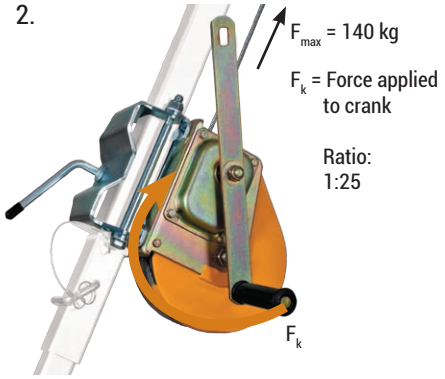
DESCRIPTION OF DEVICE:

- RUP 502-B is a winch equipped with a clamp for mounting on tripod 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-B is a component of rescue equipment. The device, can be lifted from a lower level onto a higher level or vice-versa.
  The descent distance cannot be more than 2 m.
- With the ratio used in the mechanism it is possible to make one turn of the drum per 5 turns of the winch's crank.
- The crank 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.

1.



2.



LOADS:

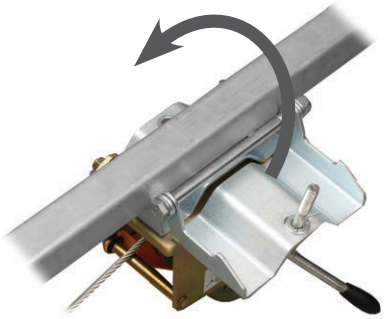
Variant 1:

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 5.6 kG.

Variant 2:

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 11.6 kG.

1.



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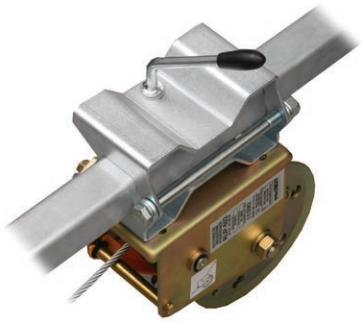


ASSEMBLY:

Simple mounting of the winch on the tripod 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

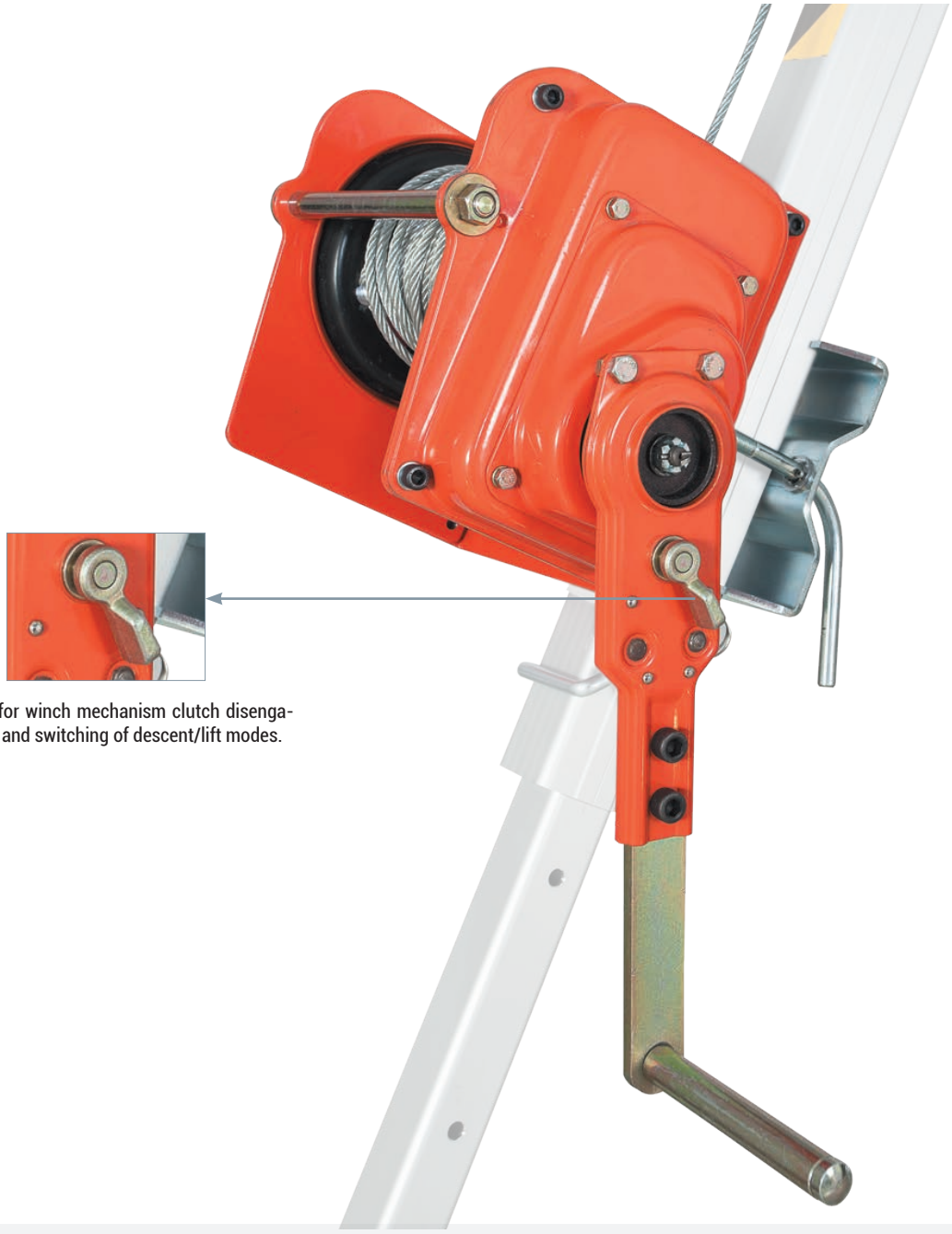
EN 1496/B

1 person
at max. 140 kg

RESCUE LIFTING DEVICE **RUP 503**

EN 1496/B

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



Switch for winch mechanism clutch disengagement and switching of 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:

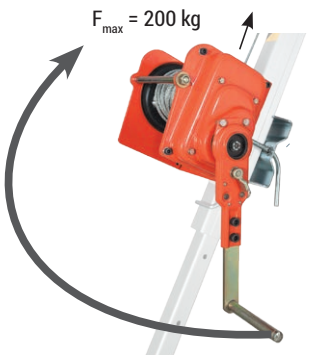
1 : 27

Accessories:

- Spring-type energy absorber SDW

DESCRIPTION OF DEVICE:

- RUP 503 is a winch equipped with clamp for mounting on tripod 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. Usingthe device, a casualty can be lifted from a lower level onto a higher level or vice-versa. The descent distance cannot be more than 2 m;
- With the ratio used in the mechanism it is possible to make one turn of the 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.



F k = Force applied to crank
Ratio: 1:27

LOADS:

At load weight (Fmax) of 200 kg force applied to the crank (Fk) shall be 7.41 kG.

1.

2.

ASSEMBLY:

Simple mounting of the winch on the tripod 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 or 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

Ex

EN 1496/B

2 persons
at max. 200 kg

RESCUE LIFTING DEVICE **RUP 503-B**

EN 1496/B

Compatible with tripod types: TM 7

Switch for winch mechanism clutch disengagement and switching of 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:

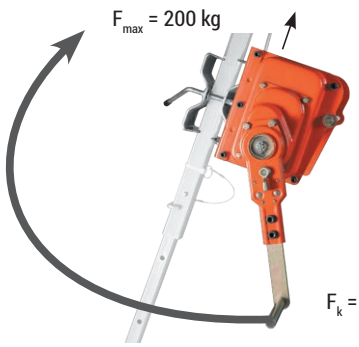
1 : 27

Accessories:

- Spring-type energy absorber SDW
- Pulley PL 101

DESCRIPTION OF DEVICE:

- RUP 503-B is a winch equipped with clamp for mounting on tripod 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. Usingthe device, a casualty can be lifted from a lower level onto a higher level or vice-versa. The descent distance cannot be more than 2 m;
- With the ratio used in the mechanism it is possible to make one turn of the 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 (Fmax) of 200 kg force applied to the crank (Fk) shall be 7.41 kG.

1.

2.

ASSEMBLY:

Simple mounting of the winch on the tripod 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 or 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

Ex

EN 1496/B

2 persons
at max. 200 kg

RESCUE LIFTING DEVICE **RUP 505**

EN 1496/B

Compatible with tripod type: TM 9, TM 9-W

Rope parameters:

static textile rope conforms with EN 1891

ø 10-11 mm

Cable length variants:

unlimited

Rope sold separately.

Accessories:

* Pulley PL 101

* Spring-type energy absorber SDW

Spur gearing:

1. 1 : 2,13

2. 1 : 6,28

Overall mechanism ratio:

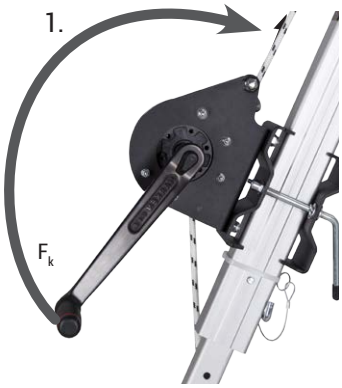
1. 1 : 13,5

2. 1 : 39,9

DESCRIPTION OF DEVICE:

- RUP 505 is a rescue lifting device equipped with clamp for mounting of the device on a tripod leg. The lifting device operates with static textile ropes of length as required by the customer. The rope should be ordered separately.
- RUP 505 is a component of rescue equipment.Using the device, a casualty can be lifted from a lower level onto a higher level or vice-versa. The descent distance cannot be more than 2 m;
- With the ratio used in the mechanism it is possible to make one turn of the drum per 2.13 turns of the device's crank or in the second mode, 6.2 turns;
- The crank is easily dismounted to facilitate transport;
- The RUP 505 rescue device complies with EN 1496/B.

1.

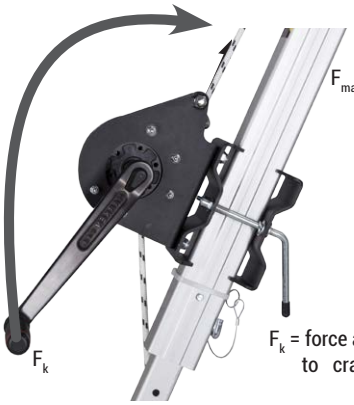


F_{max} = 150 kg

F_k = force applied to crank

Ratio:
1 : 13,5

2.



F_{max} = 150 kg

F_k = force applied to crank

Ratio:
1 : 39,9

LOADS:

Variant 1:

At load weight (Fmax) of 150 kg
force applied to the crank (Fk) shall be
11,11 kG

Variant 2:

At load weight (Fmax) of 150 kg
force applied to the crank (Fk)
shall be 3,75 kG

1.

2.

INSTALLATION:

Simple mounting of the device on the tripod leg by means of a clamp:

1. Clamp opened
2. Clamp closed.

KIT:

Rescue lifting device RUP 505 is offered with spring-type energy absorber SDW.

MAIN FEATURES:

Lifting device weight:	8 kg
Rope length:	unlimited
Rope type:	od 10 do 11 mm
Rope diameter:	static textile rope conforms with EN 1891
Mechanism ratio 1:	1 : 2,13
Mechanism ratio 2:	1 : 6,28
Force applied to lift 150 kg kg for variant 1:	11,11 kG
Force applied to lift 150 kg kg for variant 2:	3,75 kG
Permissible work load:	150 kg
Compatible with tripod type:	TM9, TM9-W
Standard:	EN 1496/B

EN 1496/B

Personal lifting device for up to 150 kg

RESCUE LIFTING DEVICE **RUP 505-A**

EN 1496/B

Compatible with tripod type: TM 13

Rope parameters:

static textile rope conforms **with EN 1891**

ø **10-11 mm**

Cable length variants:

unlimited

Rope sold separately.

Accessories:

*** Spring-type energy absorber SDW**

Spur gearing:

1. **1 : 2,13**
2. **1 : 6,28**

Overall mechanism ratio:

1. **1 : 13,5**
2. **1 : 39,9**

DESCRIPTION OF DEVICE:

- RUP 505-A is a rescue lifting device equipped with clamp for mounting of the device on a tripod leg. The lifting device operates with static textile ropes of length as required by a customer. The rope should be ordered separately;
- RUP 505-A is a component of rescue equipment. Level the device, a casualty can be lifted from a lower level onto a higher level or vice-versa. The descent distance cannot be more than 2 m;
- With the ratio used in the mechanism it is possible to make one turn of the drum per 2.13 turns of the device's crank or in the second mode, 6.2 turns;
- The crank is easily dismounted to facilitate transport;
- The RUP 505-A rescue device complies with EN 1496/B.

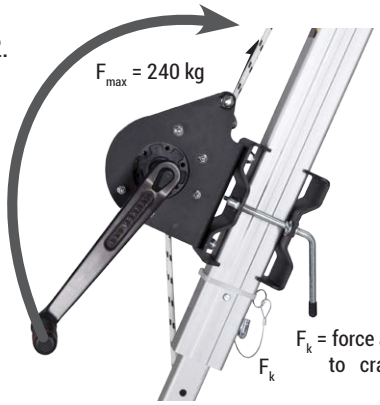
1.

F_{max} = 150 kg

F_k = force applied to crank

Ratio:
1 : 13,5

2.



F_{max} = 240 kg

F_k = force applied to crank

Ratio:
1 : 39,9

LOADS:

Variant 1:

At load weight (Fmax) of 240 kg force applied to the crank (Fk) shall be 17.7 kg.

Variant 2:

At load weight (Fmax) of 240 kg force applied to the crank (Fk) shall be 6 kg.

1.

2.

INSTALLATION:

Simple mounting of the device on the tripod leg by means of a clamp:

1. Clamp opened
2. Clamp closed.

+

KIT:

Rescue lifting device RUP 505-A is offered with spring-type energy absorber SDW.

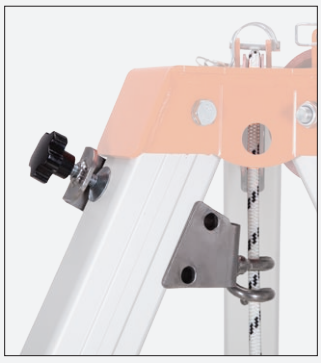
MAIN FEATURES:

Lifting device weight:	8 kg
Rope length:	unlimited
Rope type:	od 10 do 11 mm
Rope diameter:	static textile rope conforms with EN 1891
Mechanism ratio 1:	1 : 2,13
Mechanism ratio 2:	1 : 6,28
Force applied to lift 200 kg kg for variant 1:	17,7 kG
Force applied to lift 200 kg kg for variant 2:	6 kG
Permissible work load:	240 kg
Compatible with tripod type:	TM13
Standard:	EN 1496/B

ADDITIONAL OPTION:

Rope guide

Guide a textile rope when tripod TM 13 is used with lifting device RUP 505-A.



EN 1496/B

Personal lifting device for up to 240 kg

RETRACTABLE TYPE FALL ARRESTER **CRW 200**

EN 1496/B
EN 360

Compatible with **ALL** personal tripod types.

CRW 200 - 15 m

Hook with fall indicator

F_k = force applied to crank
Ratio: 1:22

F_{max}

At load weight (Fmax) of 140 kg force applied to the crank (Fk) shall be 6.4 kG.

Rope parameters:

7x19 + IWRC

ø 4,7 mm

Cable length variants:

15 m

Spur gearing:

1 : 8,8

Overall mechanism ratio:

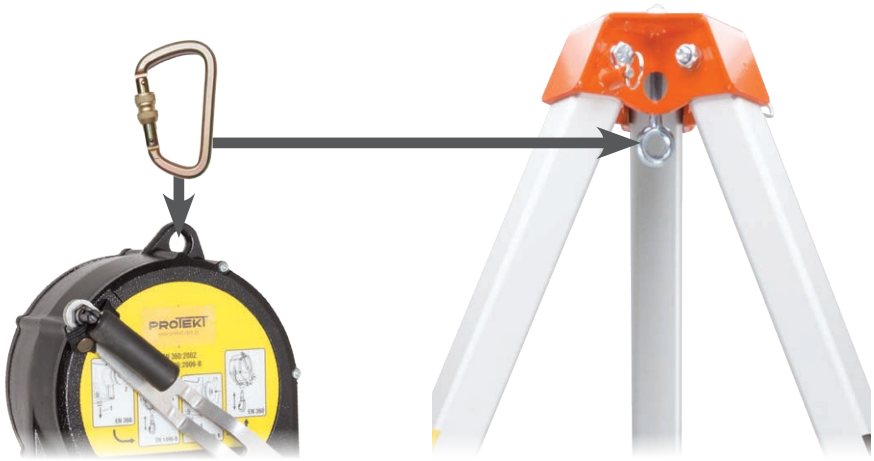
1 : 22

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, first mount an adequate mounting clamp;
- Connector has a 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 the 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 leg. According to the leg thickness, either clamp AT 173 or AT 174 is used. The clamp is simple to mount and is made of galvanized steel. Above is an example mounting of clamp AT 173 on 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 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

Ex

EN 1496/B
EN 360

CE

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 (Fmax) of 140 kg force applied to the crank (Fk) 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, first mount an adequate mounting clamp;
- Connector has a 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 the 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 leg. According to the leg thickness, either clamp AT 171 or AT 172 is used. The clamp is simple to mount and is made of galvanized steel. Above is an example mounting of clamp AT 171 on 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 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

Ex

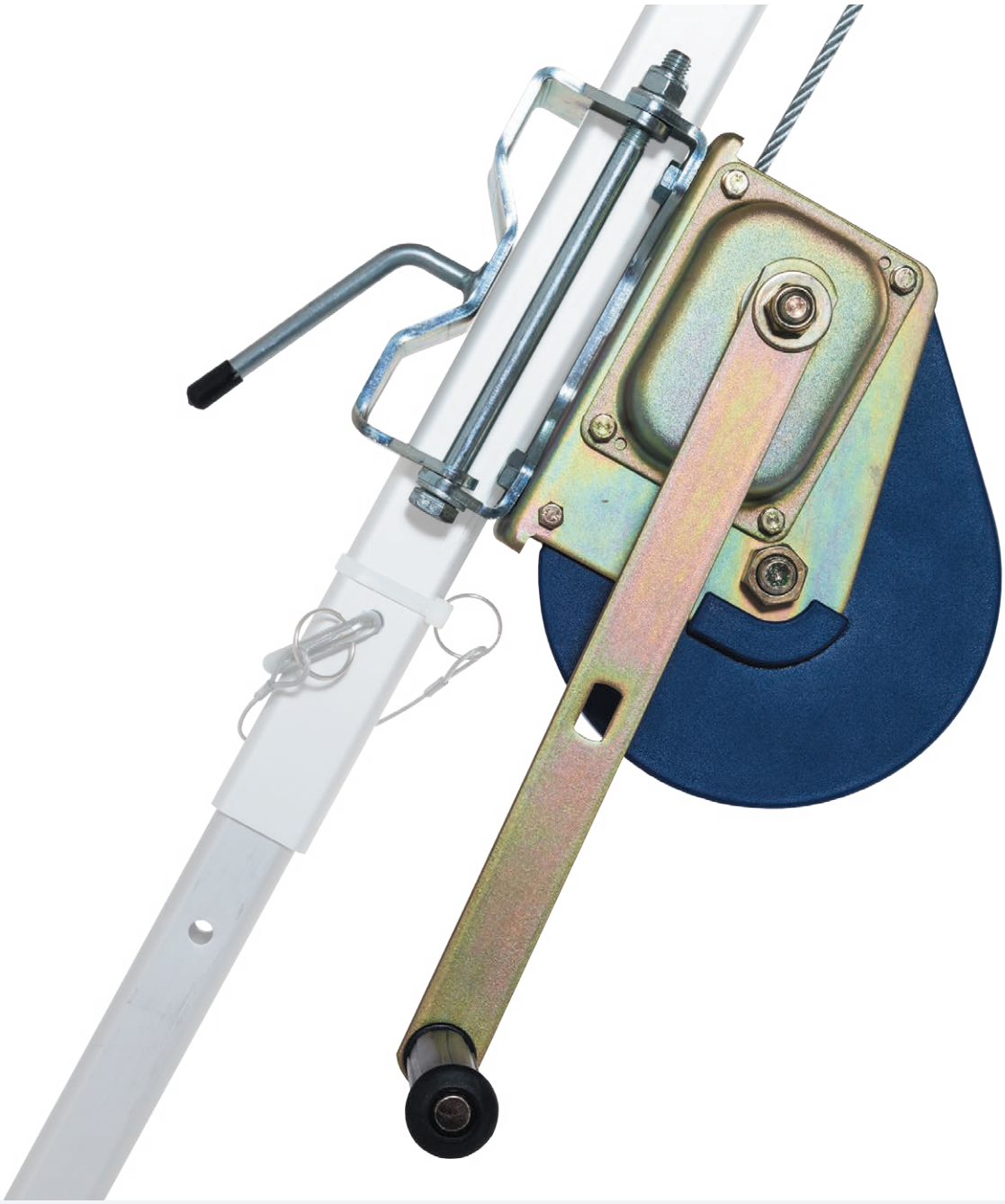
EN 1496/B
EN 360

CE

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:

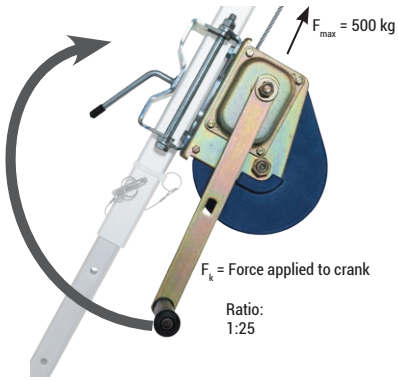
1 : 25

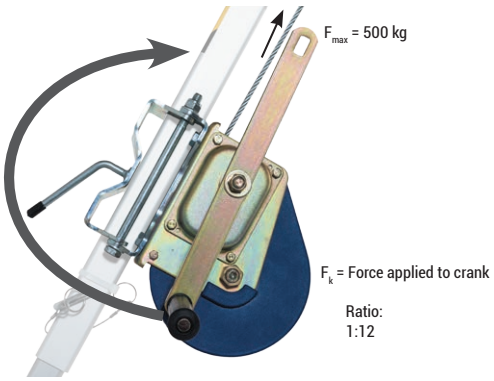
Variant 2:

1 : 12

DESCRIPTION OF DEVICE:

- RUP 502-T is a winch equipped with clamp for mounting on tripod 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 on the drum per 5 turns of the winch's crank;
- The crank arm is available in 2 lengths which, depending on the variant chosen, enable torque adjustment;





LOADS:

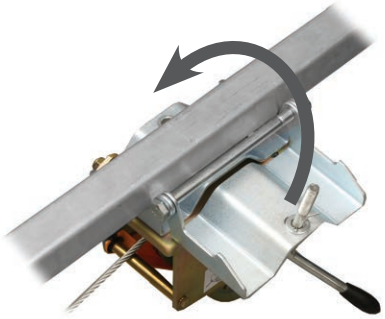
Variant 1:

At load weight (Fmax) of 500 kg force applied to the crank (Fk) shall be 20 kG.

Variant 2:

At load weight (Fmax) of 500 kg force applied to the crank (Fk) shall be 41.6 kG.

1.



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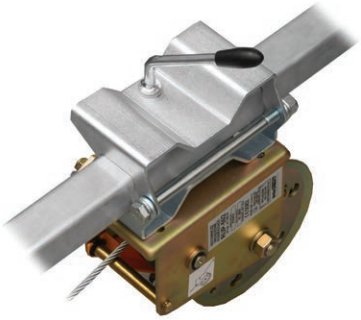


ASSEMBLY:

Simple mounting of the winch on the tripod 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

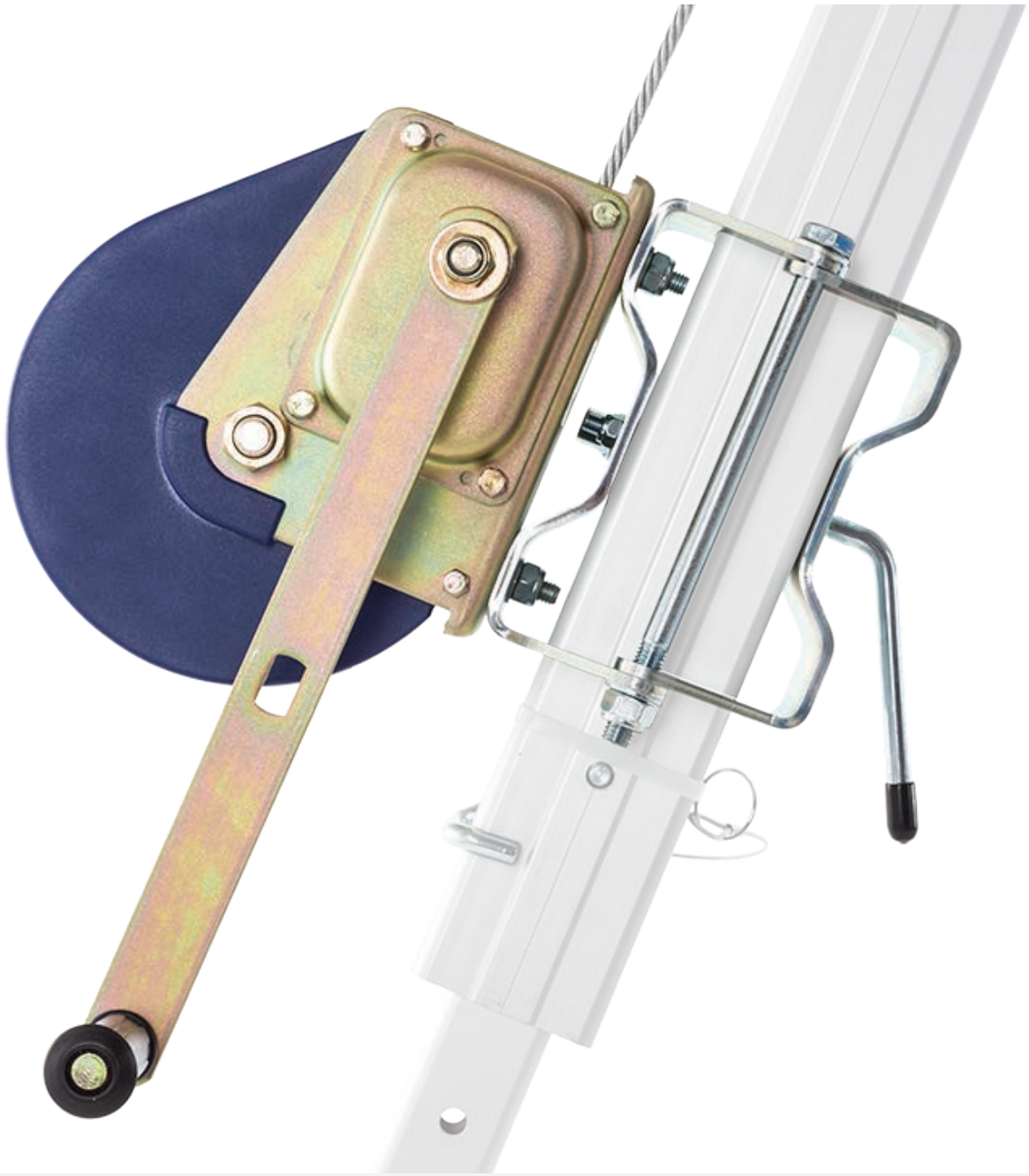
Ex

CE

Capacity of up to 500 kg

LIFTING DEVICE **RUP 502-AT**

Compatible with tripod type:
TM 6-T
TM 11-T2
TM 12
TM 12-2
TM 13-T



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

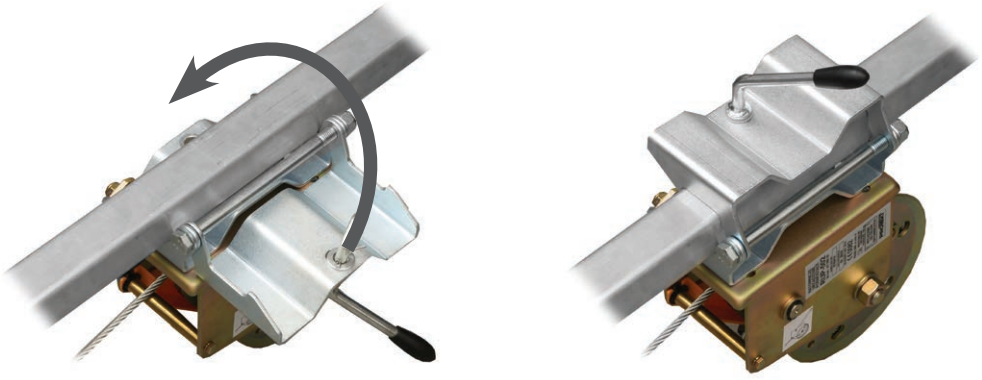
Variant 2:

1 : 12

DESCRIPTION OF DEVICE:

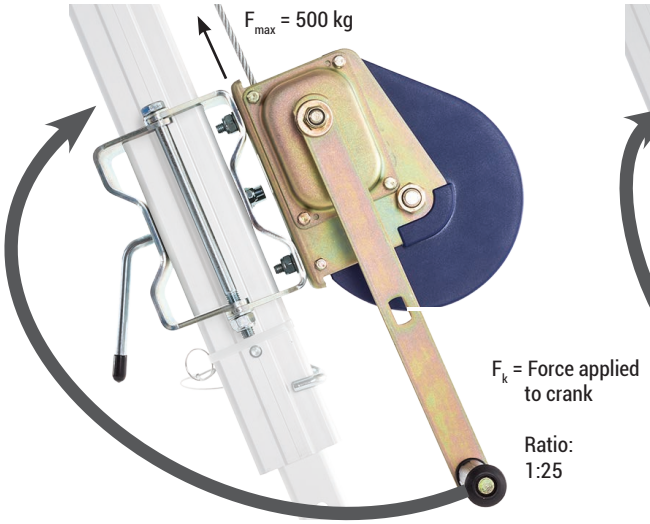
- RUP 502-AT is a winch equipped with clamp for mounting on tripod's leg. The winch is equipped with six-strand steel cable with natural fibre kern of 25 m in length and 6.3 mm in diameter;
- Intended for lifting loads with weight of up to 500 kg;
- With the ratio used in the mechanism it is possible to make one turn of the 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:



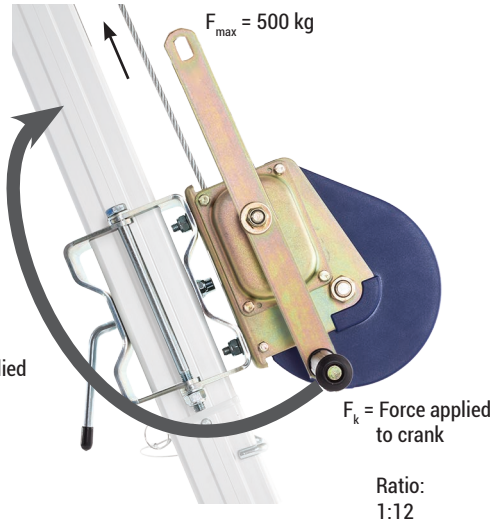
Mounting winch on tripod's leg – clamp opened and closed.

LOADS:



Variant 1:

At load weight (Fmax) of 500 kg force applied to the crank (Fk) shall be 20 kG.



Variant 2:

At load weight (Fmax) of 500 kg force applied to the crank (Fk) 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

Ex

CE

Capacity of up to 500 kg

LIFTING DEVICE **RUP 502-BT**

Compatible with tripod type: TM 7-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:

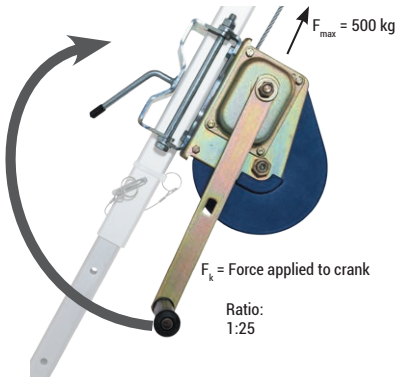
1 : 25

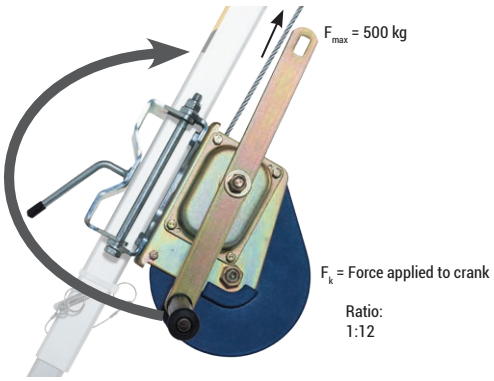
Variant 2:

1 : 12

DESCRIPTION OF DEVICE:

- RUP 502-BT is a winch equipped with clamp for mounting on tripod 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 the drum per 5 turns of the winch's crank;
- The crank arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.





LOADS:

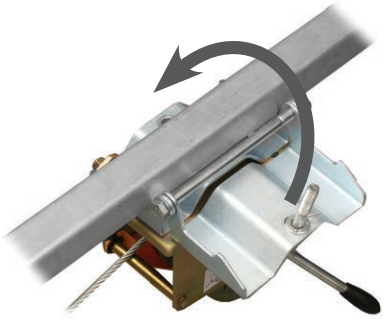
Variant 1:

At load weight (Fmax) of 500 kg force applied to the crank (Fk) shall be 20 kG.

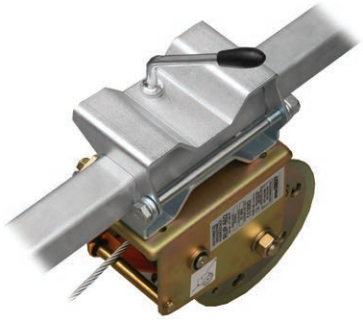
Variant 2:

At load weight (Fmax) of 500 kg force applied to the crank (Fk) shall be 41.6 kG.

1.



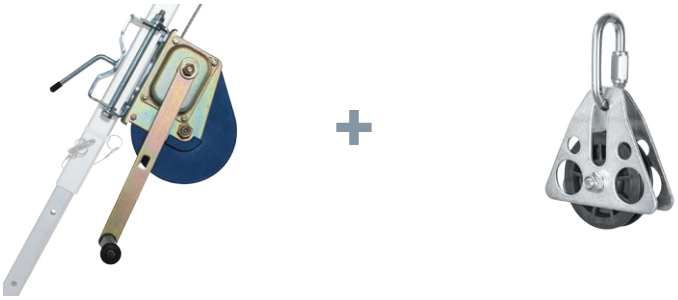
2.



ASSEMBLY:

Simple mounting of the winch on the tripod 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

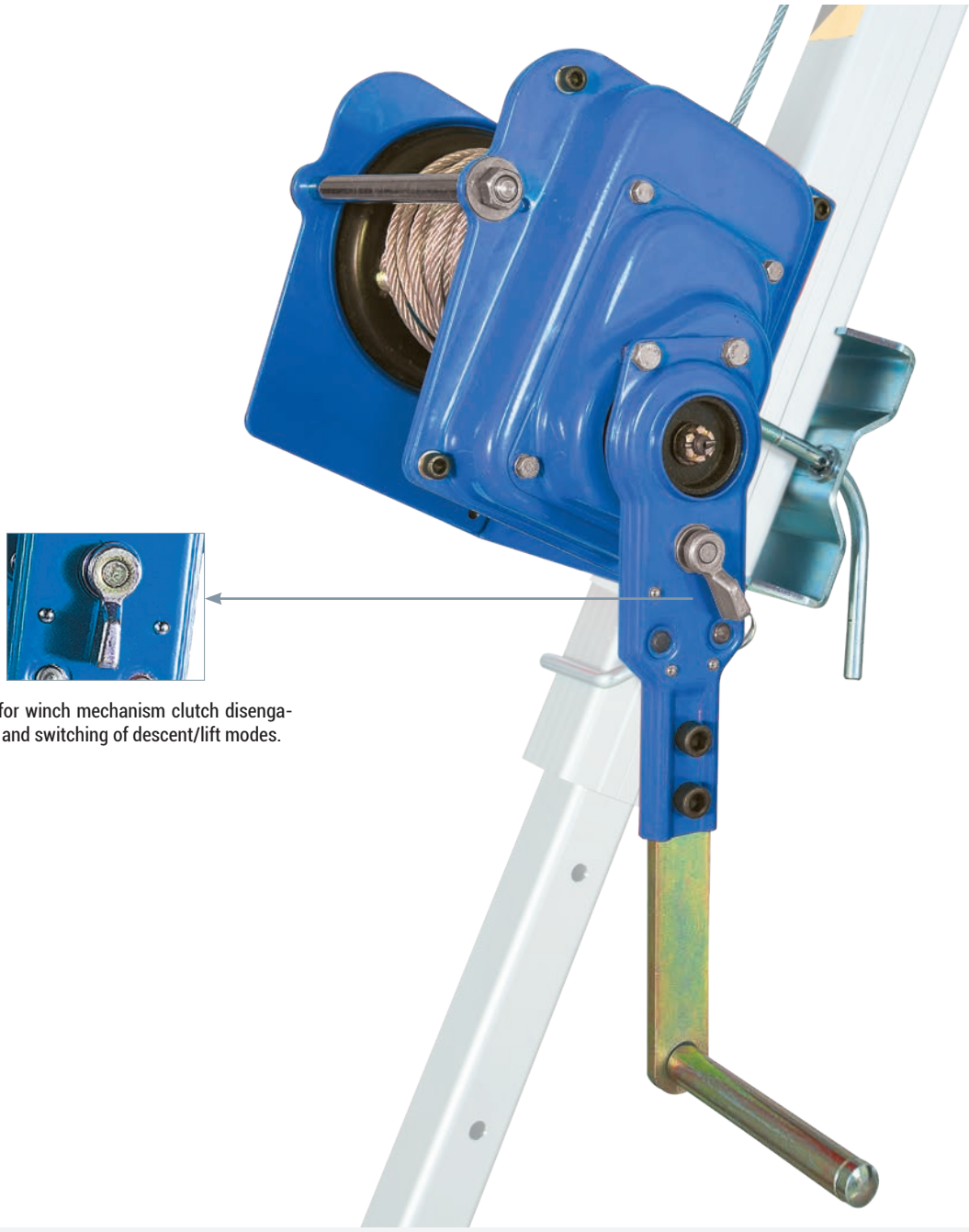
Ex

CE

Capacity of up to 500 kg

LIFTING DEVICE **RUP 503-T**

Compatible with tripod type: TM 6-T
TM 12
TM 12-2
TM 13-T



Switch for winch mechanism clutch disengagement and switching of 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

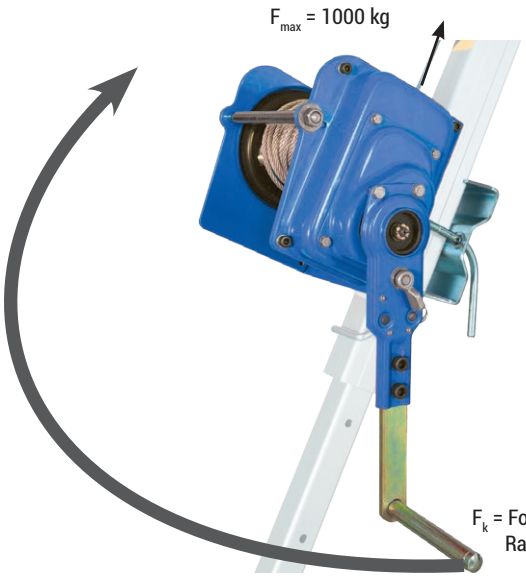
DESCRIPTION OF DEVICE:

- RUP 503-T is a winch equipped with clamp for mounting on tripod 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 the drum per 22.2 turns of the winch's crank;
- Crank arm can be disassembled for easier transport.

ASSEMBLY:

Mounting winch on tripod leg – clamp opened and closed.

LOADS:



At load weight (Fmax) of 1000 kg force applied to the crank (Fk) shall be 12 kG.

MAIN FEATURES:

Winch weight:	22,5 kg to 26,2 kg
Cable diameter:	25 m, 35 m, 45 m or 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

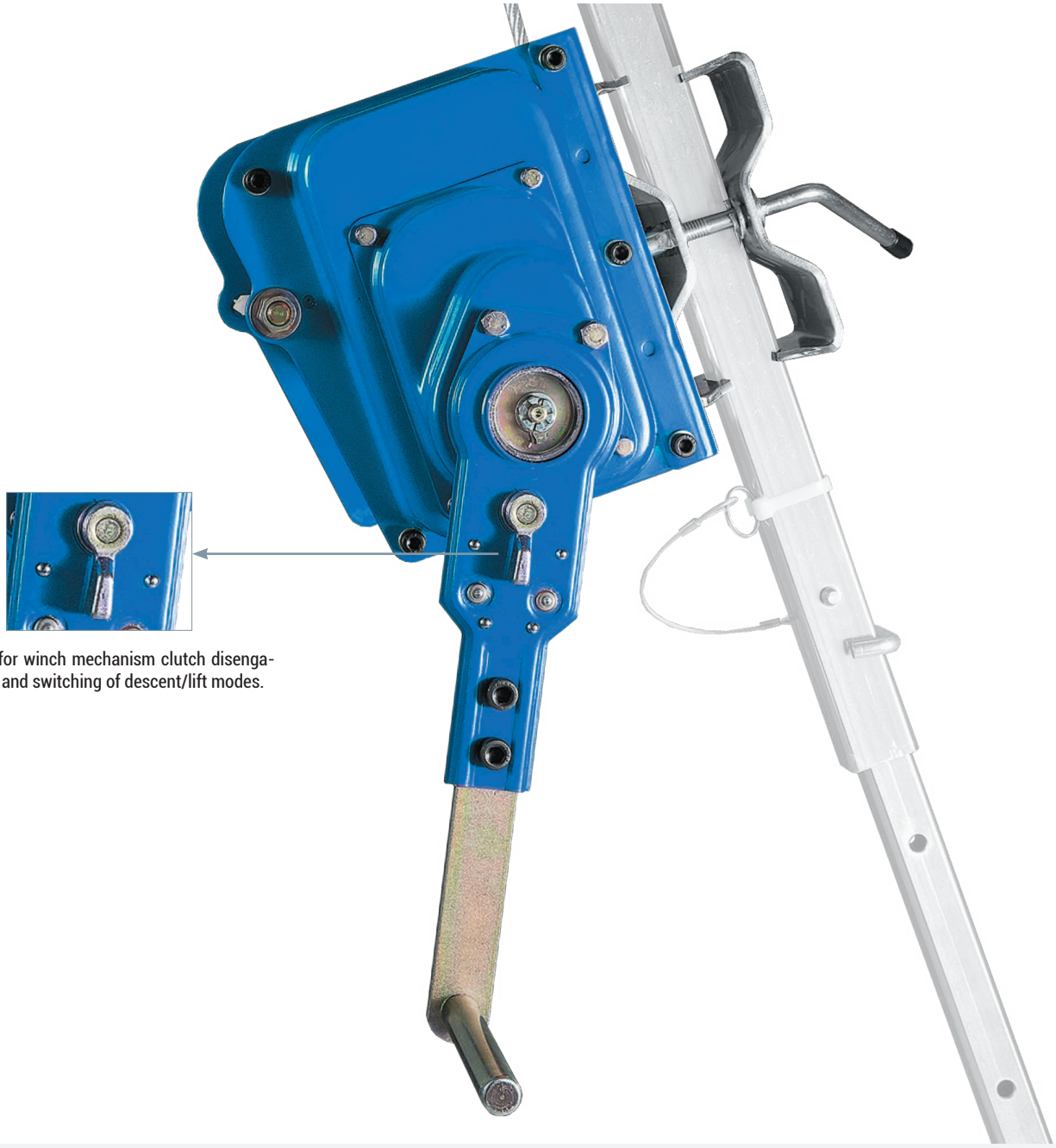
Ex

CE

Capacity of up to 1000 kg

LIFTING DEVICE **RUP 503-BT**

Compatible with tripod type: TM 7-T



Switch for winch mechanism clutch disengagement and switching of 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:

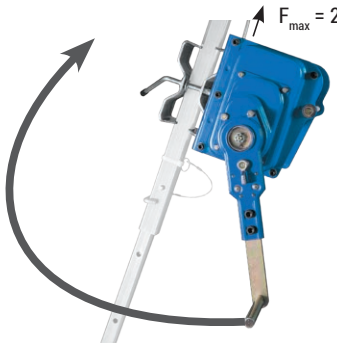
1 : 83,3

Accessories:

- Pulley PL 101

DESCRIPTION OF DEVICE:

- RUP 503-BT is a winch equipped with clamp for mounting on tripod 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 the drum per 22.2 turns of the winch's crank;
- Crank arm can be disassembled for easier transport.



LOADS:

At load weight (Fmax) of 200 kg force applied to the crank (Fk) shall be 7.41 kG.

1.

2.

ASSEMBLY:

Simple mounting of the winch on the tripod 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 to 26,2 kg
Cable diameter:	25 m, 35 m, 45 m or 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

Ex

CE

Capacity of up to 1000 kg

PL 101

CABLE DIAMETER:

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

WORK LOAD:

- ↓ Permissible work load: 10 kN

TU 415

CABLE DIAMETER:

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

WORK LOAD:

- ↓ Permissible work load: 10 kN

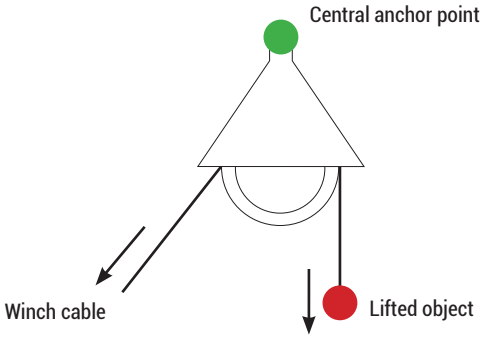
TU 416

CABLE DIAMETER:

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

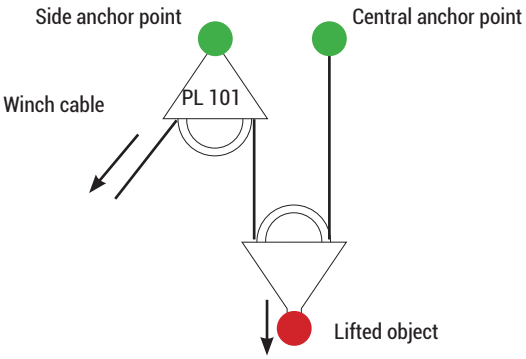
WORK LOAD:

- ↓ Permissible work load: 20 kN



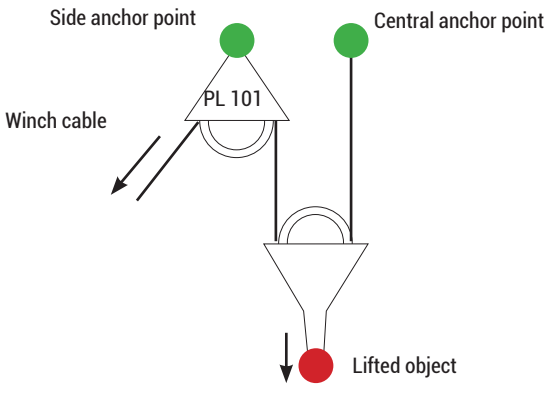
PL 101

Basic pulley of 90 mm in diameter attached at anchor point on the tripod 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 lowering 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 mechanism ratio 2:1 enables reduction of the force required to lift a given load, thus allowing for lifting of 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 up to 1000 kg.



TU 416

Pulley TU 416 with steel hook is used for lifting and lowering 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 mechanism ratio 2:1 enables reduction of the force required to lift a given load, thus allowing for lifting of 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
Pulley wheel 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®

TRIPOD SETS

REVIEW OF TRIPODS AND WINCHES

		TM 1	TM 6	TM 6 – T	TM 7	TM 7 – T	TM 9	TM 9 – L	TM 9 – T	TM 9 – W	TM 11 – T2	TM 12	TM 12 – 2	TM 13	TM 13 – T	TM 14 – SB TM 14 – ZSE	ACCESOR-RIES	WINCH TYPE
RUP 502	RUP 502	✓					✓	✓		✓							PL 101 + SDW	rescue 140 kg
	RUP 502-A		✓									✓	✓	✓		✓	SDW	rescue 140 kg
	RUP 502-AT			✓							✓	✓	✓		✓		-	material 500 kg
	RUP 502-B				✓												PL 101 + SDW	rescue 140 kg
	RUP 502-BT					✓											PL 101	material 500 kg
	RUP 502-T								✓								PL 101	material 500 kg
RUP 503	RUP 503		✓									✓	✓	✓		✓	PL 101	rescue 200 kg
	RUP 503-B				✓												PL 101 + SDW	rescue 200 kg
	RUP 503-BT					✓											PL 101	material 1000 kg
	RUP 503-T			✓								✓	✓				-	material 1000 kg
RUP 505	RUP 505						✓	✓		✓							PL 101 + SDW	rescue 150 kg
	RUP 505-A													✓			SDW	rescue 240 kg
CRW 200	CRW 200 + AT173						✓	✓		✓							PL 101	rescue 140 kg
	CRW 200 + AT174		✓									✓	✓	✓		✓	-	rescue 140 kg
	CRW 200 + AZ017		✓		✓		✓	✓				✓	✓	✓			-	rescue 140 kg
CRW 300	CRW 300 + AT171	✓					✓	✓		✓							-	rescue 140 kg
	CRW 300 + AT172		✓									✓	✓	✓		✓	-	rescue 140 kg
	CRW 300 + AZ017		✓		✓		✓	✓				✓	✓	✓			-	rescue 140 kg
MAX NUMBER OF USERS		2	2	-	1	-	1	1	-	1	-	2	2	2	-	2		
MAX LOAD WEIGHT		-	-	1000 kg	-	1000 kg	-	-	500 kg	-	1000 kg	1000 kg	1000 kg	-	1000 kg	-		

TRIPODS

Personal 1 person	Personal 2 persons	Material max 500 kg	Material max 1000 kg	Personal and material max. 1000 kg or 2 persons
TM 7	TM 1	TM 9-T	TM 6-T	TM 12
TM 9	TM 6		TM 7-T	TM 12-2
TM 9-L	TM 13		TM 13-T	
TM 9-W	TM 14 (SB and ZSE)		TM 11-T2	

LIFTING DEVICES

Rescue up to 140 kg	Rescue up to 200 kg	Material max. 500 kg	Material max. 500 kg	Fall arrester 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 505-A (up to 240 KG)	RUP 502-BT		
RUP 505 (up to 150 KG)				

ACCESSORIES

Rope guide AT015-400	Pulley PL 101	Pulley PL 415	Pulley PL 416	Spring absorber	Leg strap for transport AT011-500

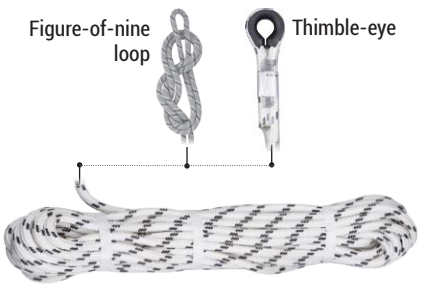
AT011-500
For tripods:

TM 7, TM 7-T,
TM 9,TM 9-T,
TM 9-L, TM 9-W

AT015-500
For tripods:

TM 11-T2,
TM 13,
TM 13-T

Rope for lifting device RUP 505 and RUP 505-A



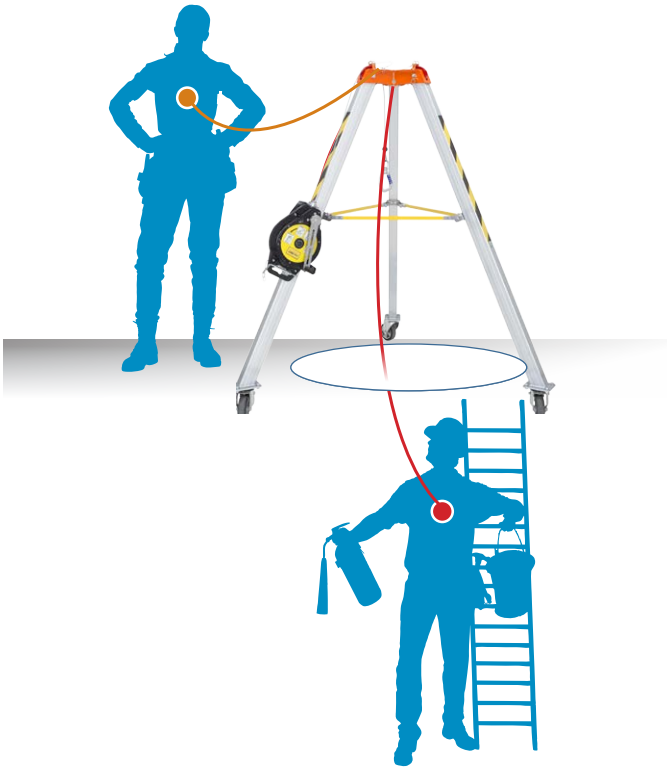
2 types of work rope terminations are recommended, using figure-of-nine loop to be used with tripods **TM 9 and TM 9-W**, and thimble-eye with tripods **TM 9, TM 9-W and TM 13**.

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 which the pulling force can be increased against reducing the rope length twice. Most of the combinations require additional use of spring-type energy absorber SDW. We also recommend an optional leg strap intended to lock the legs of the folded tripod and thus facilitate its transport.

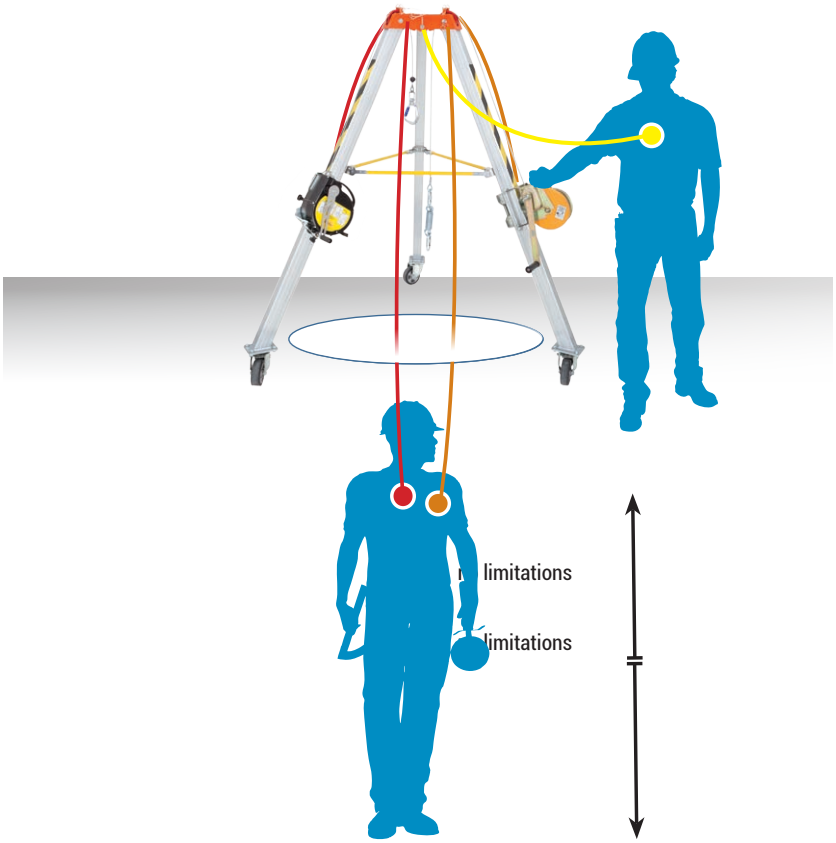
EXAMPLE USES OF TRIPOD SETS

USE OF THE TRIPOD WITHOUT LIFTING DEVICES AS A MOBILE ANCHOR POINT.

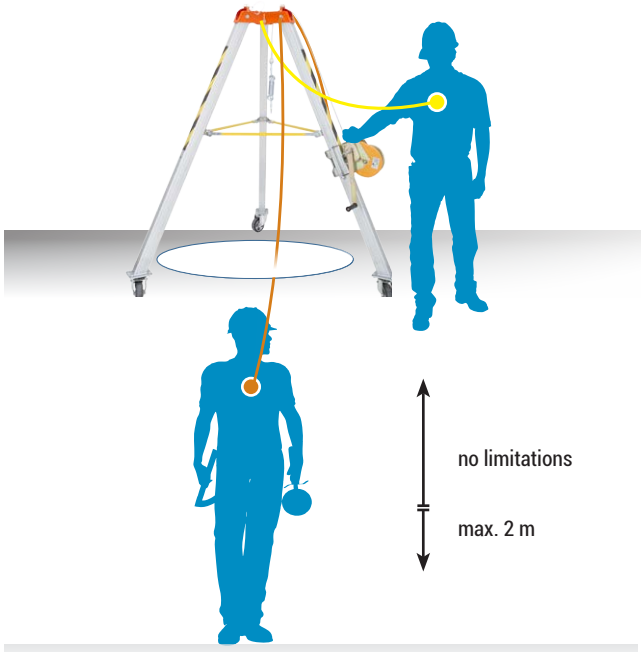
USE OF TRIPOD AND RETRACTABLE TYPE FALL ARRESTER WITH RESCUE LIFTING DEVICE FUNCTION TO SAFEGUARD A WORKER (WITH POSSIBILITY OF INSTANT EVACUATION).



USE OF THE TRIPOD WITH LIFTING DEVICE AND RETRACTABLE TYPE FALL ARRESTER TO LIFT/LOWER A WORKER.

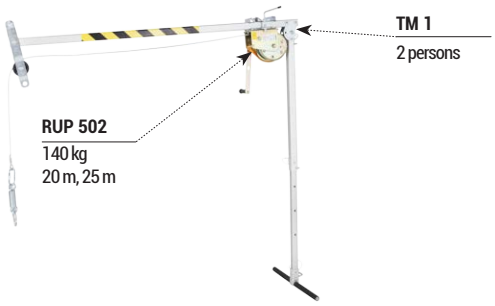


USE OF TRIPOD WITH LIFTING DEVICE TO LIFT/LOWER A WORKER.

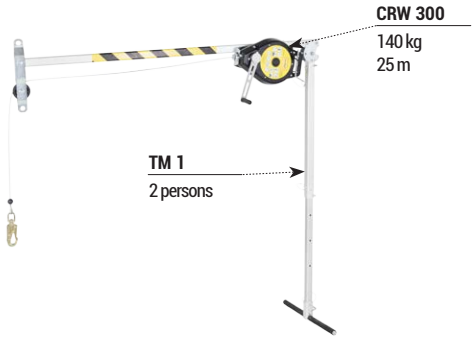


TM 1 and TM 6 - TRIPOD SETS with CE

TM 1 + RUP 502



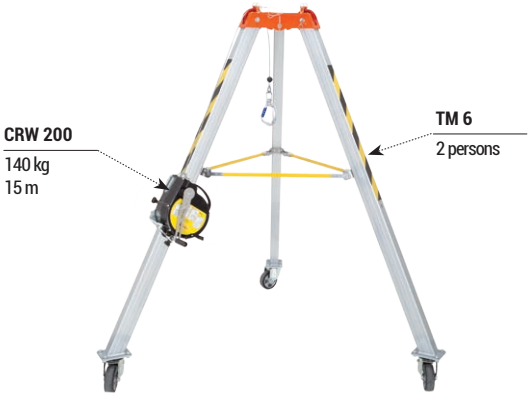
TM 1 + CRW 300



TM 6 + RUP 502-A

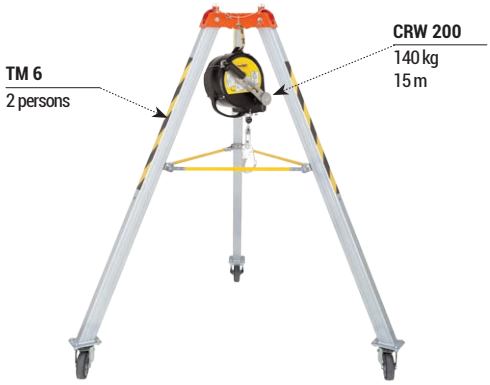
TM 6 + RUP 503

TM 6 + CRW 200 + AT174



TM 6 + CRW 300 + AT172

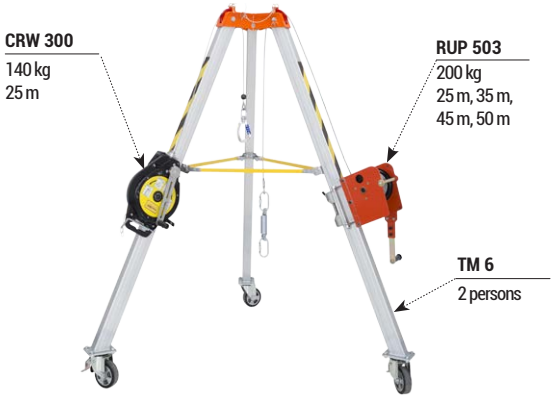
TM 6 + CRW 200 + AZ017



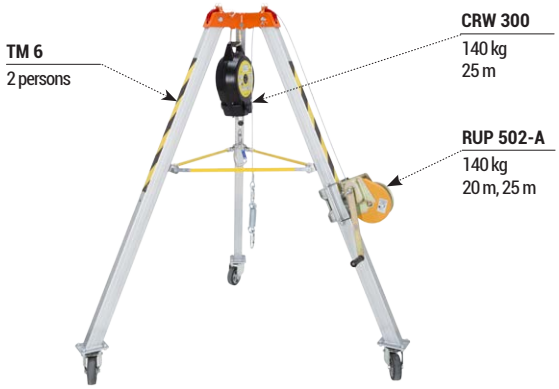
TM 6 + CRW 300 + AZ017

TM 6 + RUP 502-A + CRW 300 + AT172

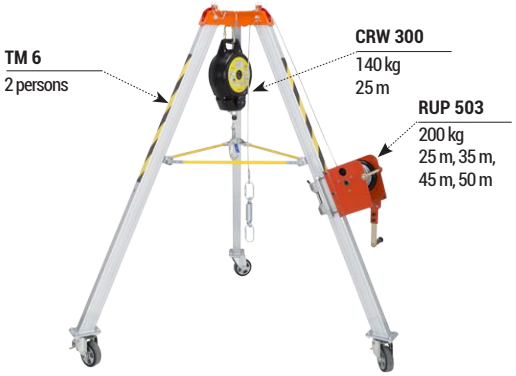
TM 6 + RUP 503 + CRW 300 + AT172



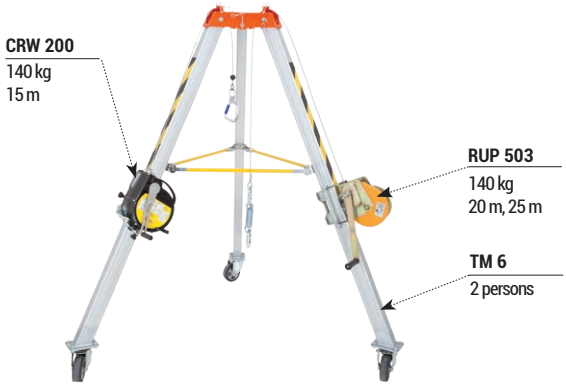
TM 6 + RUP502-A + CRW 300 + AZ017



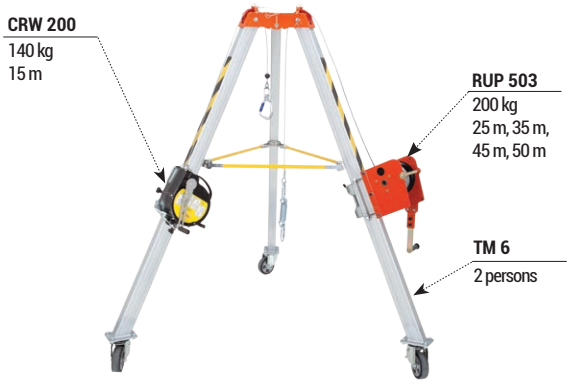
TM 6 + RUP 503 + CRW 300 + AZ017



TM 6 + RUP 502-A + CRW 200 + AT174

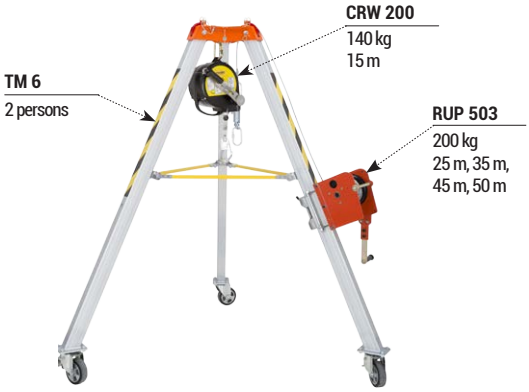


TM 6 + RUP 503 + CRW 200 + AT174



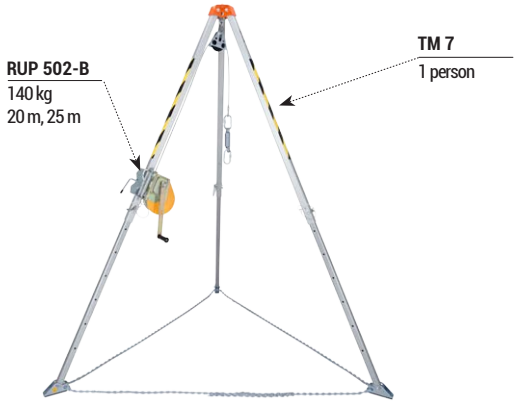
TM 6 + RUP 502-A + CRW 200 + AZ017

TM 6 + RUP 503 + CRW 200 + AZ017

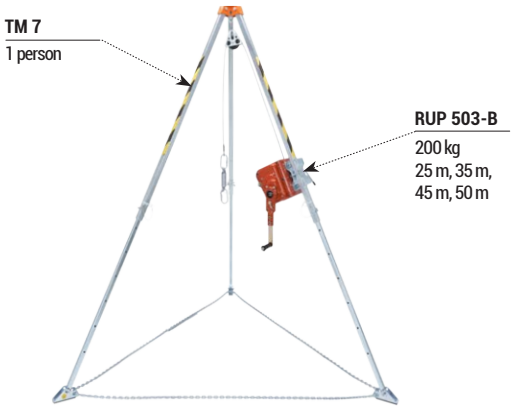


TM 7 - TRIPOD SETS with CE

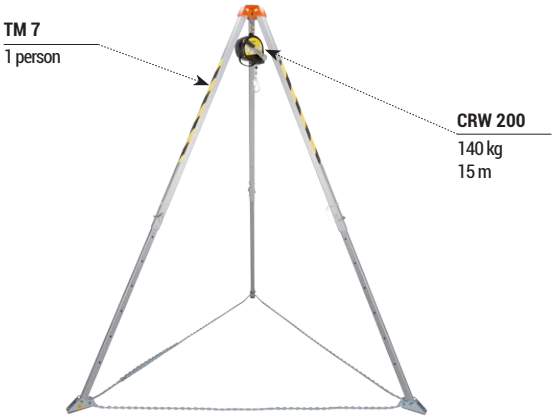
TM 7 + RUP 502-B



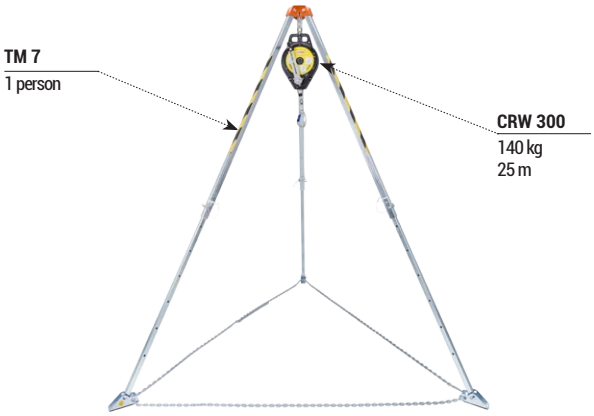
TM 7 + RUP 503-B



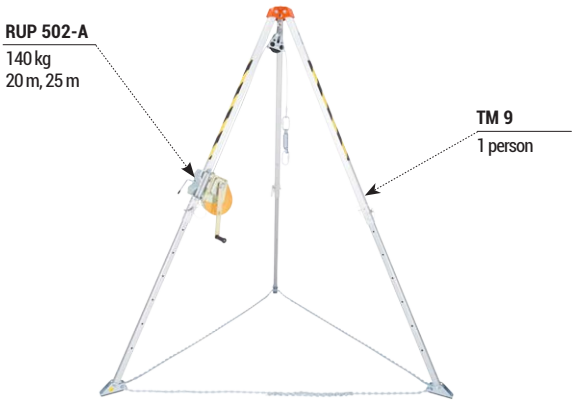
TM 7 + CRW 200 + AZ017



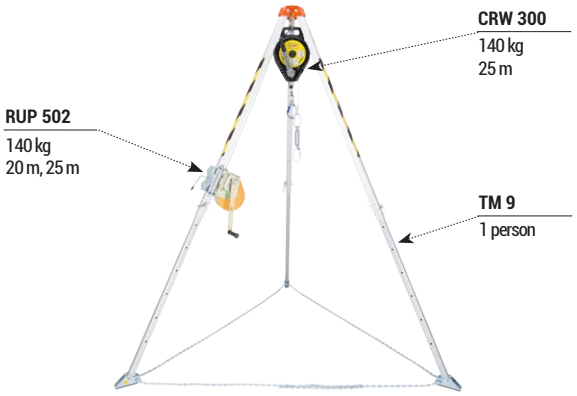
TM 7 + CRW 300 + AZ017



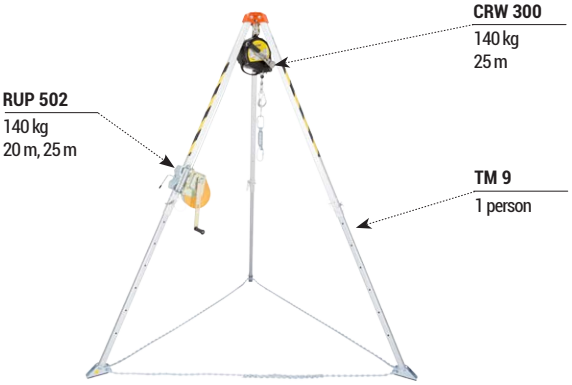
TM 9 + RUP 502



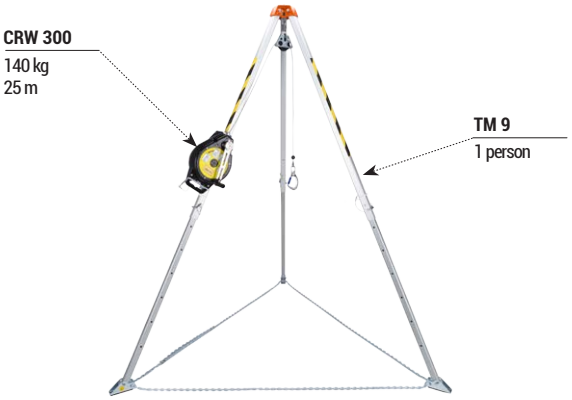
TM 9 + RUP 502 + CRW 300 + AZ017



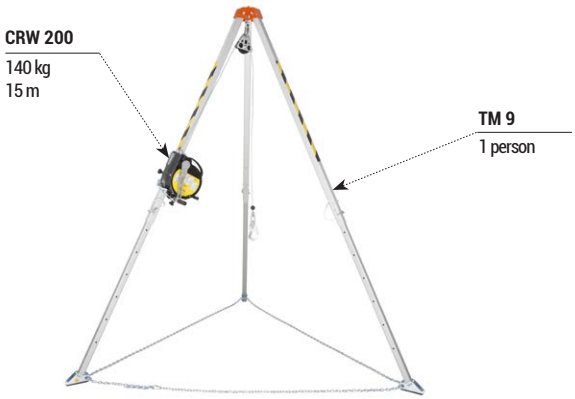
TM 9 + RUP 502 + CRW 200 + AZ017



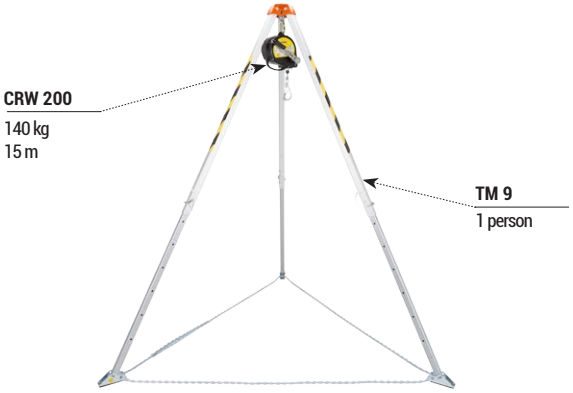
TM 9 + CRW 300 + AT171



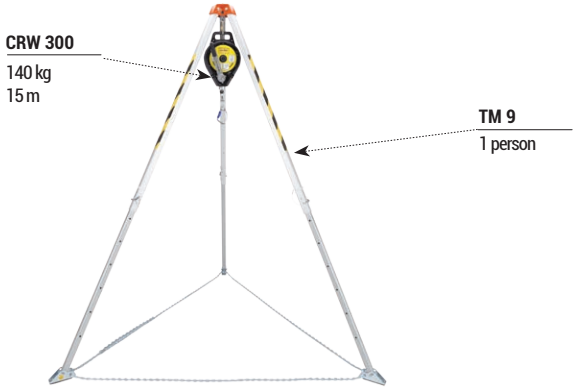
TM 9 + CRW 200 + AT173



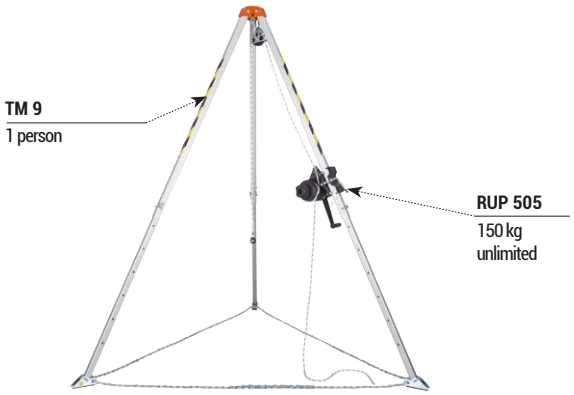
TM 9 + CRW 200 + AZ017



TM 9 + CRW 300 + AZ017

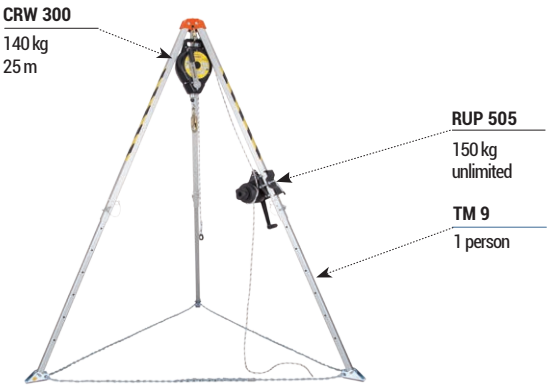


TM 9 + RUP 505

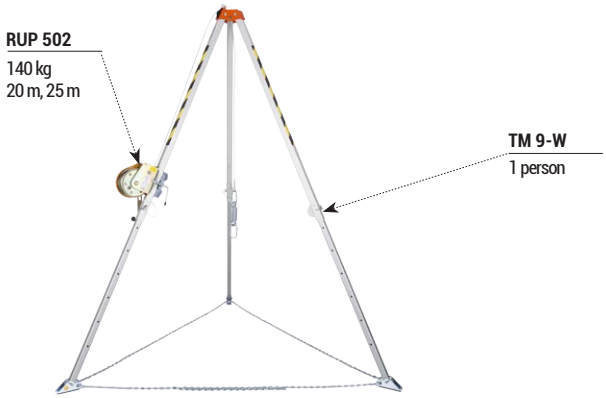


TM 9 + RUP 505 + CRW 200 + AZ 017

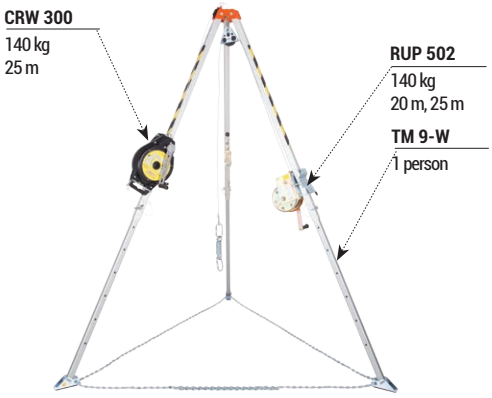
TM9 + RUP 505 + CRW 300 + AZ017



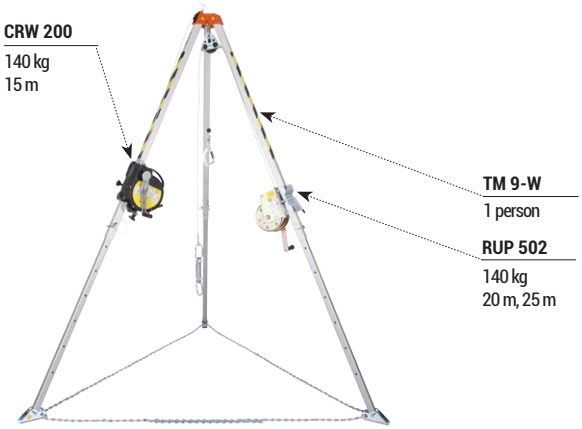
TM 9-W + RUP 502



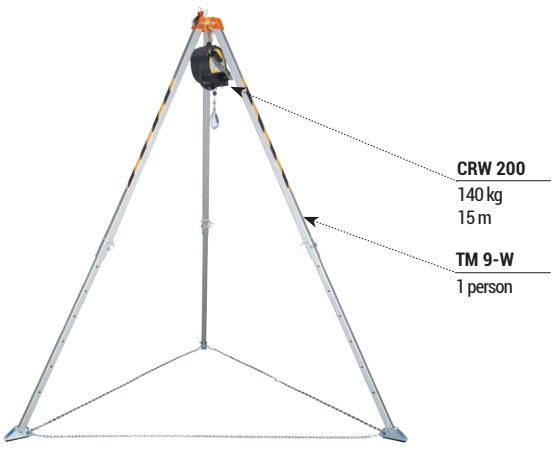
TM 9-W + RUP 502 + AT171 + CRW 300



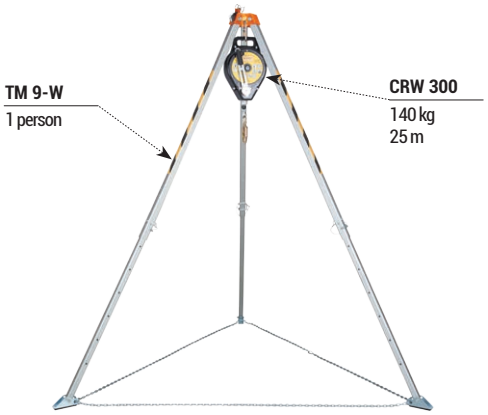
TM 9-W + RUP 502 + CRW 200 + AT173



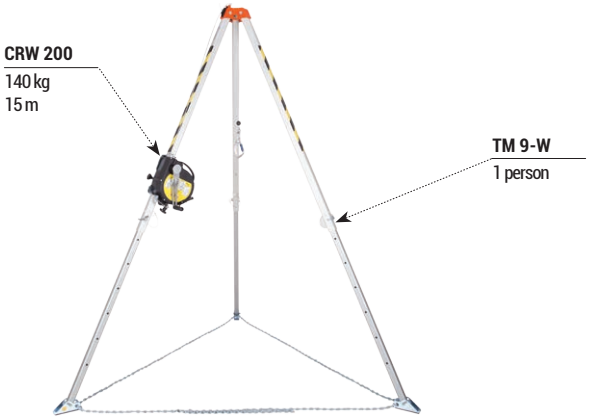
TM 9-W + CRW 200 + AZ017



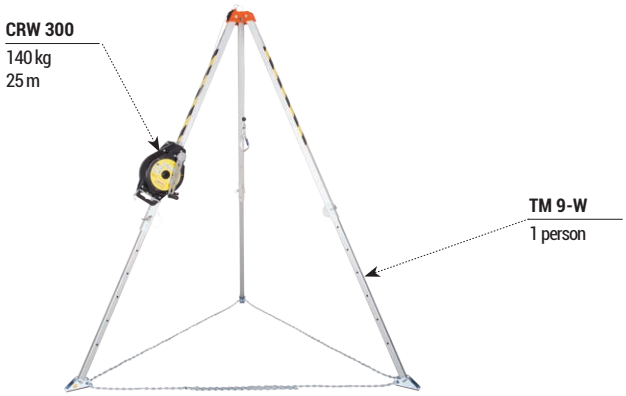
TM 9-W + CRW 300 + AZ017



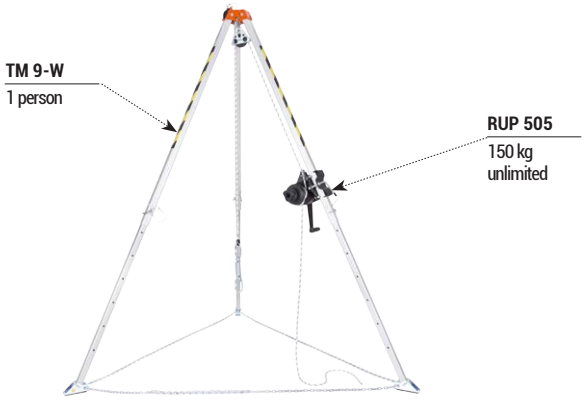
TM 9-W + CRW 200 + AT173



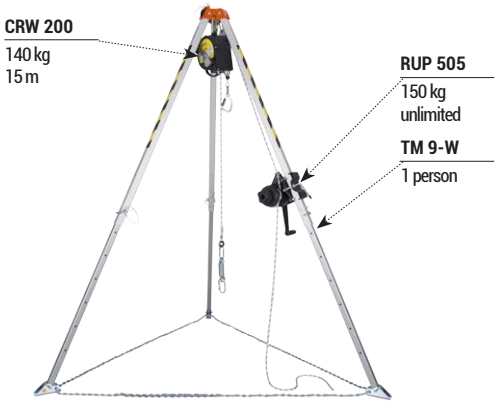
TM 9-W + CRW 300 + AT171



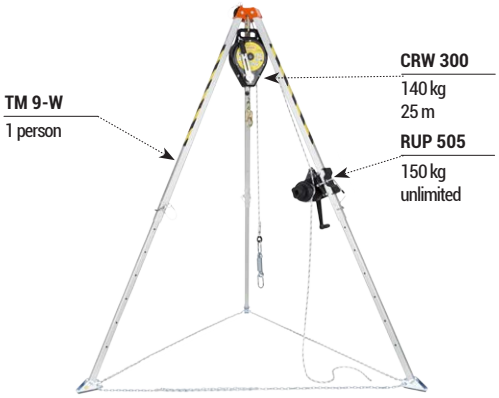
TM 9-W + RUP 505



TM 9-W + RUP 505 + CRW 200

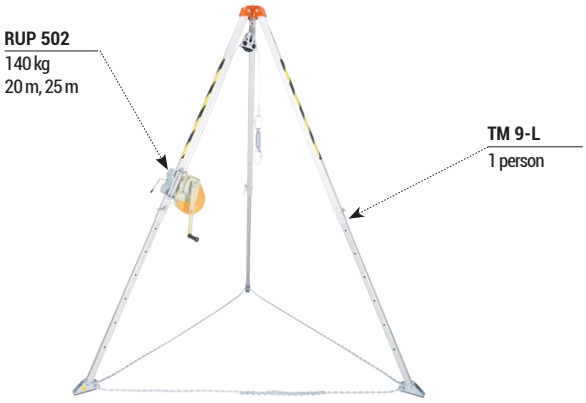


TM 9-W + RUP 505 + CRW 300

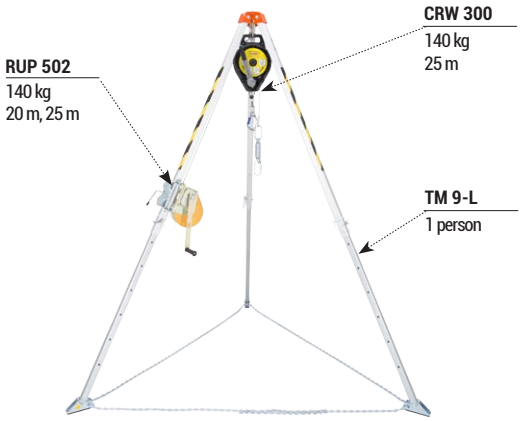


TM 9-L - TRIPOD SETS with CE

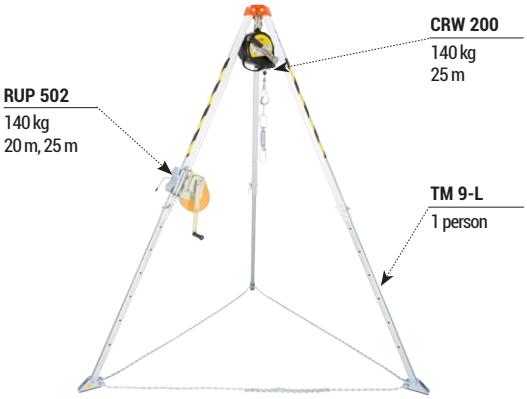
TM 9-L + RUP 502



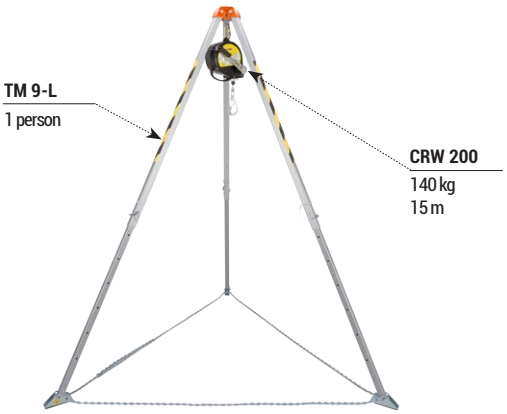
TM 9-L + RUP 502 + CRW 300 + AZ017



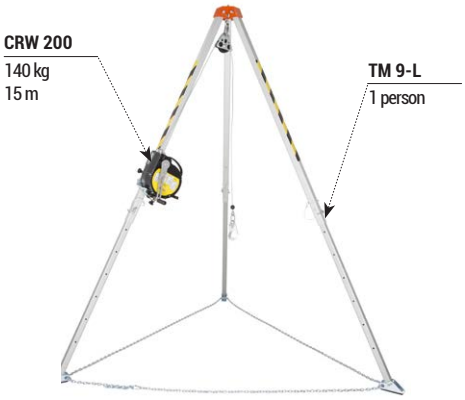
TM 9-L + RUP 502 + CRW 200 + AZ017



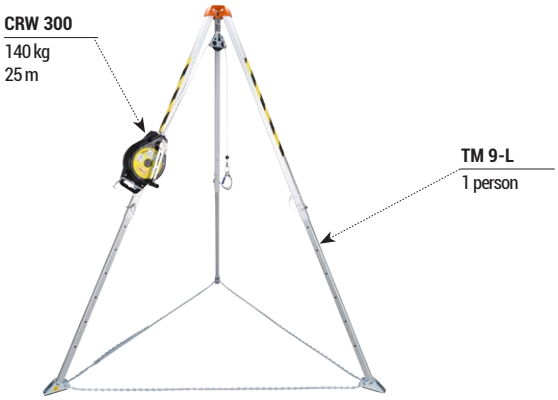
TM 9-L + CRW 200 + AZ017



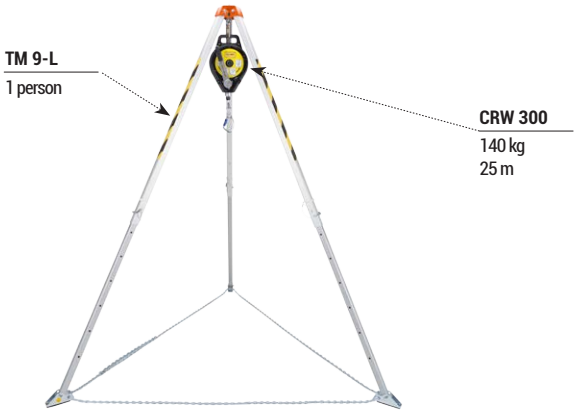
TM 9-L + CRW 200 + AT173



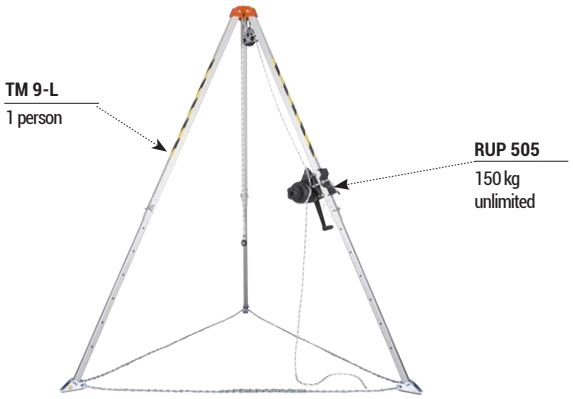
TM 9-L + CRW 300 + AT171



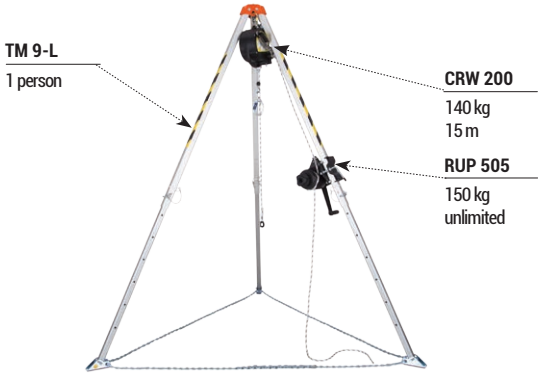
TM 9-L + CRW 300 + AZ017



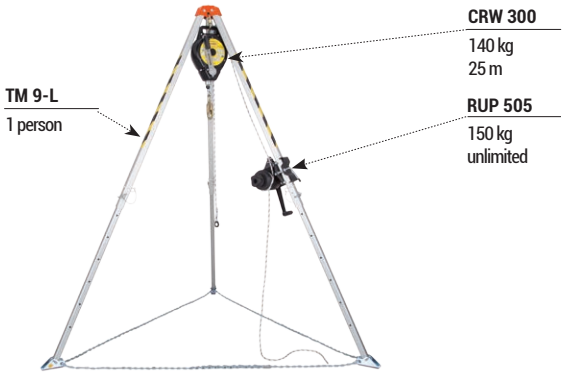
TM 9-L + RUP 505



TM 9-L + RUP 505 + CRW 200 + AZ 017



TM 9-L + RUP 505 + CRW 300 + AZ017



TM 12 + RUP 502-A

TM 12 + RUP 503

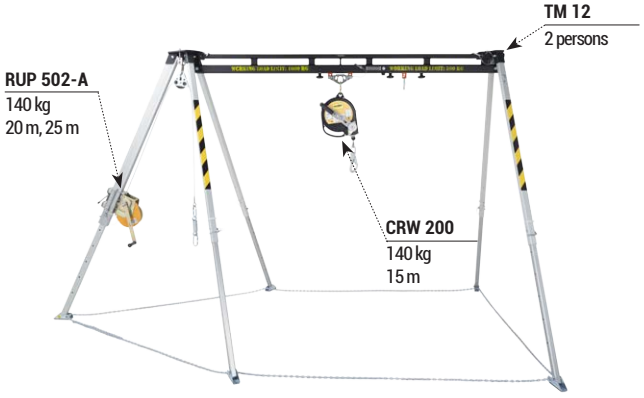
TM 12 + CRW 200 + AZ017

TM 12 + CRW 300 + AZ017

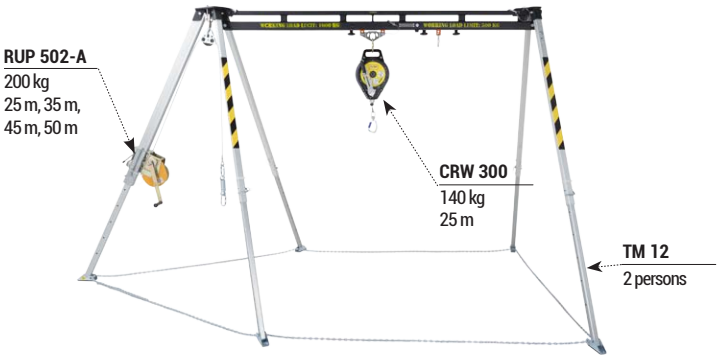
TM 12 + CRW 300 + AT172

TM 12 + CRW 200 + AT174

TM 12 + RUP 502-A + CRW 200 + AZ017



TM 12 + RUP 502-A + CRW 300 + AZ017



TM 12 + RUP 503 + CRW 300 + AZ017

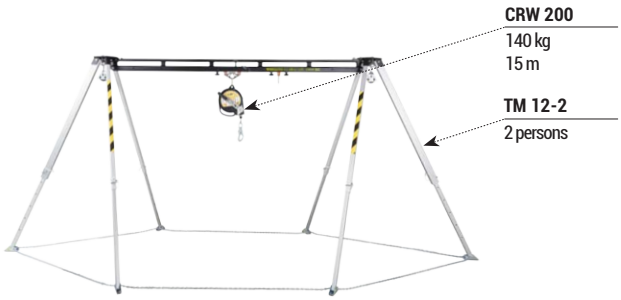
TM 12 + RUP 503 + CRW 200 + AZ017

TM 12-2 + RUP 502-A

TM 12-2 + RUP 503

TM 12-2 + CRW 200 + AT174

TM 12-2 + CRW 200 + AZ017



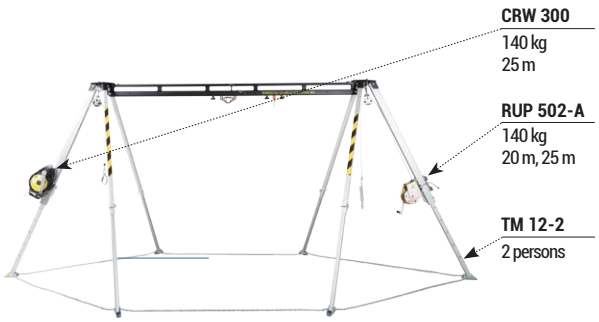
TM 12-2 + CRW 300 + AT172

TM 12-2 + CRW 300 + AZ017

TM 12-2 + RUP 502-A + CRW 300 + AZ017

TM 12-2 + RUP 502-A + CRW 200 + AZ017

TM 12-2 + RUP 502-A + AT172 + CRW 300



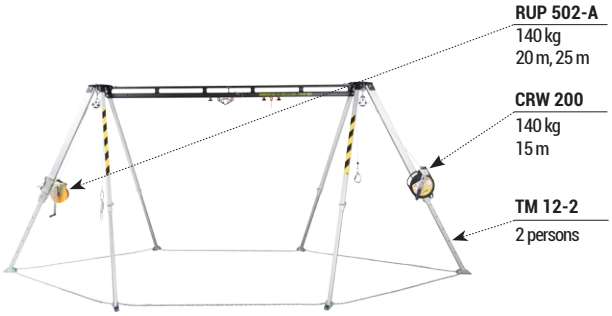
TM 12-2 + RUP 503 + CRW 300 + AZ017

TM 12-2 + RUP 503 + CRW 300 + AT172

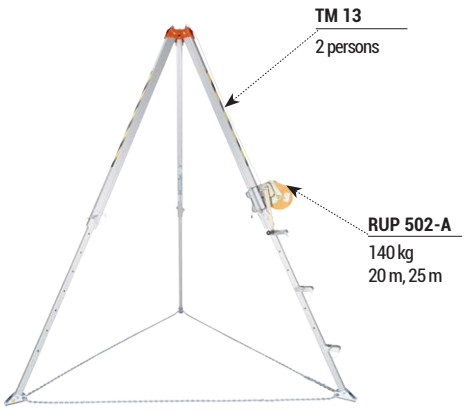
TM 12-2 + RUP 503 + CRW 200 + AZ017

TM 12-2 + RUP 503 + CRW 200 + AT174

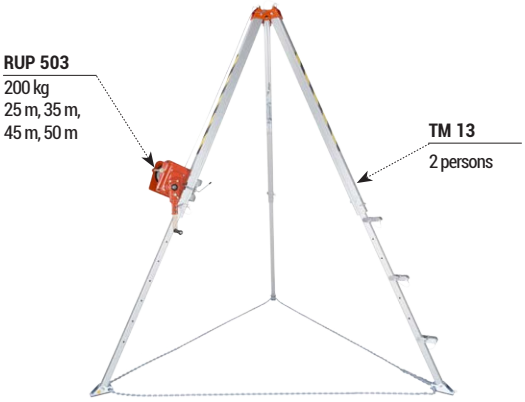
TM 12-2 + RUP 502-A + CRW 200 + AT174



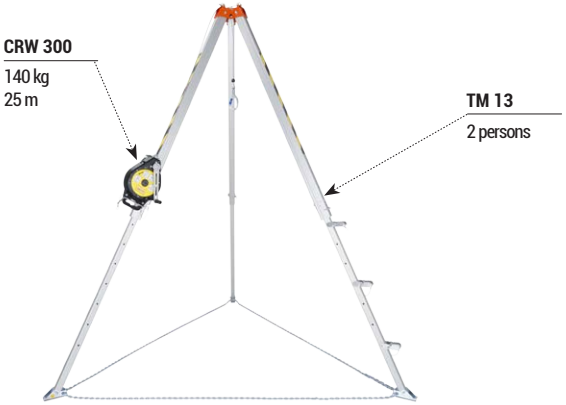
TM 13 + RUP 502-A



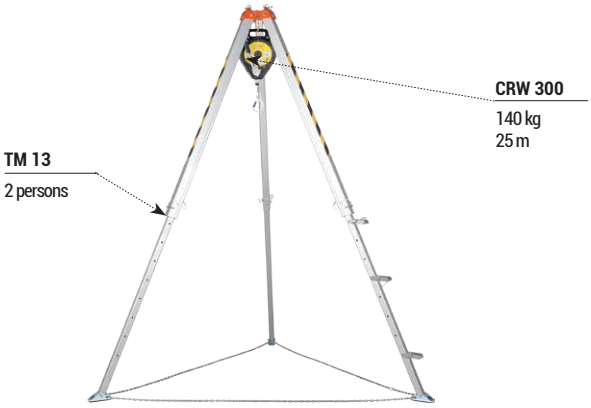
TM 13 + RUP 503



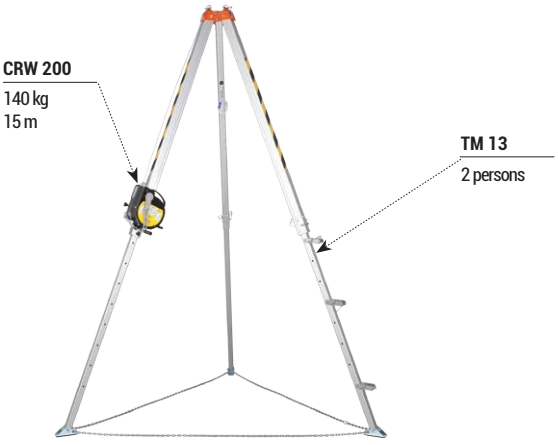
TM 13 + CRW 300 + AT172



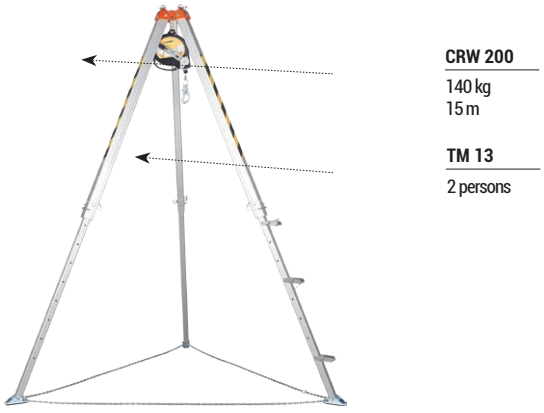
TM 13 + CRW 300 + AZ017



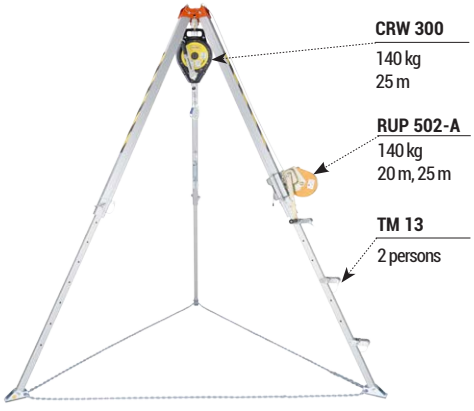
TM 13 + CRW 200 + AT174



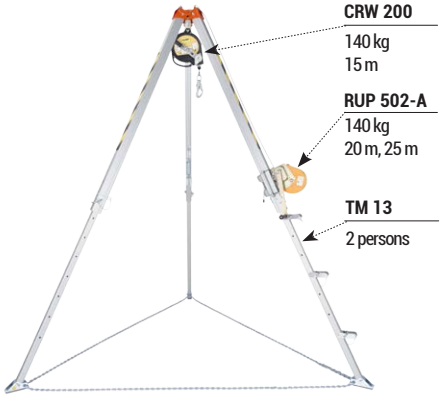
TM 13 + CRW 200 + AZ017



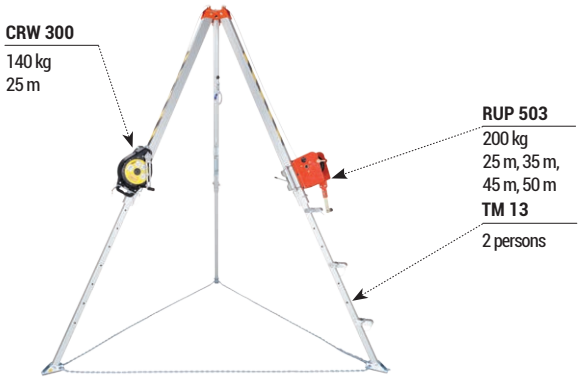
TM 13 + RUP 502-A + CRW 300 + AZ017



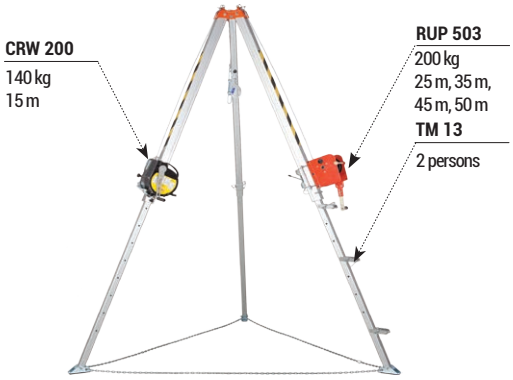
TM 13 + RUP 502-A + CRW 200 + AZ017



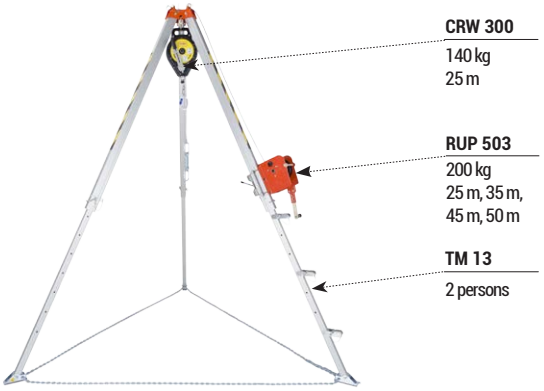
TM 13 + RUP 503 + CRW 300 + AT172



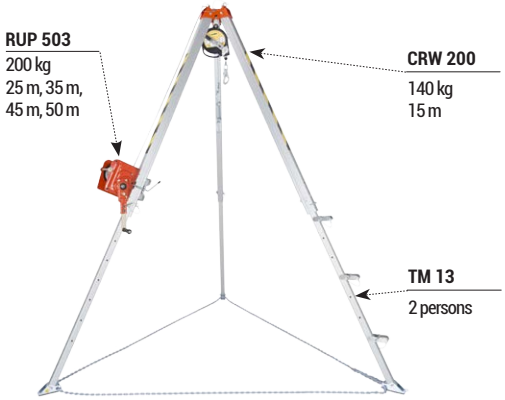
TM 13 + RUP 503 + CRW 200 + AT174



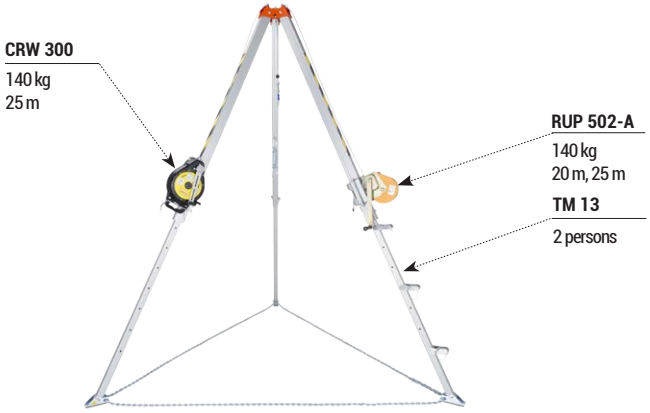
TM 13 + RUP 503 + CRW 300 + AZ017



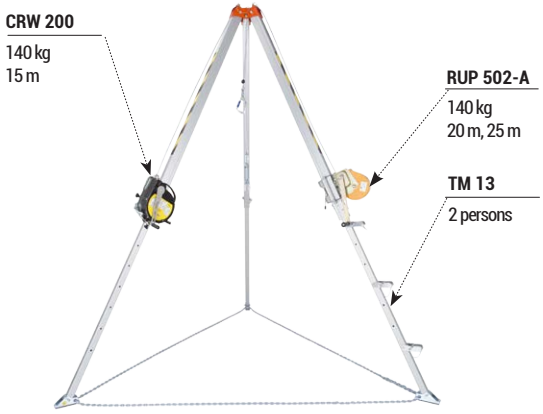
TM 13 + RUP 503 + CRW 200 + AZ017



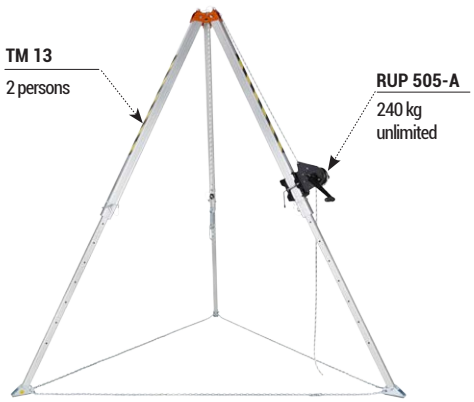
TM 13 + RUP 502-A + CRW 300 + AT172



TM 13 + RUP 502-A + CRW 200 + AT174

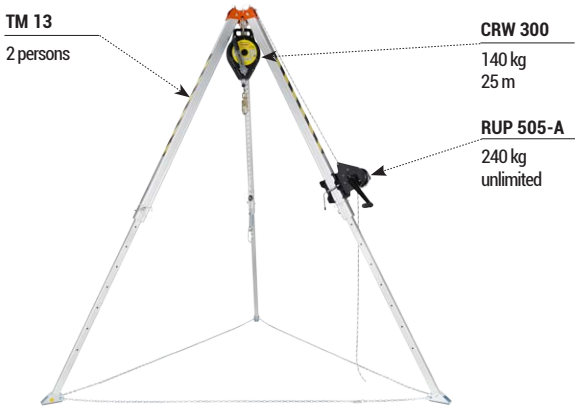


TM 13 + RUP 505-A

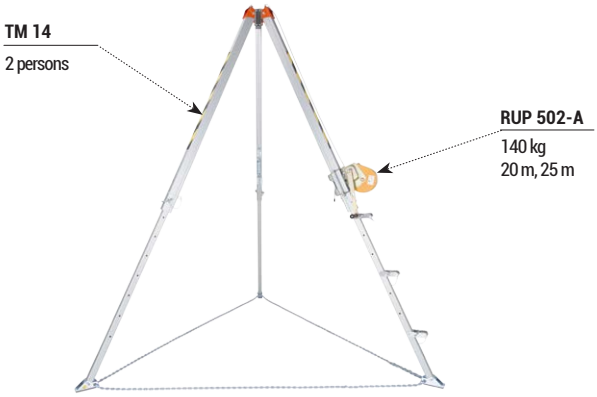


TM 13 + RUP 505-A + CRW 200 + AZ017

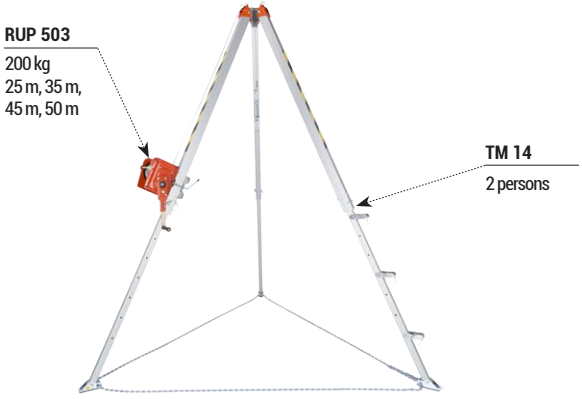
TM 13 + RUP 505-A + CRW300 + AZ017



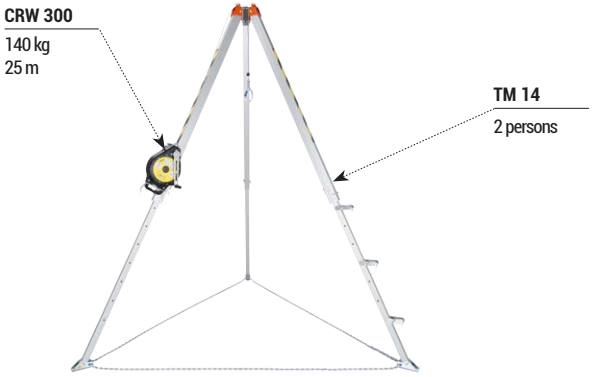
TM 14 + RUP 502-A



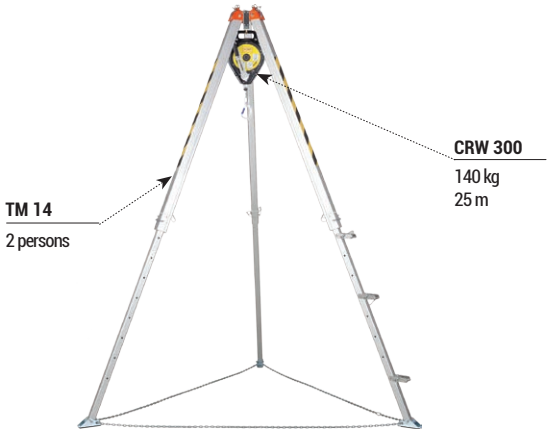
TM 14 + RUP 503



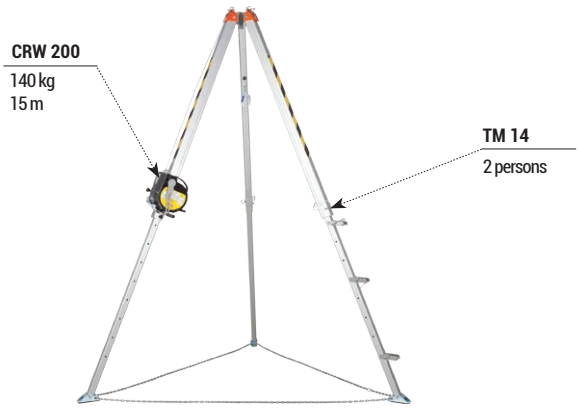
TM 14 + CRW 300 + AT172



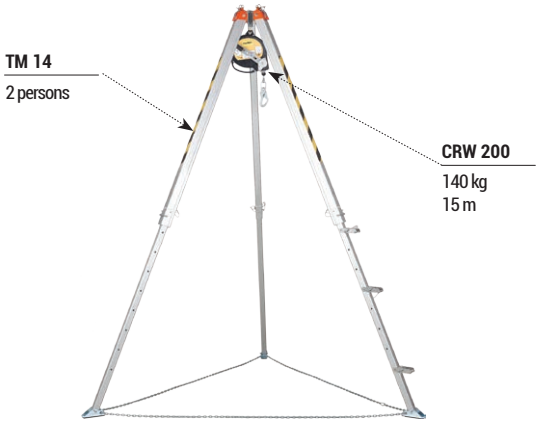
TM 14 + CRW 300 + AZ017



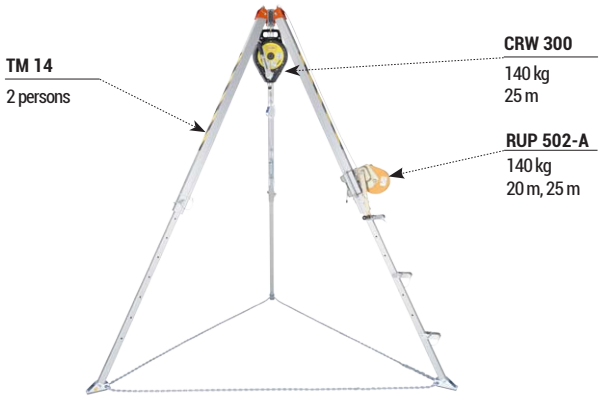
TM 14 + CRW 200 + AT174



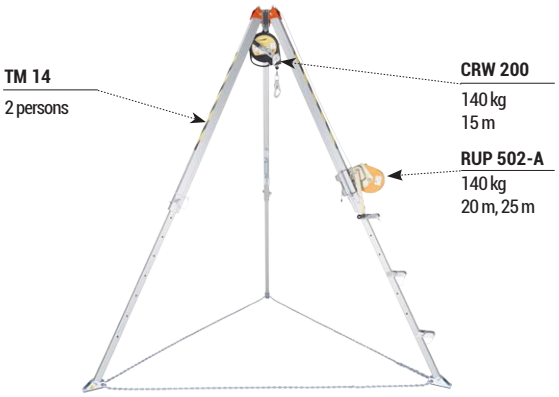
TM 14 + CRW 200 + AZ017



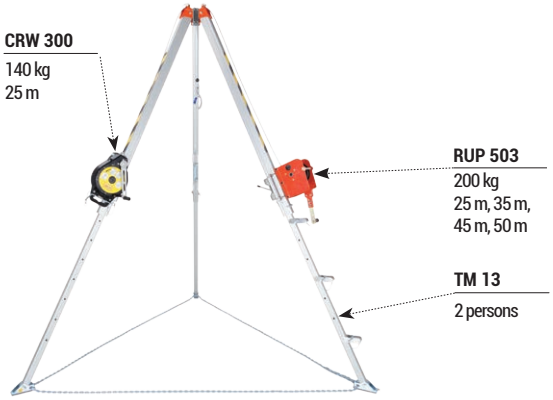
TM 14 + RUP 502-A + CRW 300 + AZ017



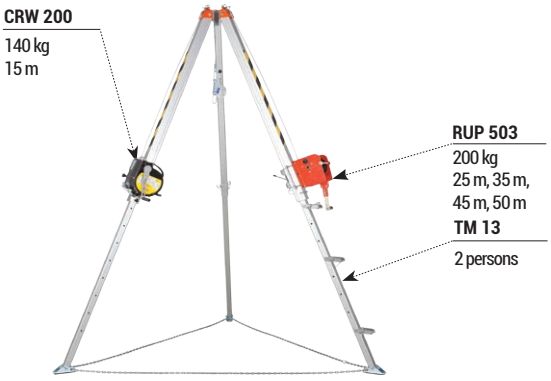
TM 14 + RUP 502-A + CRW 200 + AZ017



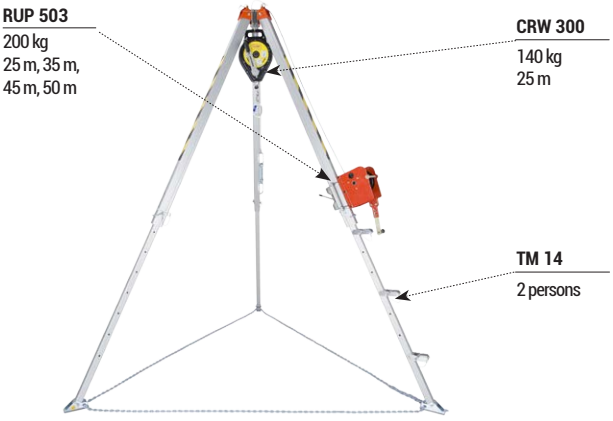
TM 14 + RUP 503 + CRW 300 + AT172



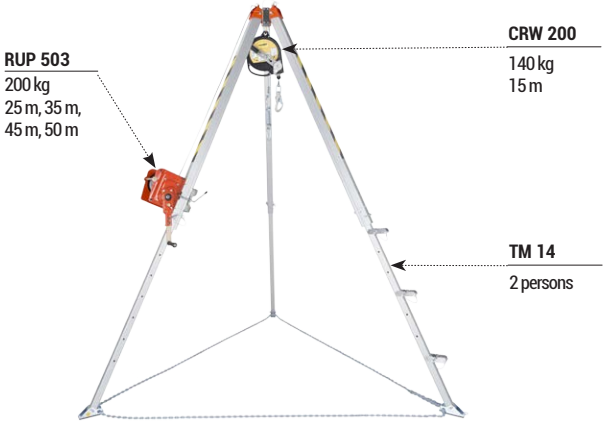
TM 14 + RUP 503 + CRW 200 + AT174



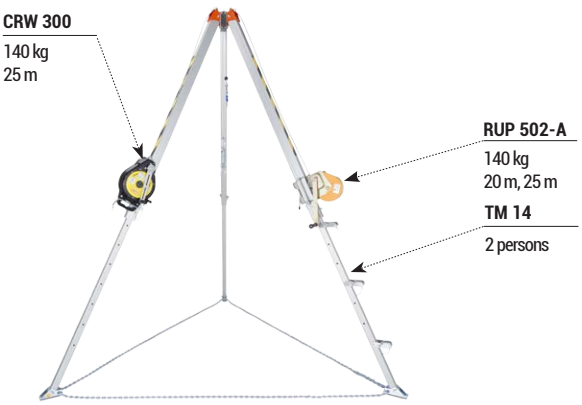
TM 14 + RUP 503 + CRW 300 + AZ017



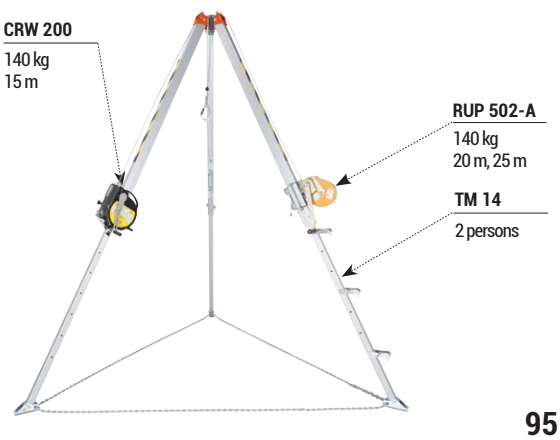
TM 14 + RUP 503 + CRW 200 + AZ017



TM 14 + RUP 502-A + CRW 300 + AT172

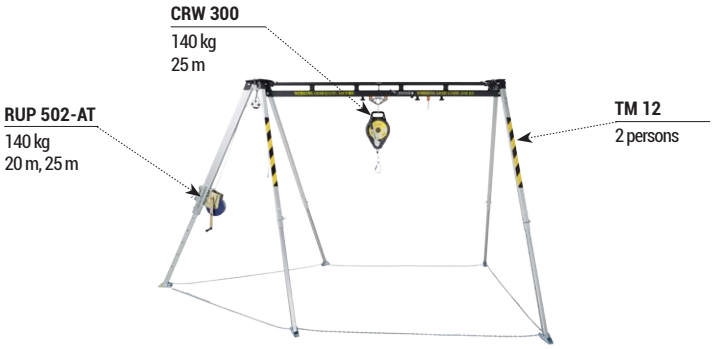


TM 14 + RUP 502-A + CRW 200 + AT174



TM 12 SPIDER - PERSONAL AND MATERIAL COMBO TRIPOD SETS

TM 12 + RUP 502-AT + CRW 300 + AZ017



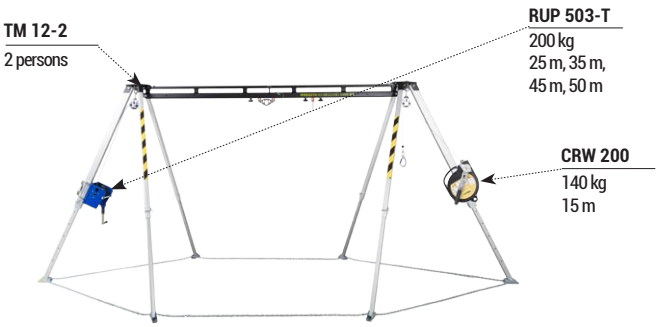
TM 12 + RUP 503-T + CRW 300 + AZ017

TM 12 + CRW 300 + AT172

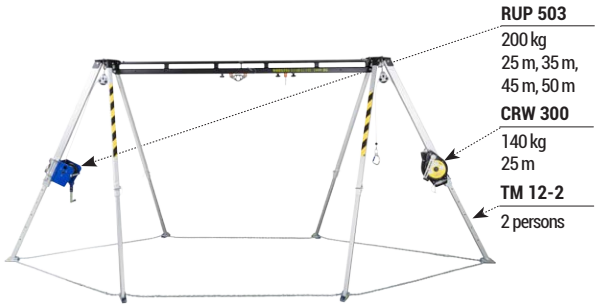
TM 12 + CRW 300 + AZ017

TM 12-2 + RUP 502-AT + CRW 300 + AT172

TM 12-2 + RUP 503-T + CRW 200 + AT174



TM 12-2 + RUP 503-T + CRW 300 + AZ017



TM 12-2 + RUP 503-T + CRW 200 + AZ017

TM 12-2 + RUP 502-AT + CRW 300 + AT172

TM 12-2 + RUP 503-T + CRW 200 + AZ017

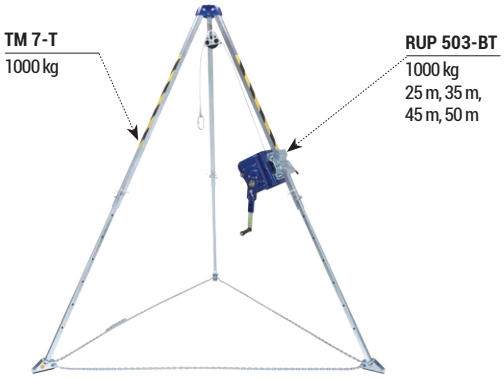
MATERIAL TRIPOD SETS

TM 6-T + RUP 502-AT

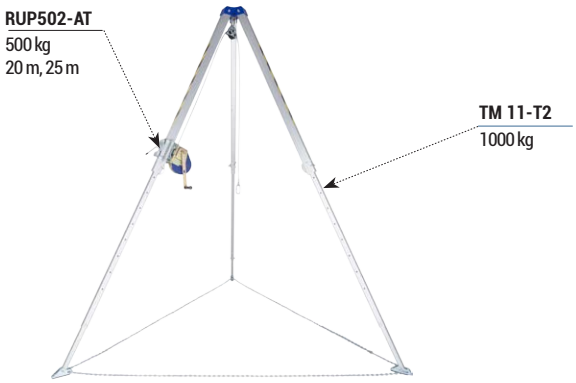
TM 6-T + RUP 503-T

TM 7-T + RUP 502-BT

TM 7-T + RUP 503-BT



TM 11-T2 + RUP 502-AT



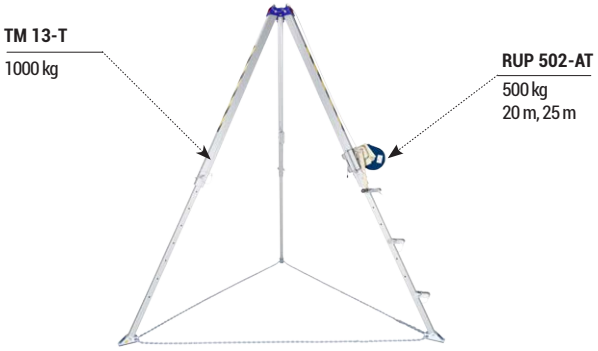
TM 12 + RUP 502-AT

TM 12 + RUP 503-T

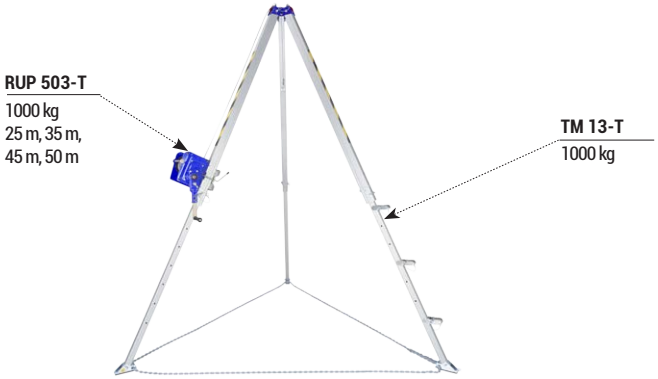
TM 12-2 + RUP 502-AT

TM 12-2 + RUP 503-T

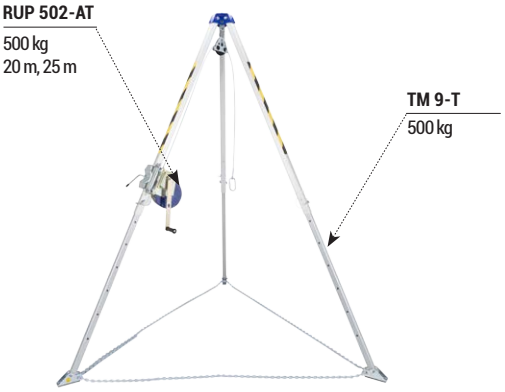
TM 13-T + RUP 502-AT



TM 13-T + RUP 503-T



TM 9-T + RUP 502-AT



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