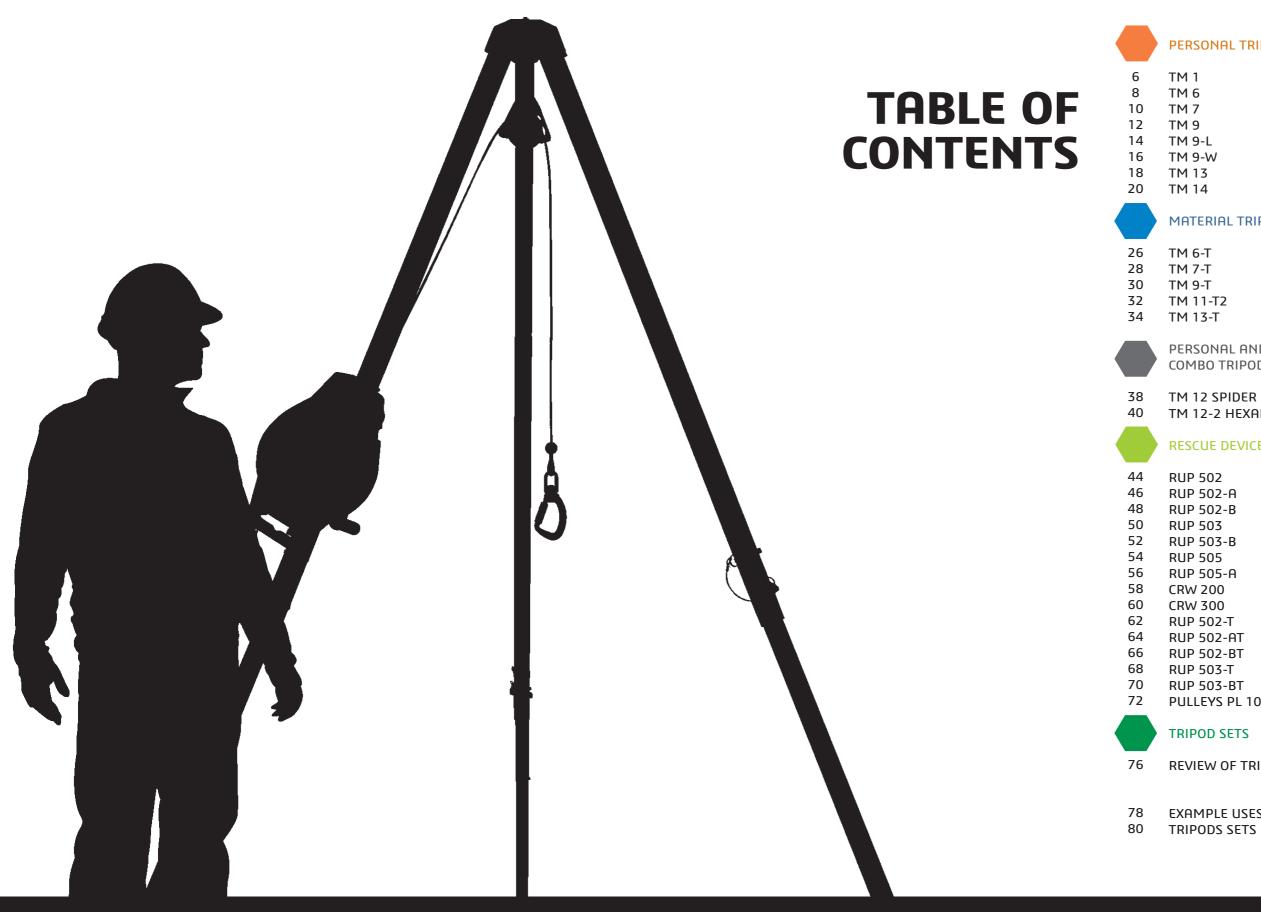




PERSONAL TRIPODS | MATERIAL TRIPODS PERSONAL AND MATERIAL COMBO TRIPODS | RESCUE DEVICES & LIFTING DEVICES TRIPODS SETS





#### PERSONAL TRIPODS

## MATERIAL TRIPODS

PERSONAL AND MATERIAL COMBO TRIPODS

- TM 12-2 HEXAPOD

# **RESCUE DEVICES & LIFTING DEVICES**

RUP 502 RUP 502-A RUP 502-B RUP 503 RUP 503-B RUP 505 RUP 505-A CRW 200 CRW 300 RUP 502-T **RUP 502-AT** RUP 502-BT RUP 503-T RUP 503-BT PULLEYS PL 101, TU 415, TU 416

#### TRIPOD SETS

**REVIEW OF TRIPODS AND WINCHES** 

EXAMPLE USES OF TRIPOD SETS TRIPODS SETS



# PERSONAL TRIPODS

TM 1	6
TM 6	8
TM 7	10
TM 9	12
TM 9-L	14
TM 9-W	16
TM 13	18
TM 14	20

121

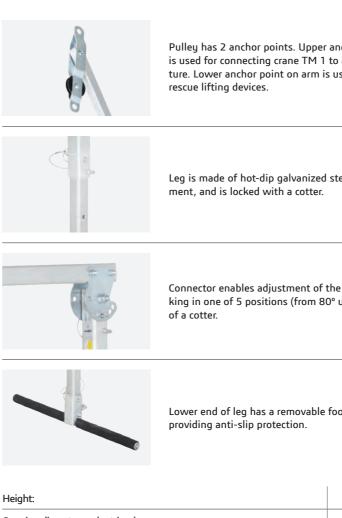






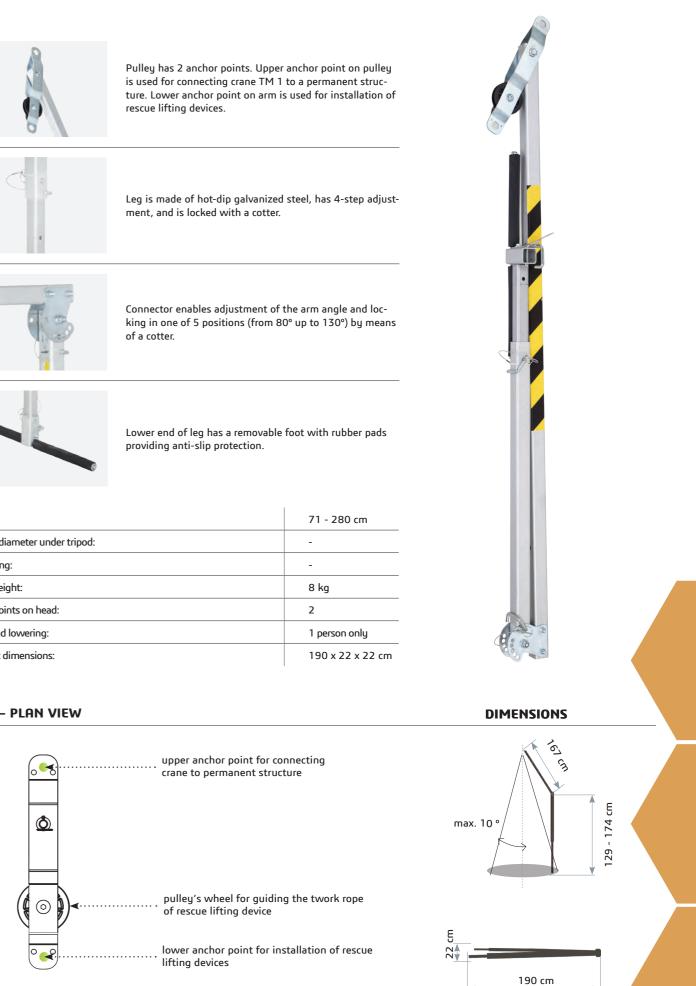






Height:	/1
Opening diameter under tripod:	-
Leg spacing:	-
Device weight:	8
Anchor points on head:	2
Lifting and lowering:	1 μ
Transport dimensions:	19

#### **HEAD – PLAN VIEW**



# NORM:

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

CE



LIFTING

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.

DESCRIPTION

OF DEVICE:

COMPATIBLE WITH : RUP 502

CRW 300

# **PERSONAL TRIPODS**





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



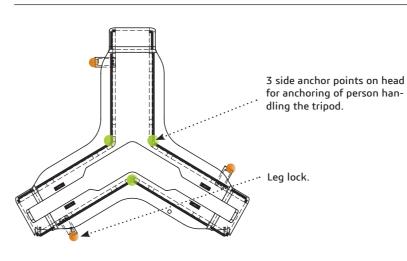
The tripod legs are made of strengthened aluminium profiles. Two legs "A" are equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; the third leg "B" has no wheel or anchor point



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).

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

#### **HEAD – PLAN VIEW**



NORM:

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





AND LOWERING:

LIFTING

Max. 2 persons

# DESCRIPTION OF DEVICE:

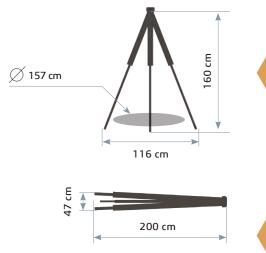
Safety tripod TM 6 is a mobile anchoring device intended for protection of up 2 persons at the same time. Guide wheels are integrated with the tripod head enabling operation with rescue lifting devices without the need to use any additional pulley.

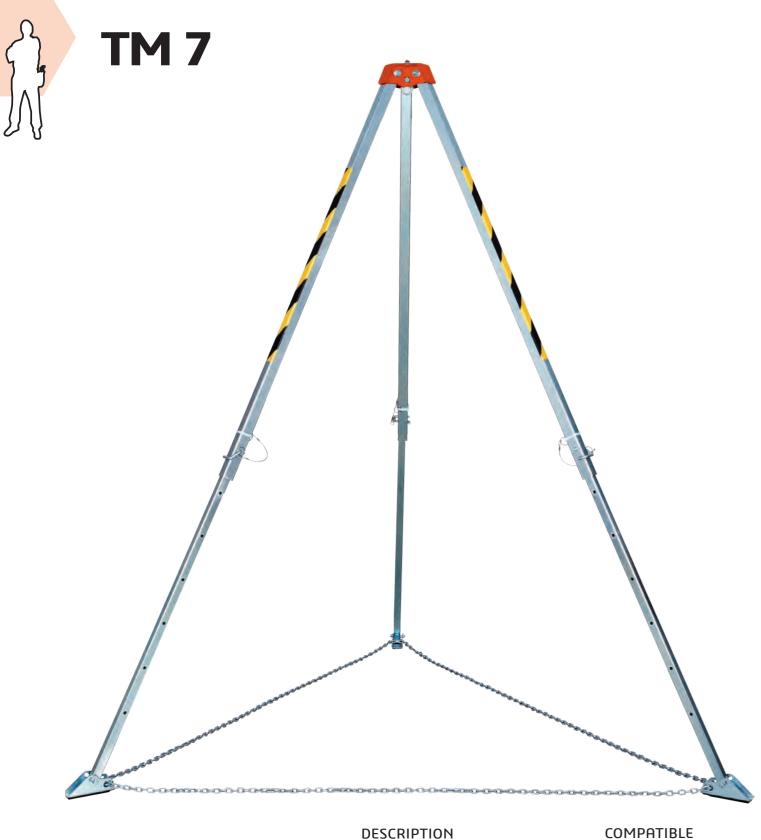
COMPATIBLE WITH : RUP 502-A RUP 503 CRW 200+AT174 CRW 200+AZ017 CRW 300+AT172 CRW 300+AZ017

# **PERSONAL TRIPODS**



#### DIMENSIONS





NORM:

CE Ex EN 795/B:2012



1 person only

LIFTING

DESCRIPTION OF DEVICE:

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

WITH : RUP 502-B RUP 503-B CRW 200+AZ017 CRW 300+AZ017



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

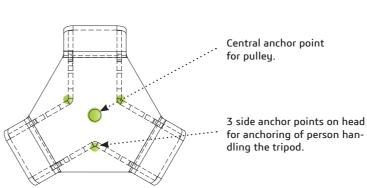
justment, locked with cotters.

anchor points.

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

Height:	14
Opening diameter under tripod:	14
Leg spacing:	11
Device weight:	35
Anchor points on head:	4
Lifting and lowering:	1 p
Transport dimensions:	17

# HEAD - PLAN VIEW



# **PERSONAL TRIPODS**

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

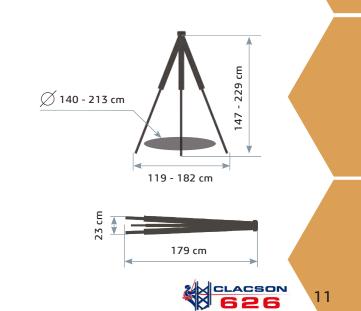
Legs are made of hot-dip galvanized steel with 7-step ad-

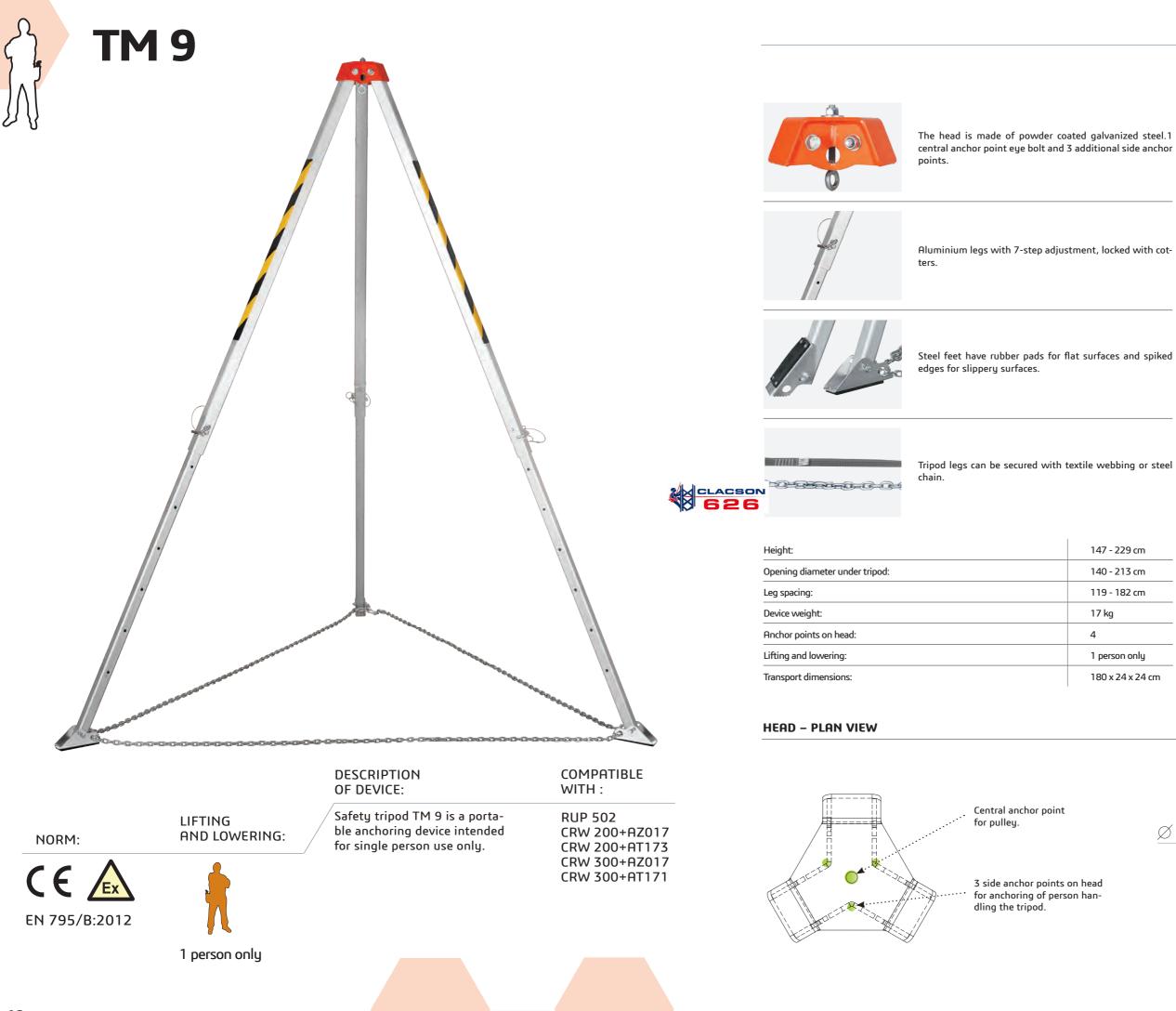
47 - 229 cm 40 - 213 cm 19 - 182 cm 35 kg

person only

79 x 23 x 23 cm





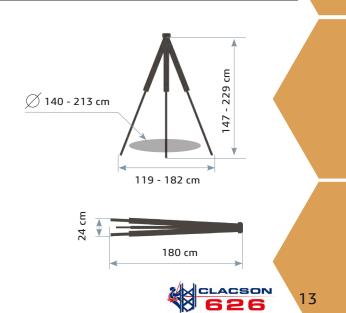


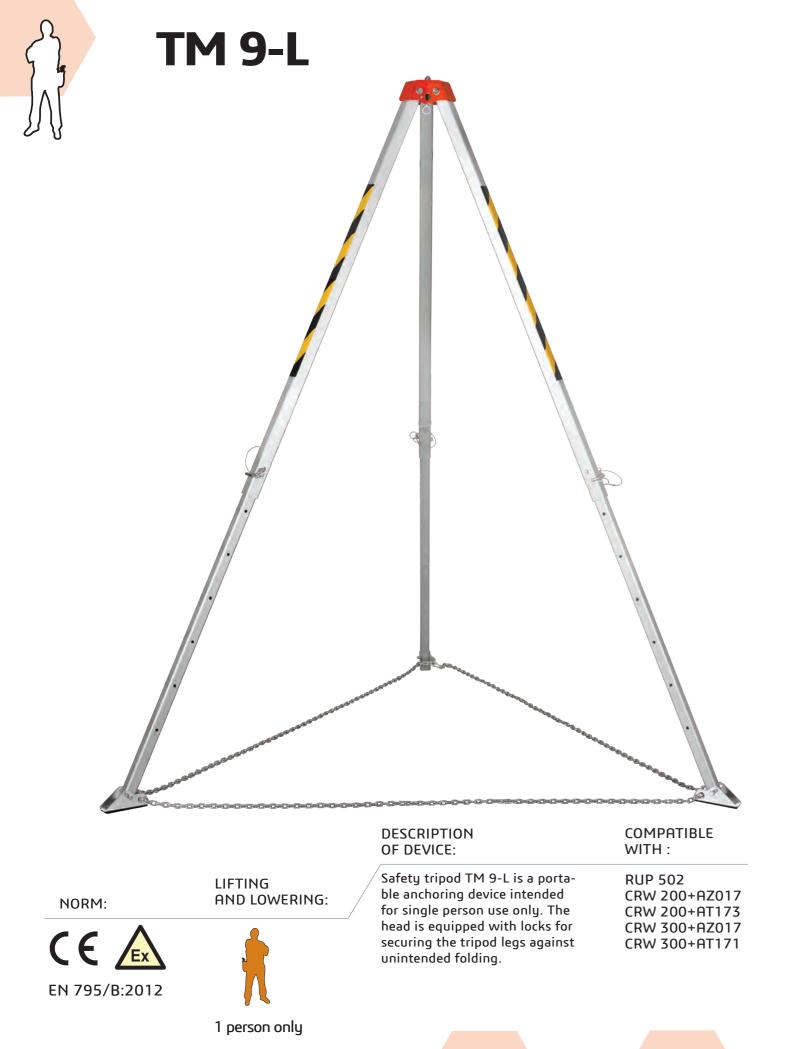
# **PERSONAL TRIPODS**

147 - 229 cm
140 - 213 cm
119 - 182 cm
17 kg
4
1 person only

180 x 24 x 24 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.



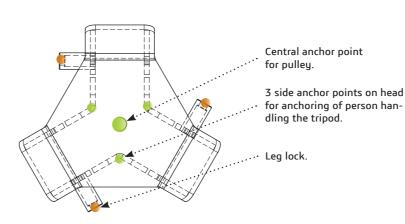
Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

	CONTRACTOR OF THE OWNER
A DEAN	TATE STORE

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

Height:	147
Opening diameter under tripod:	140
Leg spacing:	119
Device weight:	17
Anchor points on head:	4
Lifting and lowering:	1 pe
Transport dimensions:	180

#### **HEAD – PLAN VIEW**



# **PERSONAL TRIPODS**

47 - 229 cm 40 - 213 cm 19 - 182 cm

' kg

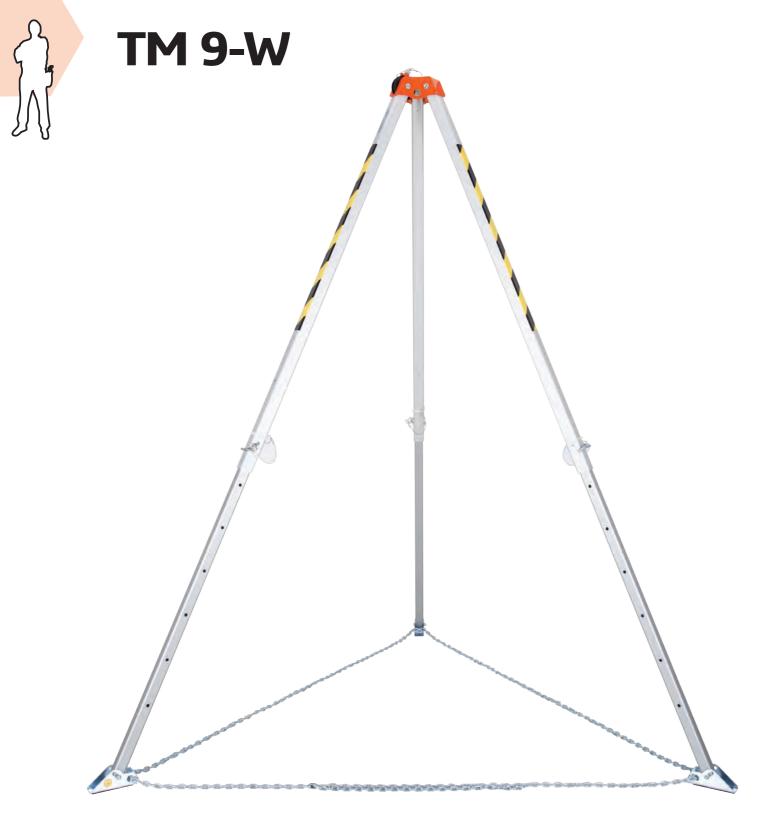
person only

30 x 24 x 24 cm



#### DIMENSIONS

47 - 229 cm ∅ 140 - 213 cm 119 - 182 cm 24 cm 180 cm 15





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.



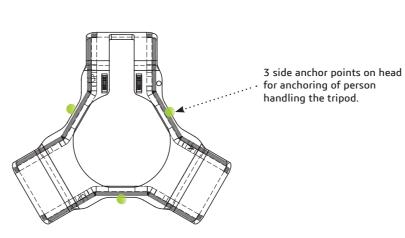
Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

# 0 0 0 0 0 0

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

Height:	147
Opening diameter under tripod:	140
Leg spacing:	119
Device weight:	17
Anchor points on head:	3
Lifting and lowering:	1 pe
Transport dimensions:	180

# **HEAD – PLAN VIEW**



NORM:





LIFTING

1 person only

# DESCRIPTION OF DEVICE:

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.

COMPATIBLE WITH : RUP 502 CRW 200+AT173

CRW 300+AT171

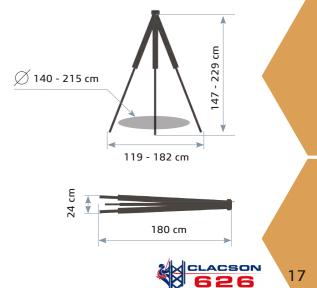
# **PERSONAL TRIPODS**

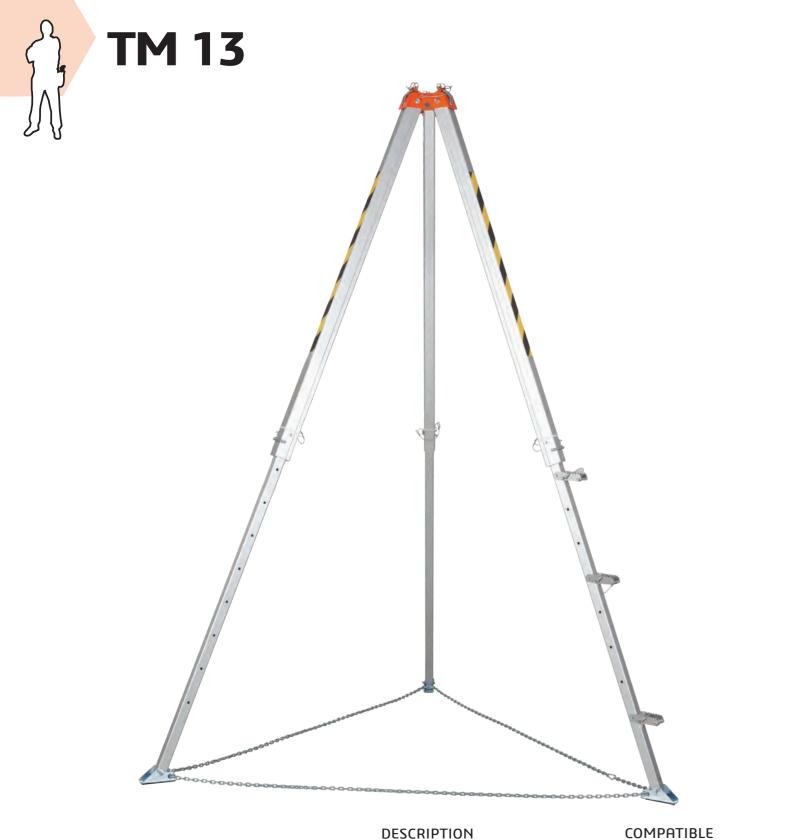
47 - 229 cm 40 - 215 cm 19 - 182 cm kg

person only

80 x 24 x 24 cm







NORM:

CE 🛕 EN 795/B:2012 TS 16415/B:2013



LIFTING

DESCRIPTION OF DEVICE:

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.

WITH :
RUP 502-A
RUP 503
CRW 200+AT174
CRW 200+AZ017
CRW 300+AT172
CRW 300+AZ017



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.



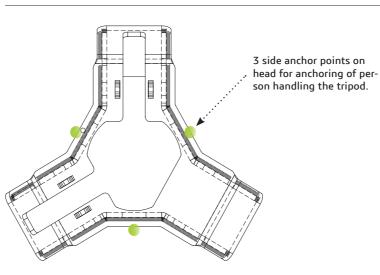
Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



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

Height:	179
Opening diameter under tripod:	15
Leg spacing:	14
Device weight:	37
Anchor points on head:	3
Lifting and lowering:	ma
Transport dimensions:	200

#### **HEAD – PLAN VIEW**



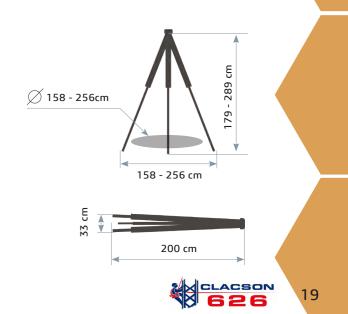
# **PERSONAL TRIPODS**

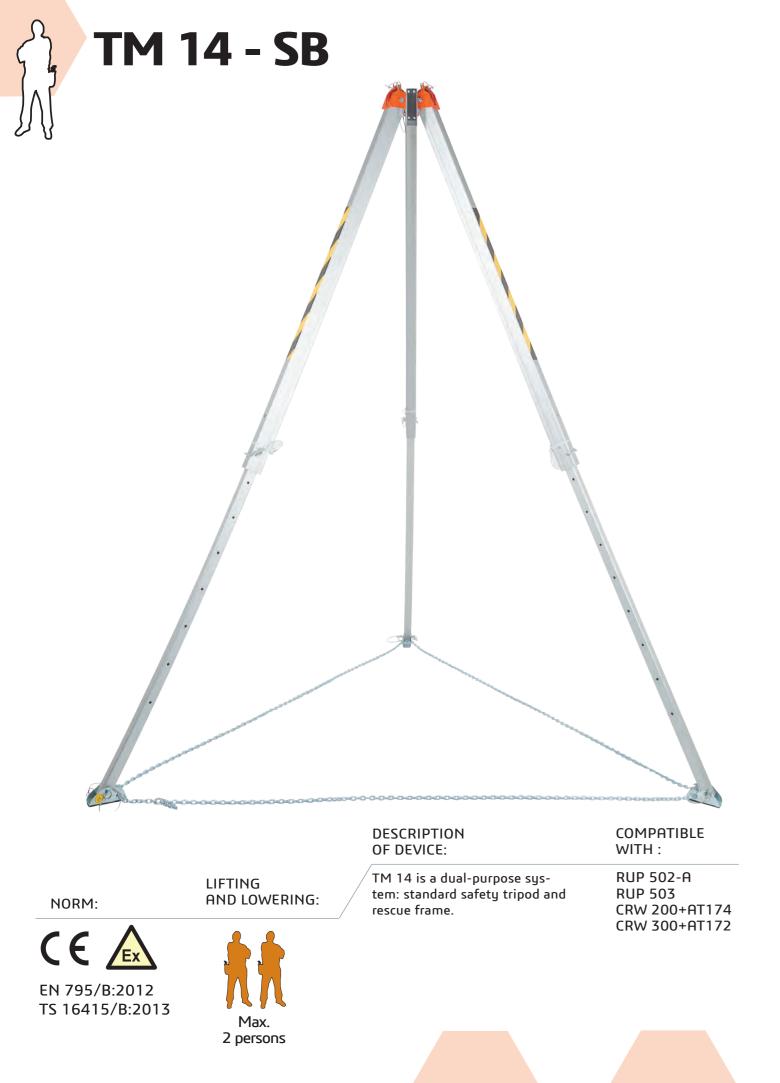
79 - 289 cm 58 - 256 cm 47 - 232 cm kg

ax. 2 persons

00 x 33 x 31 cm











has no wheel or anchor point.





or steel chain.

Height:	179 - 289 c
Opening diameter under tripod:	158 - 256 c
Leg spacing:	147 - 232 c
Device weight:	38 kg
Anchor points on head:	3
Lifting and lowering:	max. 2 perso
Transport dimensions:	228 x 32 x 30



# PERSONAL TRIPODS

626



DESCRIPTION COMPATIBLE OF DEVICE: WITH : RUP 502-A TM 14 is a dual-purpose sys-LIFTING RUP 503 tem: standard safety tripod and AND LOWERING: NORM: CRW 200+AT174 rescue frame. CRW 300+AT172 CE Ex



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.

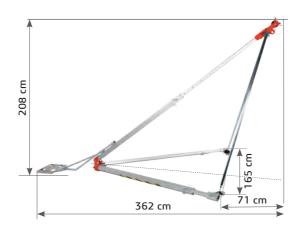


The drive-on plate is made of galvanized and stainless steel and is used for installation of counterweight. Counterweight can be a set of steel plates or a vehicle weighing 3.5 t. The plate can be fixed to the ground by means of mechanical or chemical anchors.



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.

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



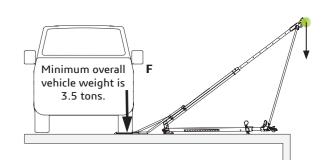
EN 795/E:2012 TS 16415/E:2013



#### **ANCHORING TO THE GROUND**

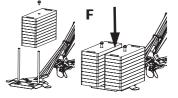
Drive-on plate can be fixed to a concrete or steel surface by means of at least 2 mechanical or chemical anchors with minimum tensile strength of 12 kN.

## **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



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













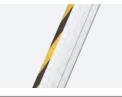
The head is made of powder coated galvanized steel. Equipped with 2 wheels for guiding the work rope of rescue lifting devices. Cotters above wheels provide protection of the rope from accidental slipping during work.



Automatic leg opening locks protect the tripod against ac-cidental 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.



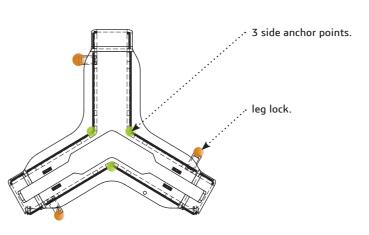
Tripod legs are made of strengthened aluminium profiles. Two legs "A" – equipped with a wheel (for guiding the work rope) and anchor point (bore) for mounting winches; The third leg "B" is has no wheel or anchor point.



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).

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 cr

#### **HEAD – PLAN VIEW**



NORM:



LIFTING AND LOWERING:



Capacity of up to 1000 kg

# DESCRIPTION OF DEVICE:

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.

WITH : **RUP 502-AT** 

RUP 503-T

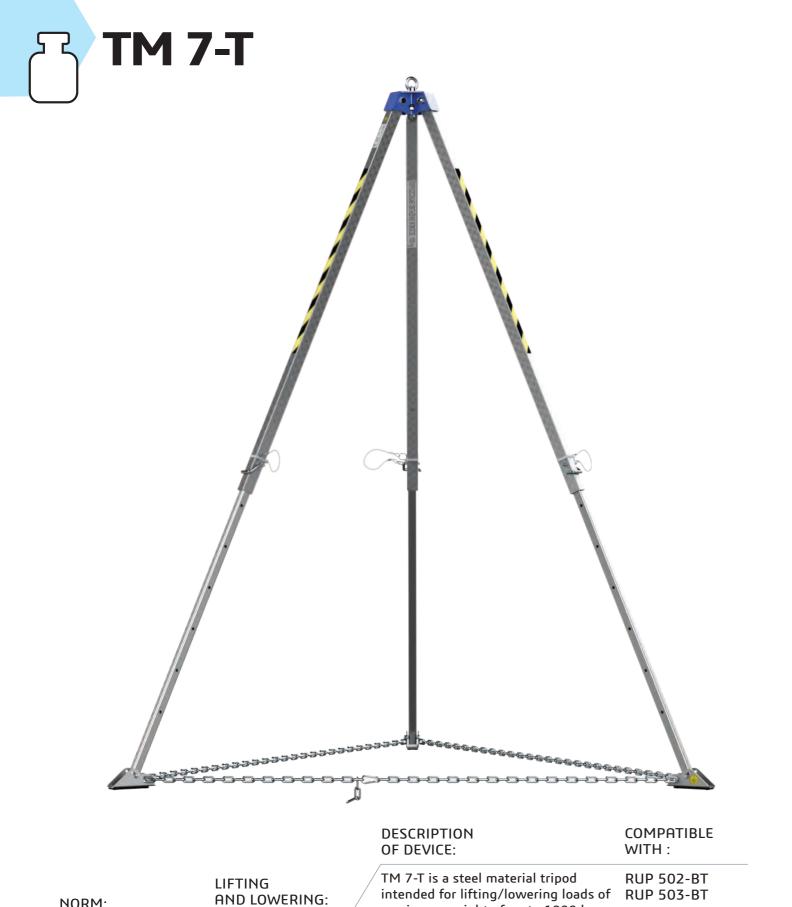
COMPATIBLE

# MATERIAL TRIPODS

cm







maximum weight of up to 1000 kg.

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.

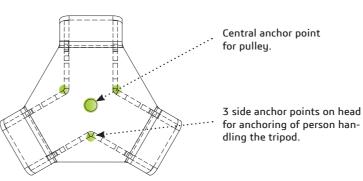


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

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

Height:	147 - 22
Opening diameter under tripod:	140 - 21
Leg spacing:	119 - 18
Device weight:	35 kg
Anchor points on head:	4
Lifting and lowering:	up to 100
Transport dimensions:	180 x 24

#### HEAD - PLAN VIEW



NORM:





28

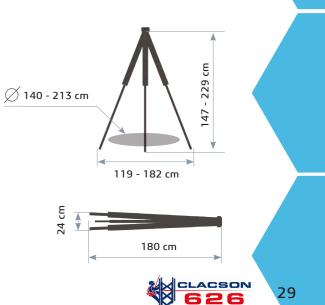
# MATERIAL TRIPODS

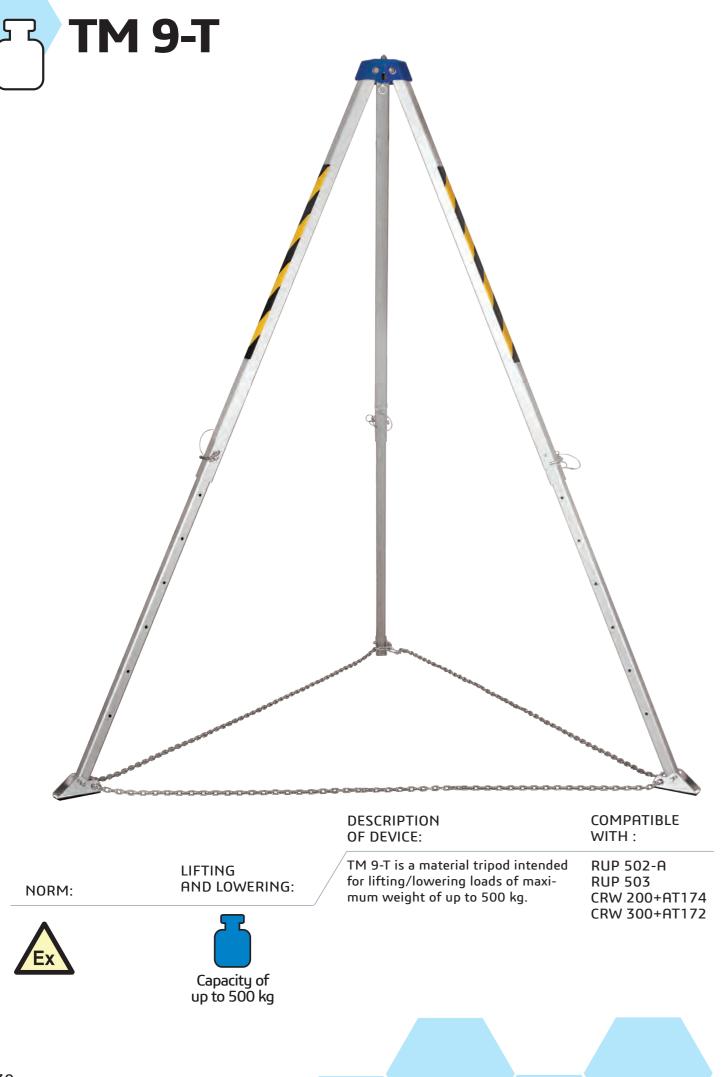
29 cm 13 cm 82 cm

00 kg

24 x 24 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.

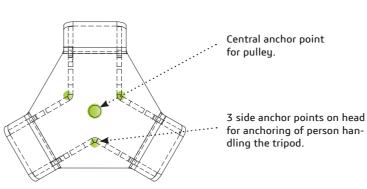


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

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

Height:	147 - 229
Opening diameter under tripod:	140 - 213
Leg spacing:	119 - 182
Device weight:	17 kg
Anchor points on head:	4
Lifting and lowering:	up to 500
Transport dimensions:	180 x 24 x

### HEAD - PLAN VIEW



# MATERIAL TRIPODS

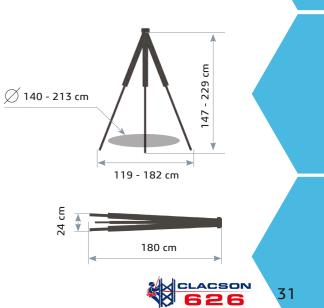
29 cm 3 cm

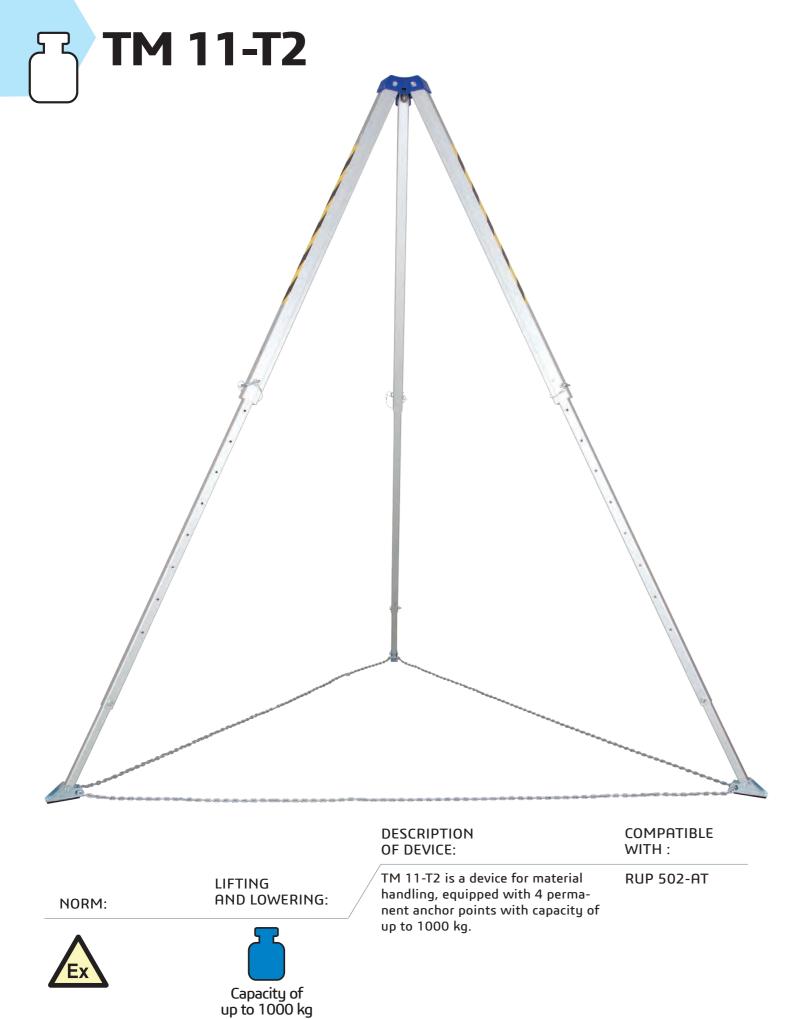
2 cm

kg (

x 24 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.

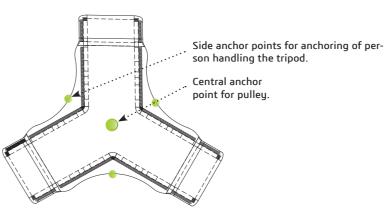


Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.

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

Height:	213 - 322
Opening diameter under tripod:	203 - 300
Leg spacing:	174 - 285
Device weight:	45,5 kg
Anchor points on head:	4
Lifting and lowering:	up to 1000
Transport dimensions:	230 x 32 x

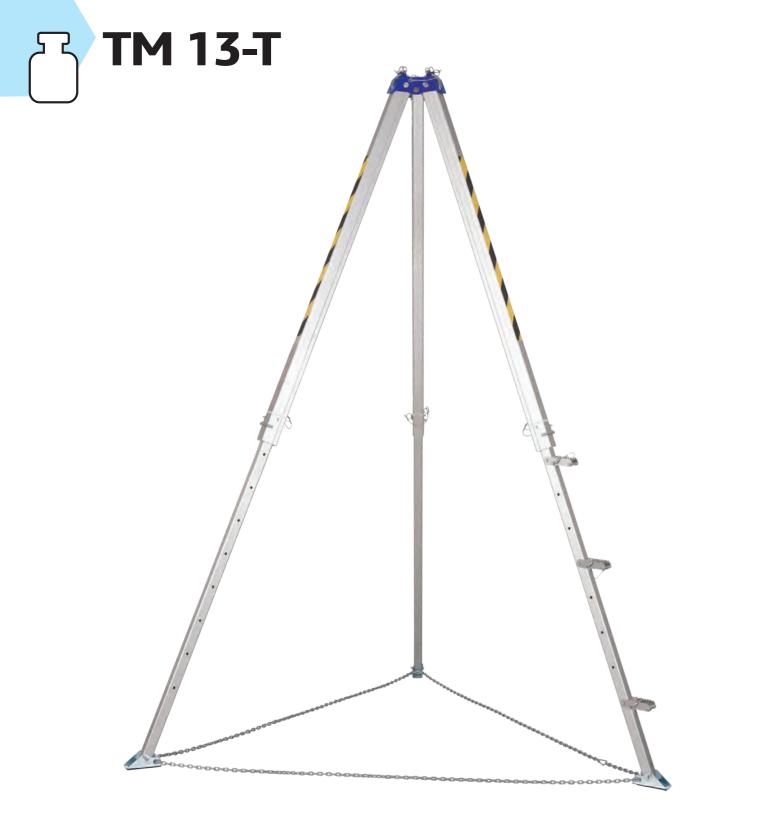
### HEAD – PLAN VIEW



# MATERIAL TRIPODS







	DESCRIPTION OF DEVICE:	Compatible WITH :	
LIFTING AND LOWERING:	TM 13-T is a material handling tripod intended for lifting/lowering loads of maximum weight up to 1000 kg.	RUP 502-AT RUP 503-T	_

NORM:

Capacity of up to 1000 kg



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.



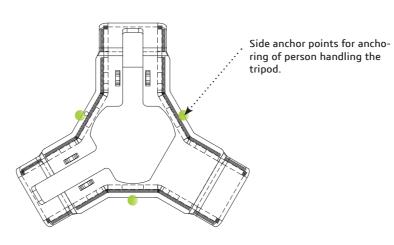
Steel feet have rubber pads for flat surfaces and spiked edges for slippery surfaces.



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

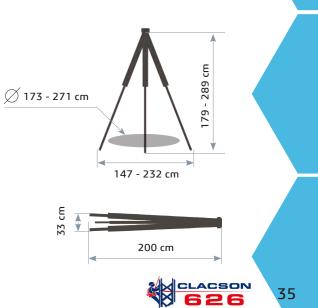
Height:	179 - 289 cm
Opening diameter under tripod:	158 - 256 cm
Leg spacing:	147 - 232 cm
Device weight:	37 kg
Anchor points on head:	3
Lifting and lowering:	up to 1000 kg
Transport dimensions:	200 x 33 x 31 cm

#### **HEAD – PLAN VIEW**



# MATERIAL TRIPODS

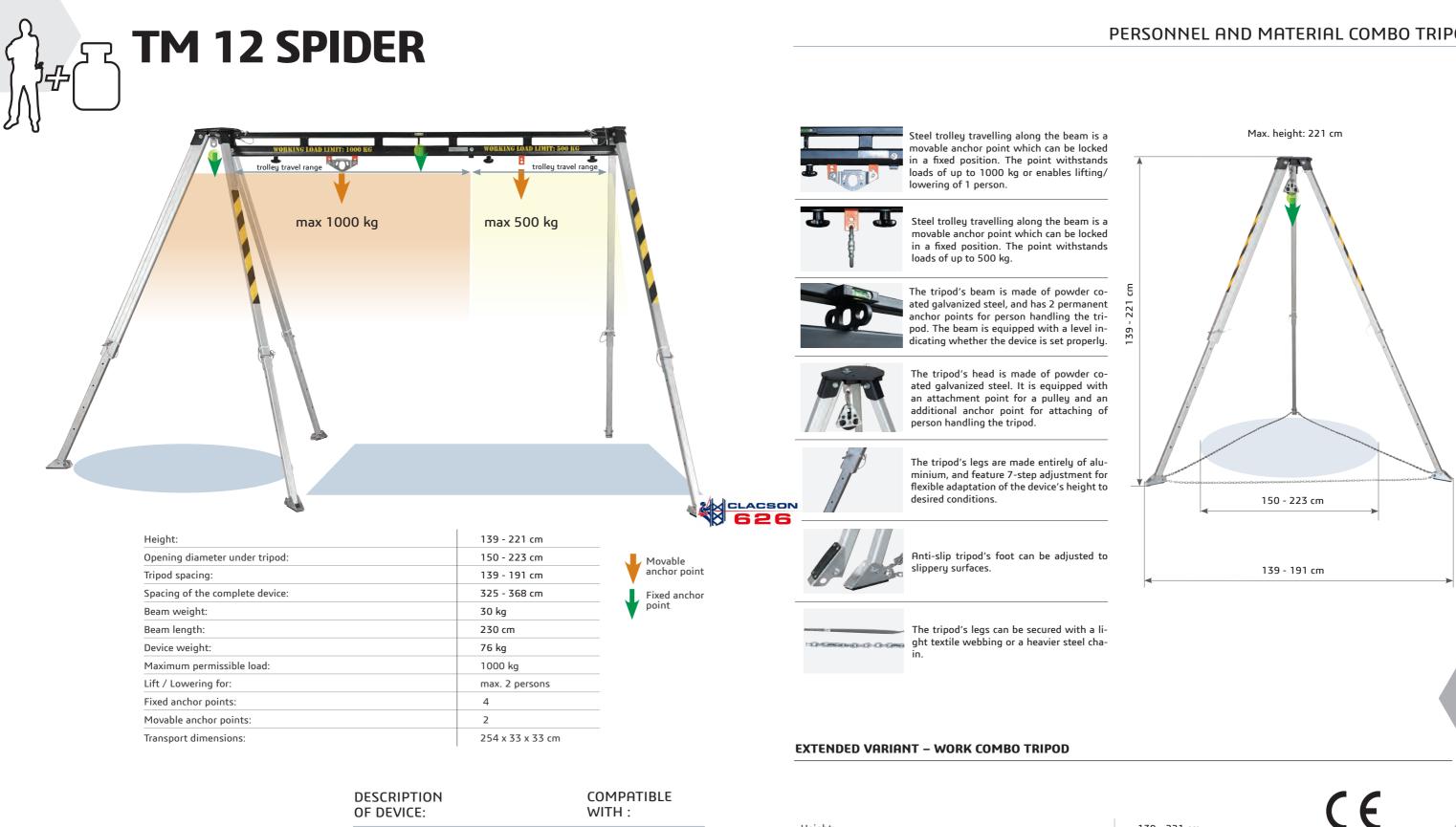












NORM:

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



AND LOWERING:

LIFTING

Max. 2 persons or capacity of up to 1000 kg

DESCRIPTION OF DEVICE:	Compa With :
TM 12 SPIDER is a personnel and material device equipped with 2 movable and 4 fixed anchor points.	RUP 50 RUP 50 RUP 50 RUP503
With the system TM 12 Spider it	CRW 20

With the sy is possible to use the left tripod as an independent work tripod for handling materials or lifting and lowering personnel.

02-A 02-AT 23 )3-T 00+AT174 CRW 300+AT172 CRW 200+AZ017 CRW 300+AZ017

Height:	
Opening diameter under tripod:	
Tripod spacing:	
Device weight:	
Lift / Descent for:	
Fixed anchor points:	

Maximum permissible load:

# PERSONNEL AND MATERIAL COMBO TRIPODS

139 - 221 cm 150 - 223 cm 139 - 191 cm 72 kg max. 1 person 2

1000 kg





CLACSON 626

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.

Steel trolley travelling along the beam is a

movable anchor point which can be locked in



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.

The tripod's legs can be secured with a light

# **EXTENDED VARIANT – WORK COMBO TRIPOD**

Height:	1
Opening diameter under tripod:	1
Tripod spacing:	1
Device weight:	8
Lift / Descent for:	m
Fixed anchor points:	2
Maximum permissible load:	

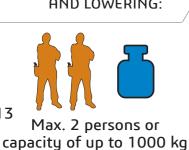
OF D ΤМ LIFTING nel a AND LOWERING: with point

TM 12-2 HEXAPOD

trolley travel range

max 1000 kg





DESCRIPTION	COMPATIBLE
OF DEVICE:	WITH :
TM 12-2 HEXAPOD is a person- nel and material device equipped with 2 movable and 6 fixed anchor points.	RUP 502-A RUP 502-AT RUP 503 RUP503-T CRW 200+AT174 CRW 300+AT172 CRW 200+AZ017 CRW 300+AZ017

139 - 221 cm

150 - 223 cm

139 - 191 cm

464 - 537 cm

34 kg

280 cm

90 kg

1000 kg

max. 2 persons

254 x 33 x 33 cm

6

2

Movable

point

anchor point

Fixed anchor

-	-	Ρ	<b>u</b>

Height:

Tripod spacing:

Beam weight:

Beam length:

Device weight:

Fixed anchor points:

Lift / Descent for:

Movable anchor points:

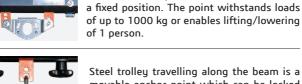
Transport dimensions:

Opening diameter under tripods:

Spacing of complete device:

Maximum permissible load:







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



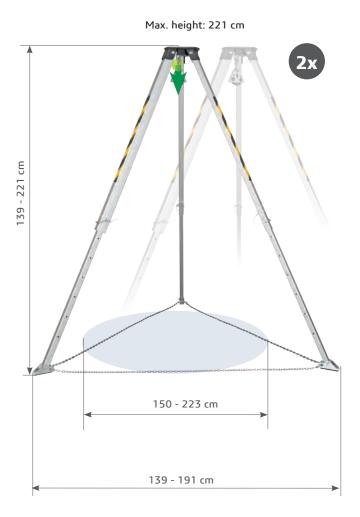


Anti-slip tripod's foot can be adjusted to slippery surfaces.

textile webbing or a heavier steel chain.

40

NORM:



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



000 kg













# **RESCUE LIFTING DEVICE RUP 502**

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

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.

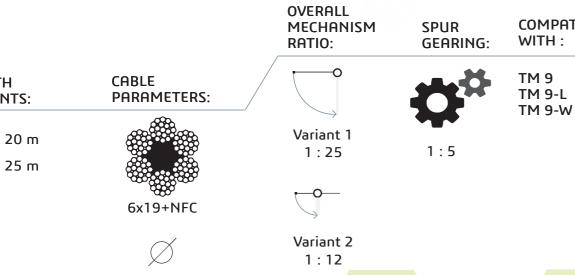
The crank arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.

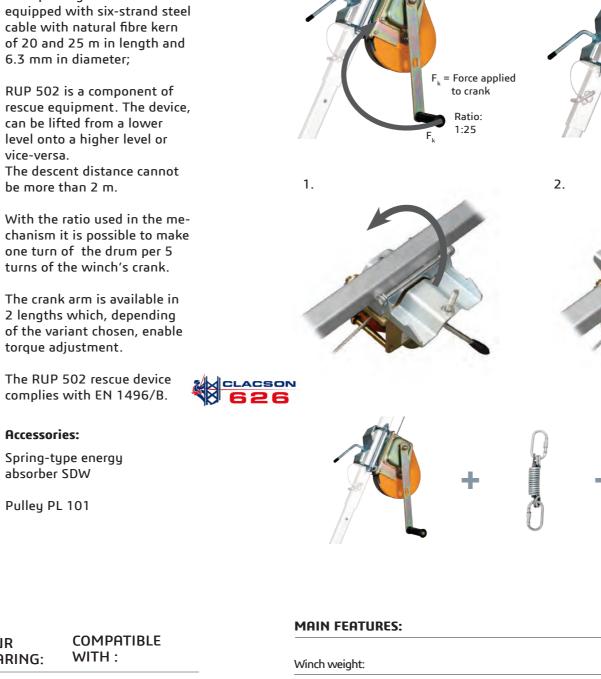
The RUP 502 rescue device complies with EN 1496/B.

### Accessories:

Spring-type energy absorber SDW

Pulley PL 101





1.

N.C. 1. 1.1.	171 141
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,	
Standard:	EN 1496/B

ø 6,3 mm

۲

CABLE

LENGTH

**VARIANTS:** 



2.

F\_\_\_ = 140 kg

# 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.

# 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.







# RESCUE LIFTING 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.

### Accessories:

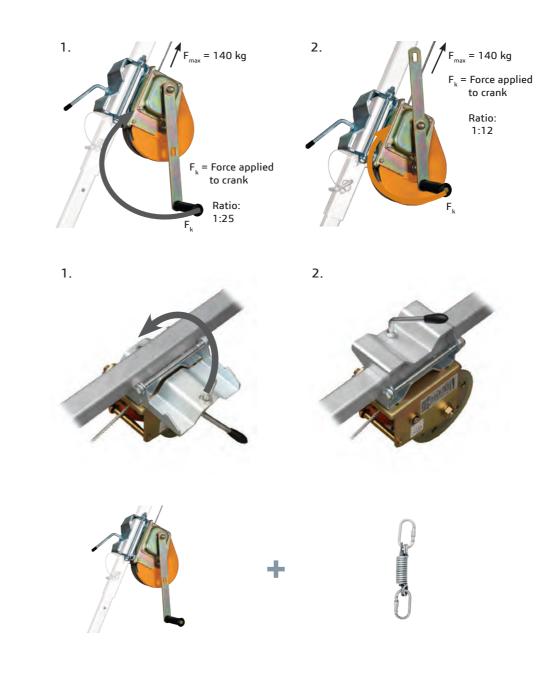
Spring-type energy absorber SDW



cabl Leng Varif	ТН	CABLE PARAMETERS:	
	20 m 25 m	6x19+NFC	Varia 1 :
		$\varnothing$	Vari 1 :

ø 6,3 mm

overall Mechanism Ratio:	SPUR GEARING:	Compatible With :
Variant 1 1 : 25	1:5	TM 6 TM 12 TM 12-2 TM 13
Variant 2 1 : 12		



### 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

# 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.

# ASSEMBLY:

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

Clamp opened;
 Clamp closed.

# KIT:

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







# RESCUE LIFTING DEVICE RUP 502-B

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.

# Accessories:

Spring-type energy absorber SDW

Pulley PL 101

	F <sub>k</sub> = Force applied to crank Ratio: 1:25		8
1.		2.	-
	+		+

F<sub>max</sub> = 140 kg

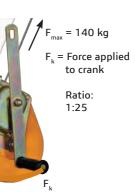
### MAIN FEATURES:

1.

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

CABL LENG VARII		CABLE PARAMETERS:
I	20 m 25 m	6x19+NFC
		Ø 6,3 mm

	OVERALL MECHANISM RATIO:	SPUR GEARING:	Compatible With :
1ETERS:		<b>0</b> <sup>0</sup>	TM 7
	Variant 1 1 : 25	1:5	
88889 89 9+NFC			
X	Variant 2 1 : 12		
3 mm			



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.

# ASSEMBLY:

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

Clamp opened;
 Clamp closed.



# KIT:

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









# **RESCUE LIFTING DEVICE RUP 503**

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.

# Accessories:

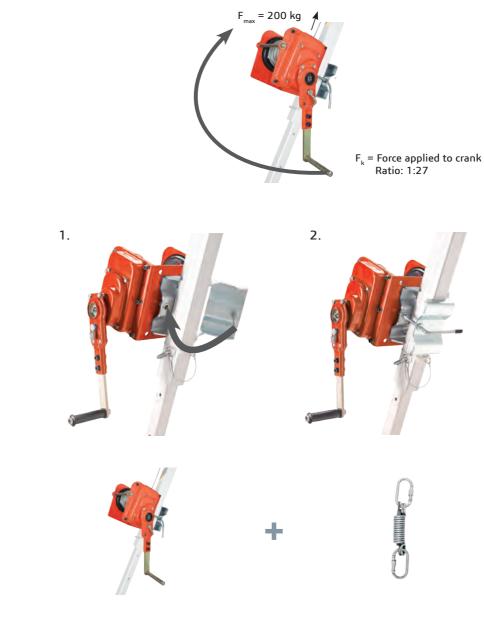
Spring-type energy absorber SDW

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

OVERALL

RATIO:

MECHANISM



### **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

CABLE LENGTH VARIANTS:	CABLE PARAMETERS:
⊢– 25 m	
⊷ 35 m	
⊢– 45 m	6x19+NFC
⊢– 50 m	,



<b>○</b>
Variant 1 1 · 27



SPUR

G:	COMPATIBLE WITH :
\$	TM 6 TM 12 TM 12-2 TM 13

1:7,2

G:	WITH :
	TM 6 TM 12 TM 12-2 TM 13

# LOADS:

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

# ASSEMBLY:

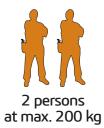
Simple mounting of the winch on the tripod leg by means of a clamp:

1. Clamp opened; 2. Clamp closed.

## KIT:

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







# **RESCUE LIFTING DEVICE RUP 503-B**

0

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

CABLE

PARAMETERS:

6x19+NFC

 $( \land )$ 

ø 6,3 mm

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.

# Accessories:

Spring-type energy absorber SDW

Pulley PL 101

0	
RATIO:	GEARING
MECHANISM	SPUR
OVERALL	







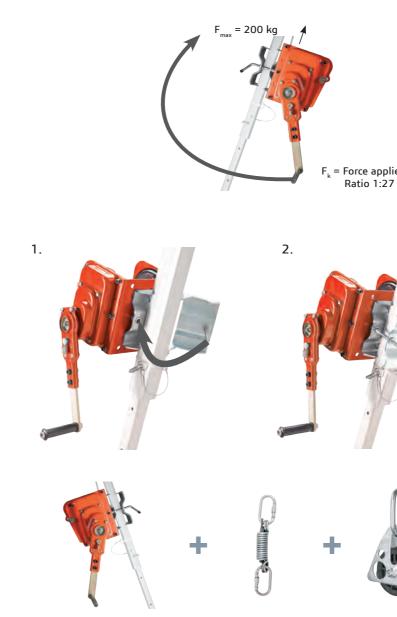
TM 7

# 1:7,2

Variant 1

1:27





# **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

CABLE

LENGTH

**VARIANTS:** 

⊢ 25 m

⊢ 35 m

⊢ 45 m

⊢ 50 m

# LOADS:

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

 $F_{\mu}$  = Force applied to crank



# 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.







# **RESCUE LIFTING DEVICE RUP 505**

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;

COMPATIBLE

WITH :

The RUP 505 rescue device complies with EN 1496/B.

### Accessories:

Spring-type energy absorber SDW

Pulley PL 101

CABLE LENGTH VARIANTS:	CABLE PARAMETERS:	
⊷ unlimited	Ø	
Rope sold separately	ø 10-11 mm	



OVERALL

-0-

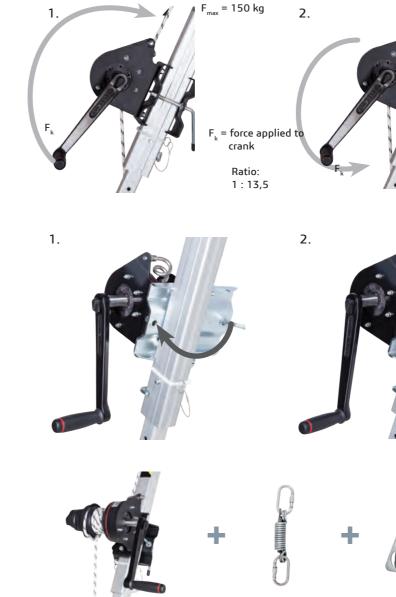
Variant 2

1:39,9









#### **MAIN FEATURES:**

	1
Lifting device weight:	8
Rope length:	ur
Rope type:	00
Rope diameter:	sta co
Mechanism ratio 1:	1:
Mechanism ratio 2:	1:
Force applied to lift 150 kg kg for variant 1:	11
Force applied to lift 150 kg kg for variant 2:	3,
Permissible work load:	15
Compatible with tripod type:	IT
Standard:	13

C



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

# **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.

#### kg

Inlimited

od 10 do 11 mm

static textile rope conforms with EN 1891

- : 2,13
- : 6,28

11,11 kG

8,75 kG

150 kg

FM9, TM9-W

EN 1496/B



Personal lifting device for up to 150 kg





ø 10-11 mm

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.

### Accessories:

Spring-type energy absorber SDW

OVERALL MECHANISM RATIO:	SPUR GEARING:	Compatible WITH :
• • • • • • • • • • • • • • • • • • •	1 : 2,13	TM 13
Variant 2		

1:6,28

1:39,9



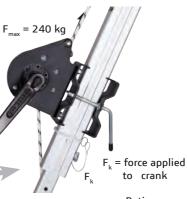
1.

### **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

56

Rope sold separately



2.

= 150 kg

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.

# **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.

## **ADDITIONAL OPTION:**

#### Rope guide

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

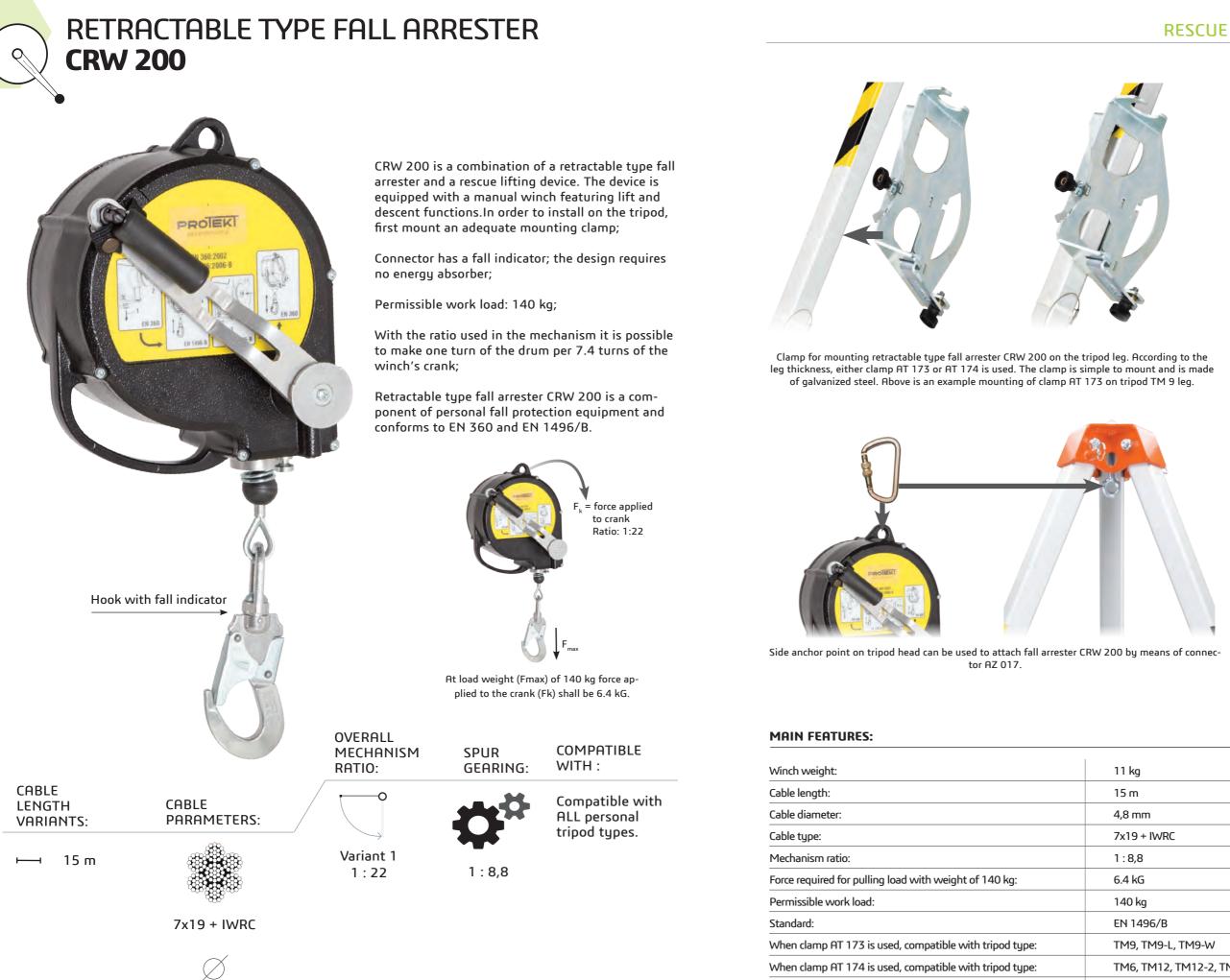


# EN 1496/B



Personal lifting device for up to 240 kg

> CLACSON 626



When connector AZ 017 is used, compatible with tripod type:

tor AZ 017.

ø 4,7 mm

# **RESCUE DEVICES & LIFTING DEVICES**





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



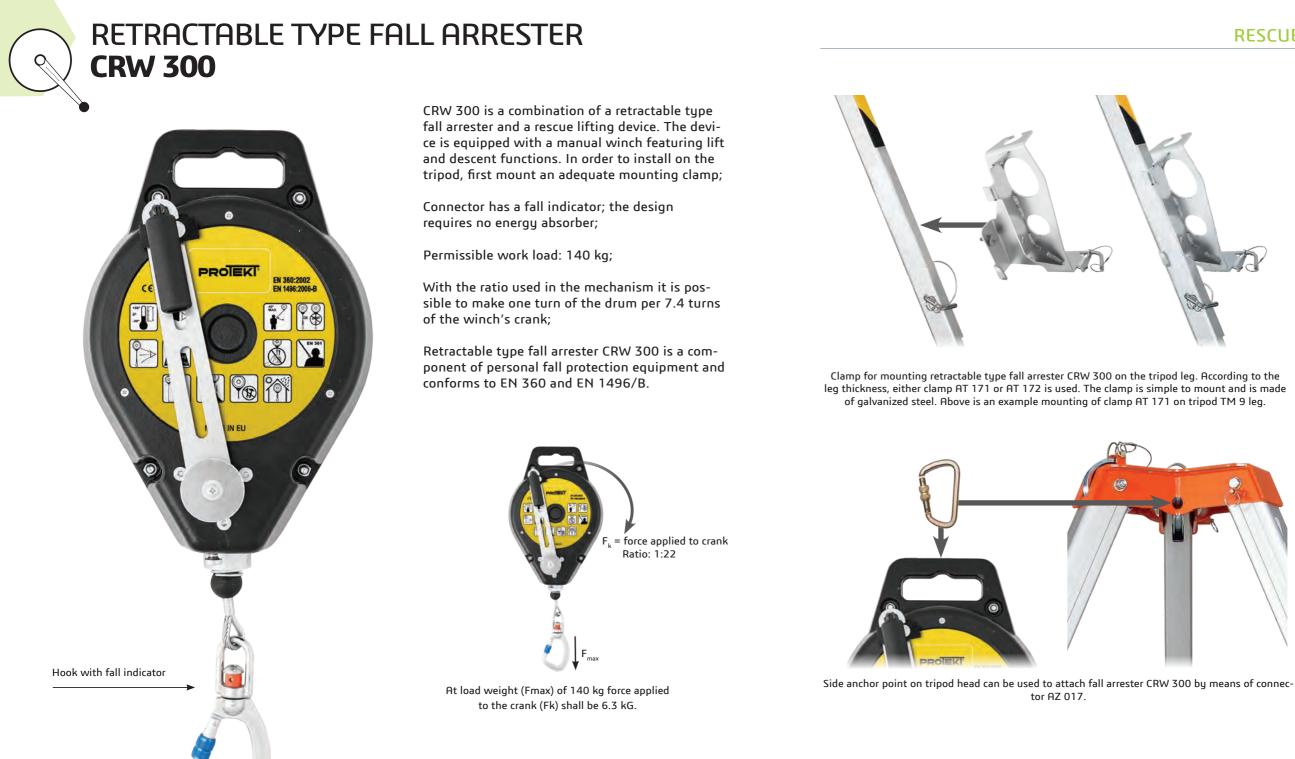


Example mounting of fall arrester CRW 200 by means of side anchor point on tripod TM 9 head.

CLACSON

626

11 kg	
15 m	_ <b>∧ &lt; &lt;</b>
4,8 mm	
7x19 + IWRC	EN 1496/B
1:8,8	_ EN 360
6.4 kG	
140 kg	
EN 1496/B	
TM9, TM9-L, TM9-W	
TM6, TM12, TM12-2, TM13	1 person
TM6, TM7, TM9, TM9-L,	– at max. 140 kg
TM10, TM12, TM12-2, TM13	



		OVERALL MECHANISM RATIO:	SPUR GEARING:	COMPATIBLE WITH :
CABLE LENGTH VARIANTS:	CABLE PARAMETERS:			Compatible with ALL personal tripod types.
⊷ 25 m		Variant 1 1 : 22	1 : 7,4	
	7x19 + IWRC			
	ø 4,7 mm			

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	

# **RESCUE DEVICES & LIFTING DEVICES**





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





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



EN 1496/B EN 360



1 person at max. 140 kg

> CLACSON 626

# RESCUE LIFTING DEVICE RUP 502-T

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;

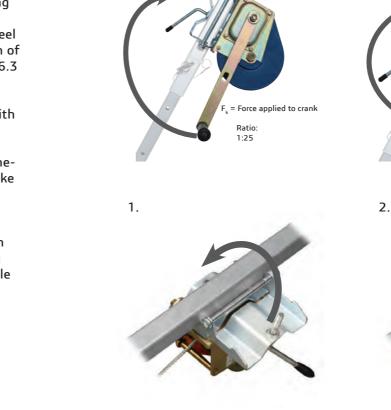
Intended for lifting loads with weight of up to 500 kg;

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;

Accessories:

Pulley PL 101





. = 500 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:	TM9-T	

		OVERALL MECHANISM RATIO:	SPUR GEARING:	Compatible With :	
CABLE LENGTH VARIANTS:	CABLE PARAMETERS:		<b>Ö</b> <sup>\$</sup>	TM 9-T	
⊢––i 20 m ⊢––i 25 m		Variant 1 1 : 25	1:5		
25 111	6x19+NFC	<b></b>			
	$\bigotimes$	Variant 2 1 : 12			
	ø 6,3 mm				



# 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.

# ASSEMBLY:

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

Clamp opened;
 Clamp closed.

# KIT:

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







# **RESCUE LIFTING DEVICE RUP 502-AT**

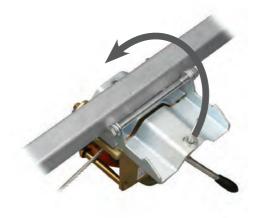
RUP 502-AT is a winch equipped with clamp for mounting on tripod's leg. The winch is equipped with six -strand steel cable with natural fibre kern of 25 m in length and 6.3 mm in diameter;

Intended for lifting loads with we-ight 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;

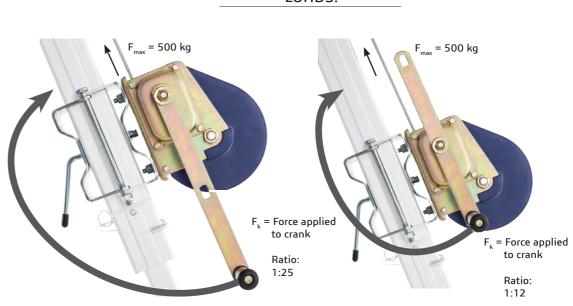
The crank's arm is available in 2 lengths which, depending of the variant chosen, enable torque adjustment.





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

LOADS:



Variant 1:

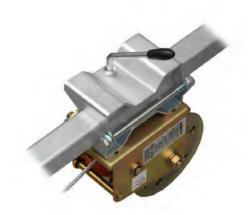
At load weight (Fmax) of 500 kg force applied to the crank (Fk) shall be 20 kG.

MOIN	FEATURES:
	FCHIUNCS.

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	Capacity of up to 500 kg
Compatible with tripod types:	TM6-T, TM11-T2, TM- 13-T, TM12, TM12-2	ср че е с с <u>э</u>
	'	

		OVERALL MECHANISM RATIO:	SPUR GEARING:	Compatible With :
CABLE LENGTH VARIANTS:	CABLE PARAMETERS:	$\frown \circ$	<b>8</b> <sup>4</sup>	TM 6-T TM 11-T2 TM 12
⊢––– 20 m ⊢––– 25 m		Variant 1 1 : 25	1:5	TM 12-2 TM 13-T
2011	6x19+NFC			
	$\bigotimes$	Variant 2 1 : 12		
	ø 6,3 mm			

# **RESCUE DEVICES & LIFTING DEVICES**



Variant 2:

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

# RESCUE LIFTING DEVICE RUP 502-BT

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;

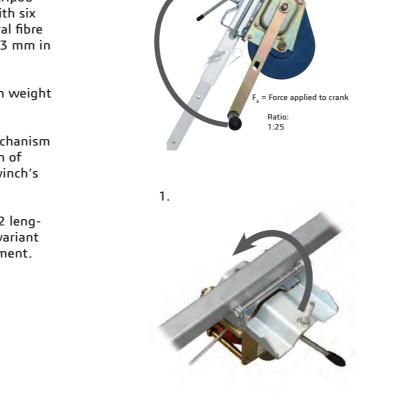
Intended for lifting loads with weight of up to 500 kg;

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.

#### Accessories:

Pulley PL 101





. = 500 kg

2.

### 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:	ТМ7-Т

			OVERALL MECHANISM RATIO:	SPUR GEARING:	Compatible With :
_	CABLE LENGTH VARIANTS:	CABLE PARAMETERS:	°	<b>0</b> <sup>‡</sup>	TM 7-T
	⊢–– 20 m ⊢–– 25 m		Variant 1 1 : 25	1:5	
		6x19+NFC			
		$\bigotimes$	Variant 2 1 : 12		
		ø 6,3 mm			





# 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.

# ASSEMBLY:

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

Clamp opened;
 Clamp closed.



## KIT:

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









# **RESCUE LIFTING DEVICE RUP 503-T**

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.

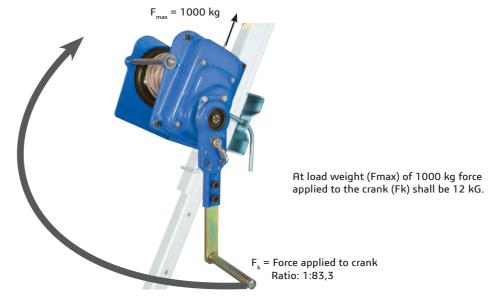


Switch for winch mechanism clutch disengagement and switching of descent/lift modes.



Mounting winch on tripod leg - clamp opened and closed.





•	C	OVERALL MECHANISM RATIO:	SPUR GEARING:	Compatible With :
CABLE LENGTH VARIANTS:	CABLE PARAMETERS:		<b>0</b> <sup>‡</sup>	TM 6-T TM 12 TM 12-2
⊷ 25 m		→ Variant 1 1 : 83,3	1:22,2	TM 13-T
⊷ 35 m				
⊷ 45 m	6x19+NFC			
⊢–– 50 m	$\bigotimes$			
	ø 6,3 mm			

#### N

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	<b></b> _
Force required for pulling load with weight of 1000 kg:	12 kG	
Permissible work load:	1000 kg	Capacity of
Compatible with tripod types:	TM6-T, TM12, TM12-2, TM13-T	up to 1000 kg

# **RESCUE DEVICES & LIFTING DEVICES**

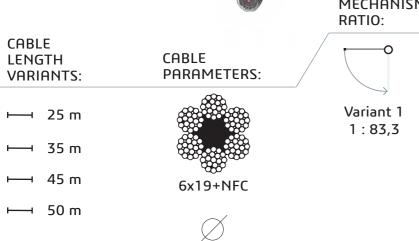
# ASSEMBLY:



# **RESCUE LIFTING DEVICE RUP 503-BT** 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. Accessories: Pulley PL 101



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



**()** 

ø 6,3 mm

# OVERALL MECHANISM





IM	/-1	

# 1:22,2

	•	•	

# **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	<ul> <li>Capacity of</li> </ul>
Compatible with tripod types:	TM7-T	up to 1000 kg



# LOADS:

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

 $F_{\mu}$  = Force applied to crank Ratio 1:83,3

F<sub>max</sub> = 1000 kg



# 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.

626







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

#### WORK LOAD:

Permissible work load: 10 kN

#### CABLE DIAMETER:

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

#### WORK LOAD:

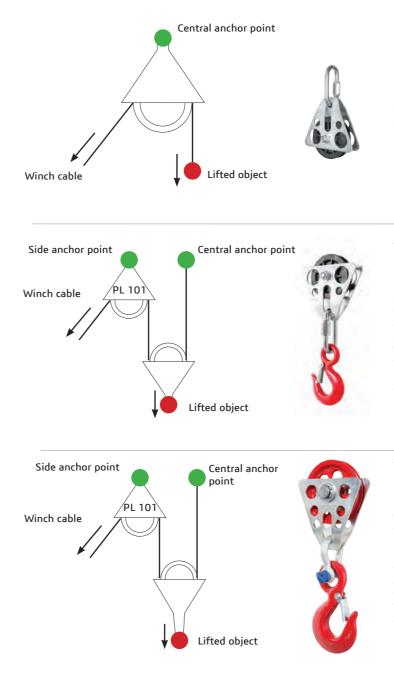
Permissible work load: 10 kN

### 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



#### **MAIN FEATURES:**

	PL 101	TU 415	TU 416		
Material:	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		

#### 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.

73



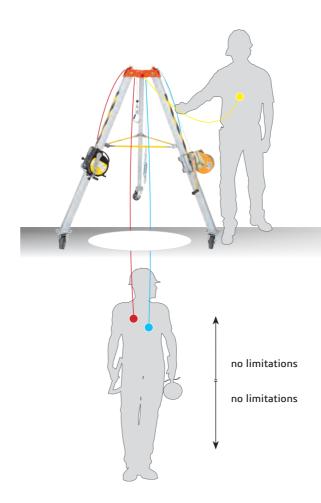




## EXAMPLE USES OF TRIPOD SETS



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

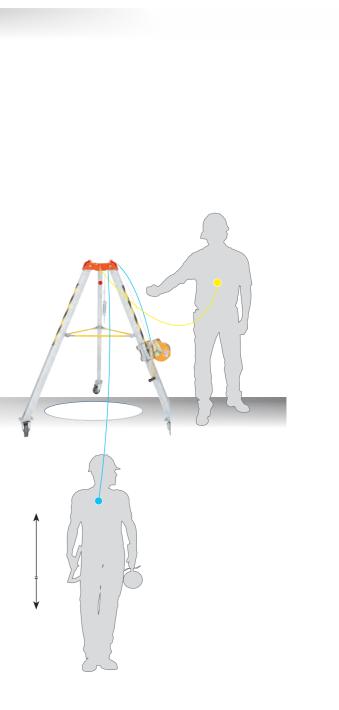


USE OF TRIPOD WITH LIFTING DEVICE TO LIFT/LOWER A WORKER.

no limitations

max. 2 m

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.





		TM 1	TM 6	ТМ 6 - Т	TM 7	ТМ 7 - Т	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	•					•	•		•							PL 101 + SDW	rescue 140 kg
	RUP 502-A		•									<b>V</b>	•	>		•	SDW	rescue 140 kg
	RUP 502-AT			•							•	•	•		•		-	material 500 kg
RUP 502	RUP 502-B				•												PL 101 + SDW	rescue 140 kg
RU	RUP 502-BT					•											PL 101	material 500 kg
	RUP 502-T								•								PL 101	material 500 kg
	RUP 503		•									V	•	V		•	SDW	rescue 200 kg
2	RUP 503-B				<b>v</b>												PL 101 + SDW	rescue 200 kg
RUP 503	RUP 503-BT					•											PL 101	material 1000 kg
	RUP 503-T			•								•	•		•		-	material 1000 kg
RUP 505	RUP 505						•	•		•							PL 101 + SDW	rescue 150 kg
RUI	RUP 505-A													<b>V</b>			SDW	rescue 240 kg
0	CRW 200 + AT173						•	•		•							PL 101	rescue 140 kg
CRW 200	CRW 200 + AT174		•									<b>v</b>	•	>		•	-	rescue 140 kg
	CRW 200 + AZ017		•		•		•	•				•	•	<b>V</b>			-	rescue 140 kg
0	CRW 300 + AT171	•					<b>V</b>	•		•							-	rescue 140 kg
CRW 300	CRW 300 + AT172		<b>v</b>									•	<b>~</b>	<b>V</b>		•	-	rescue 140 kg
	CRW 300 + AZ017		•		•		•	-				<b>V</b>	<b>v</b>	•			-	rescue 140 kg
MAX	NUMBER OF	2	2	-	1	-	1	1	-	1	-	2	2	2	-	2		
MF	IX LOAD WE- IGHT	-	-	1000 kg	-	1000 kg	-	-	500 kg	-	1000 kg	1000 kg	1000 kg	-	1000 kg	-		

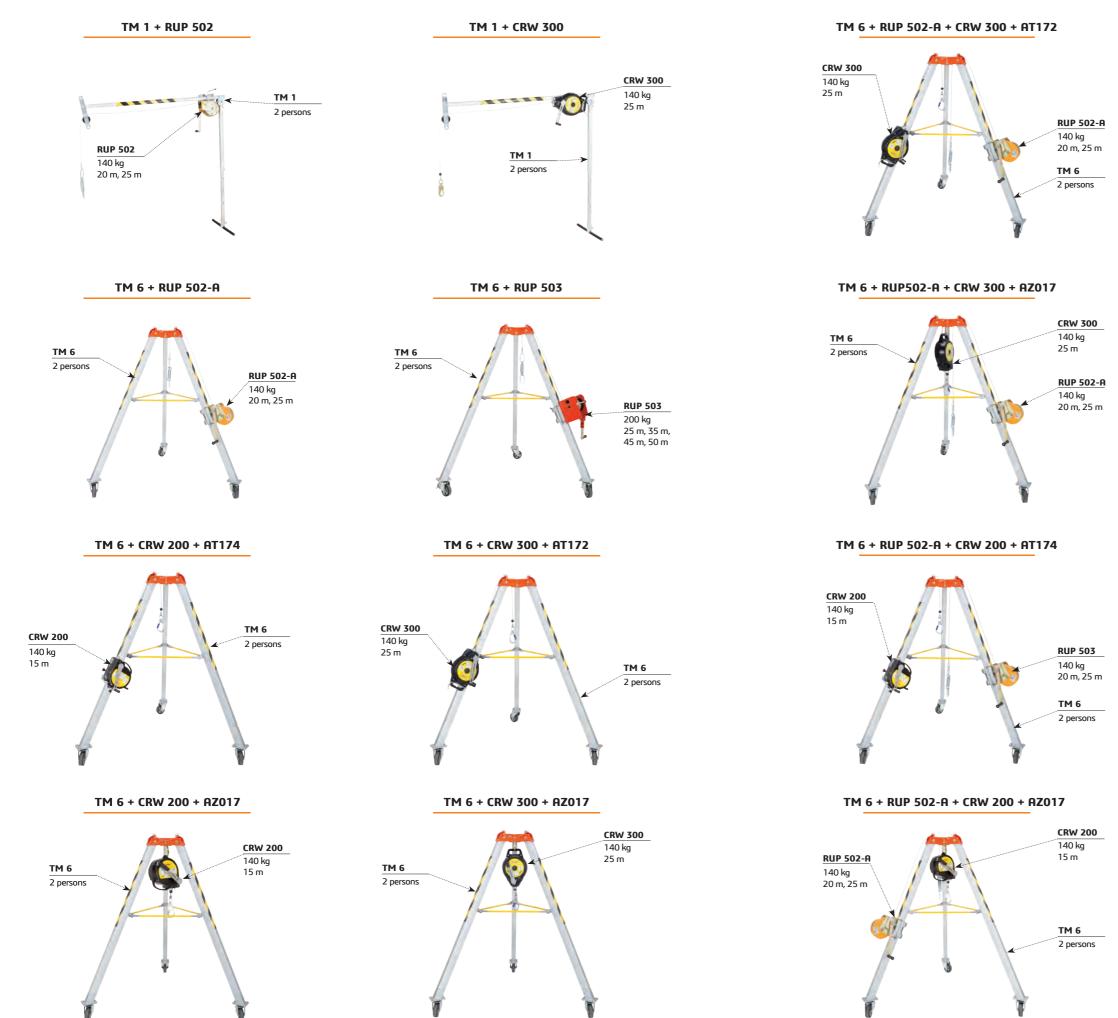
	TRIPODS								
R									
Personal 1 person	Personal 2 persons	Material max 500 kg	Material max 1000 kg	Personal and materia max. 1000 kg or 2 pers					
TM 7	TM 1	TM 9-T	TM 6-T	TM 12					
TM 9	TM 6		TM 7-T	TM 12-2					
TM 9-L	TM 13		TM 13-T						
TM 9-W	TM 14 (SB and ZSE)		TM 11-T2						
		LIFTING DEVICES							
Ŕ	ŔŔ		$\bigcirc$	Ŕ					
Rescue up to 140 kg	Rescue up to 200 kg	Material max. 500 kg	Material max. 1000 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)									

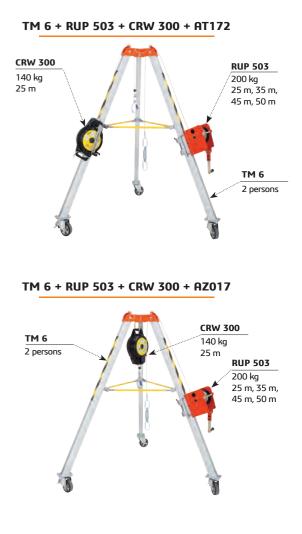
Rope guide AT015-400	Pulley PL 101	Pulley PL 415	Pulley PL 416	Spring absorber	Leg strap fo AT011	
		8	S			
Rope for lift RUP 505 and	-				at's	32-
Figure-of-nine loop	Thimble-eye	2 types of work in nations are recousing figure-of- to be used with <b>9 and TM 9-W</b> , ble-eye with trip <b>TM 9-W and TM 1</b>	ommended, nine loop tripods <b>TM</b> and thim- ods <b>TM 9,</b>		<b>AT011-500</b> For tripods: TM 7, TM 7-T, TM 9,TM 9-T, TM 9-L, TM 9-W	<b>AT015-500</b> For tripods: TM 11-T2, TM 13, TM 13-T



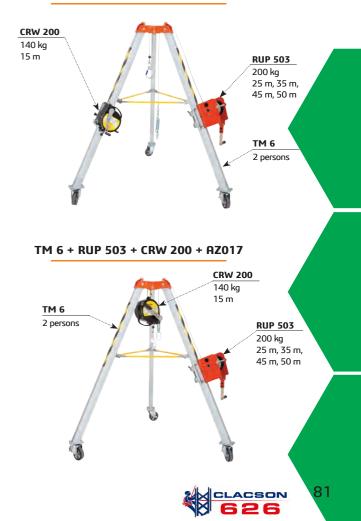
TRIPODS

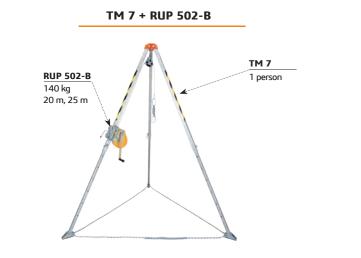






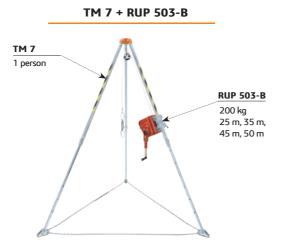
TM 6 + RUP 503 + CRW 200 + AT174





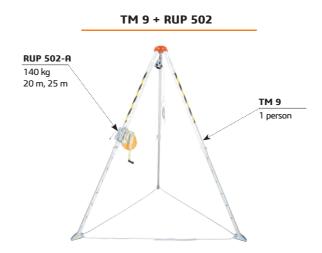
TM 7 + CRW 200 + AZ017





TM 7 + CRW 300 + AZ017

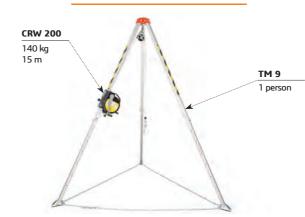




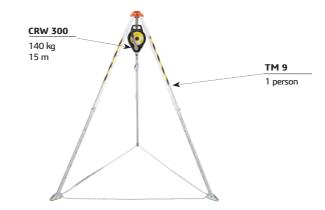
TM 9 + RUP 502 + CRW 200 + AZ017



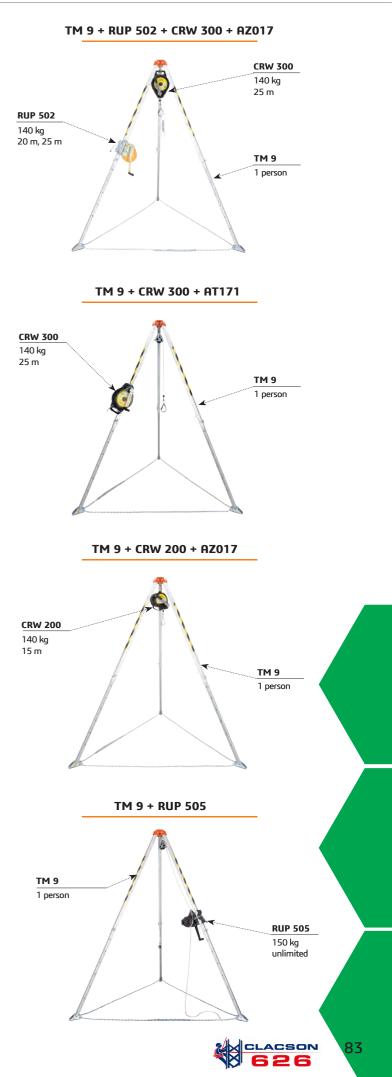
TM 9 + CRW 200 + AT173



TM 9 + CRW 300 + AZ017

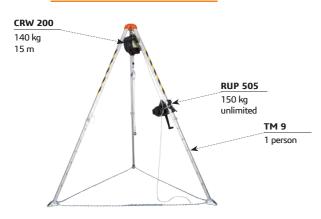


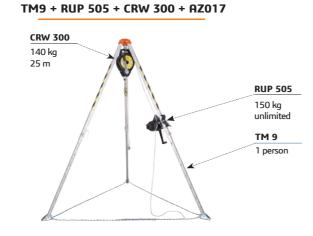
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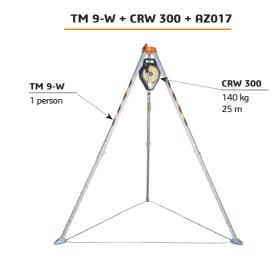


TM 9 + RUP 505 + CRW 200 + AZ 017

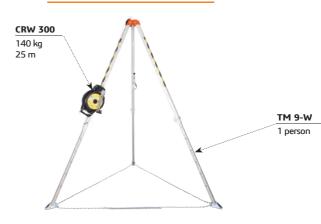
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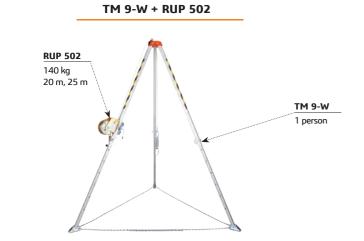




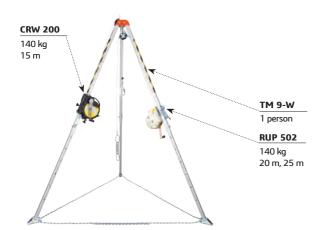
TM 9-W + CRW 300 + AT171

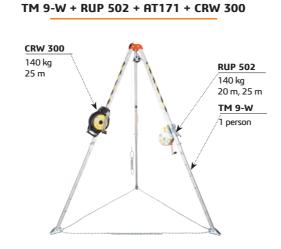


TM 9-W + RUP 505 + CRW 200



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

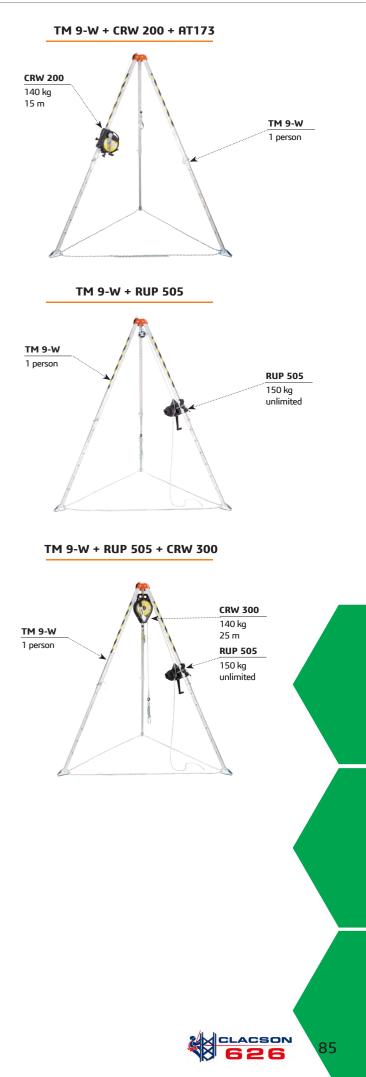


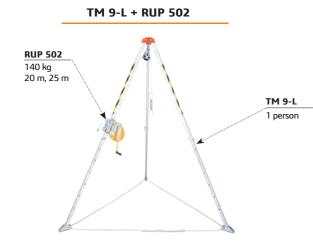


TM 9-W + CRW 200 + AZ017

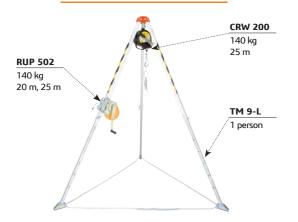


CRW 200 140 kg 15 m 150 kg unlimited TM 9-W 1 person





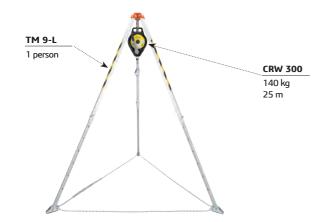
TM 9-L + RUP 502 + CRW 200 + AZ017



TM 9-L + CRW 200 + AT173



TM 9-L + CRW 300 + AZ017

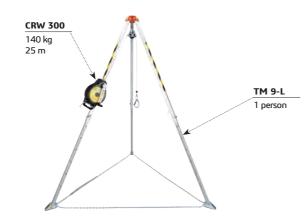




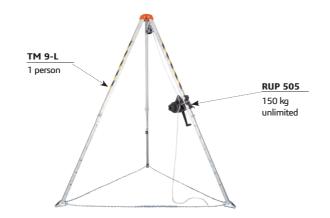
TM 9-L + CRW 200 + AZ017

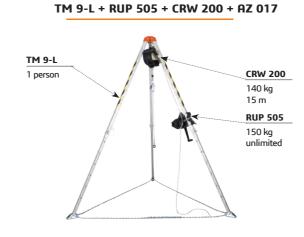


TM 9-L + CRW 300 + AT171



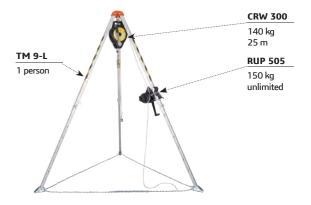
TM 9-L + RUP 505



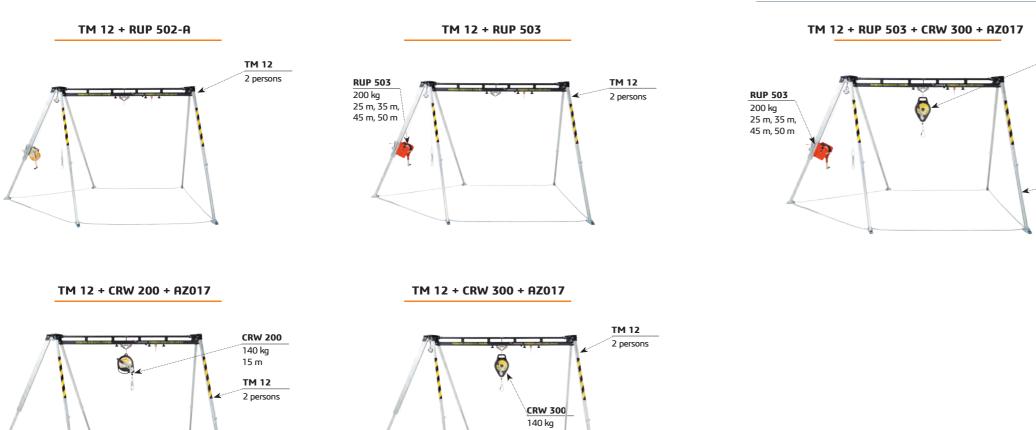


R

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







25 m



RUP 502-A 200 kg 25 m, 35 m, 45 m, 50 m CRW 300 140 kg 25 m <sup>-</sup> TM 12 2 persons

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

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



TM 12 + CRW 300 + AT172



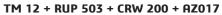
TM 12 + CRW 200 + AT174



TM 12 2 persons

R



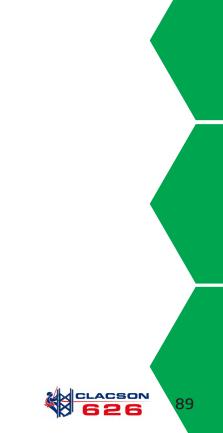


CRW 300

140 kg 25 m

TM 12

2 persons



TM 12-2 + RUP 502-A

R





TM 12-2 + RUP 503



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



CRW 200 140 kg 15 m <sup>~</sup> 4 TM 12-2 2 persons

TM 12-2 + CRW 200 + AZ017



TM 12-2 + CRW 200 + AT174

TM 12-2 + CRW 300 + AZ017



TM 12-2 + CRW 300 + AT172



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



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



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





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

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

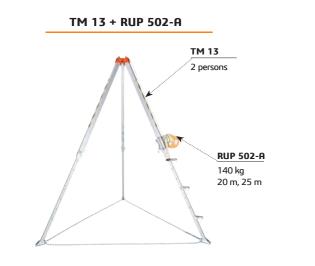


TM 12-2 + RUP 502-A + CRW 200 + AT174

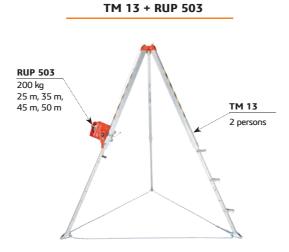


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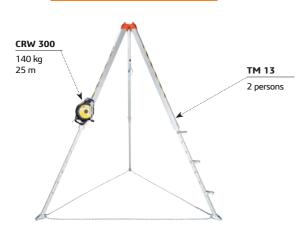
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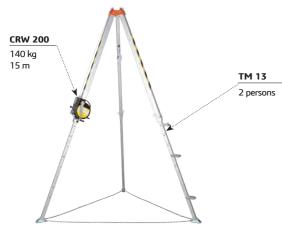
TM 13 + CRW 300 + AT172



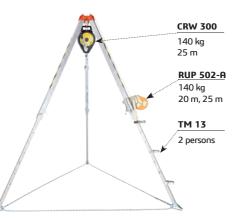
TM 13 + CRW 300 + AZ017

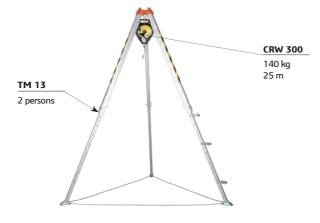


TM 13 + CRW 200 + AT174

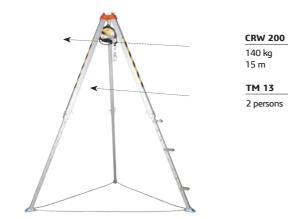


TM 13 + RUP 502-A + CRW 300 + AZ017

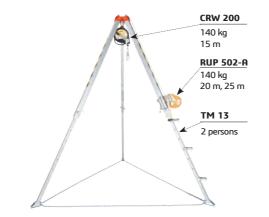




TM 13 + CRW 200 + AZ017

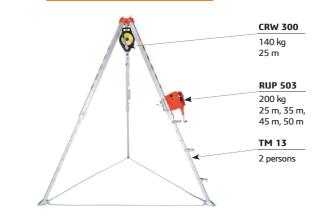


TM 13 + RUP 502-A + CRW 200 + AZ017

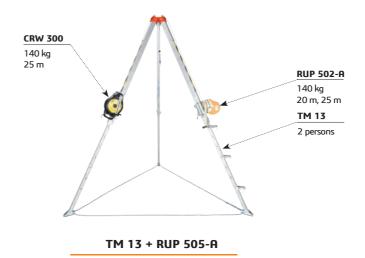


TM 13 + RUP 503 + CRW 300 + AT172 CRW 300 140 kg 25 m RUP 503 200 kg 25 m, 35 m, 45 m, 50 m TM 13 2 persons

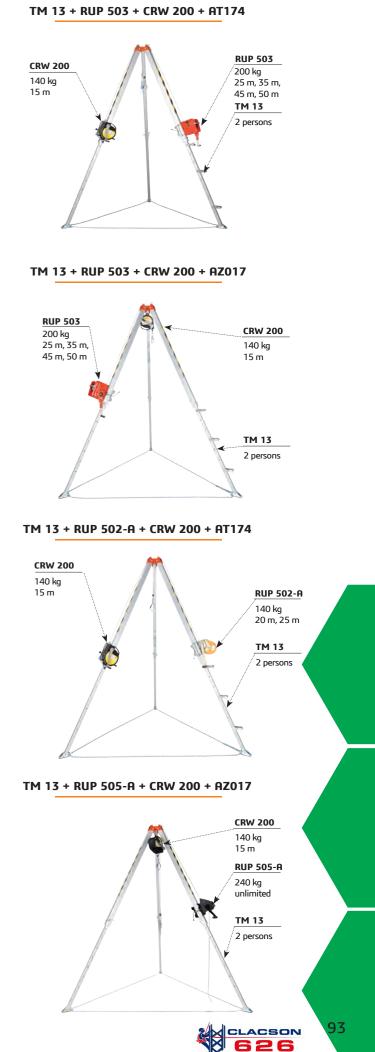
TM 13 + RUP 503 + CRW 300 + AZ017

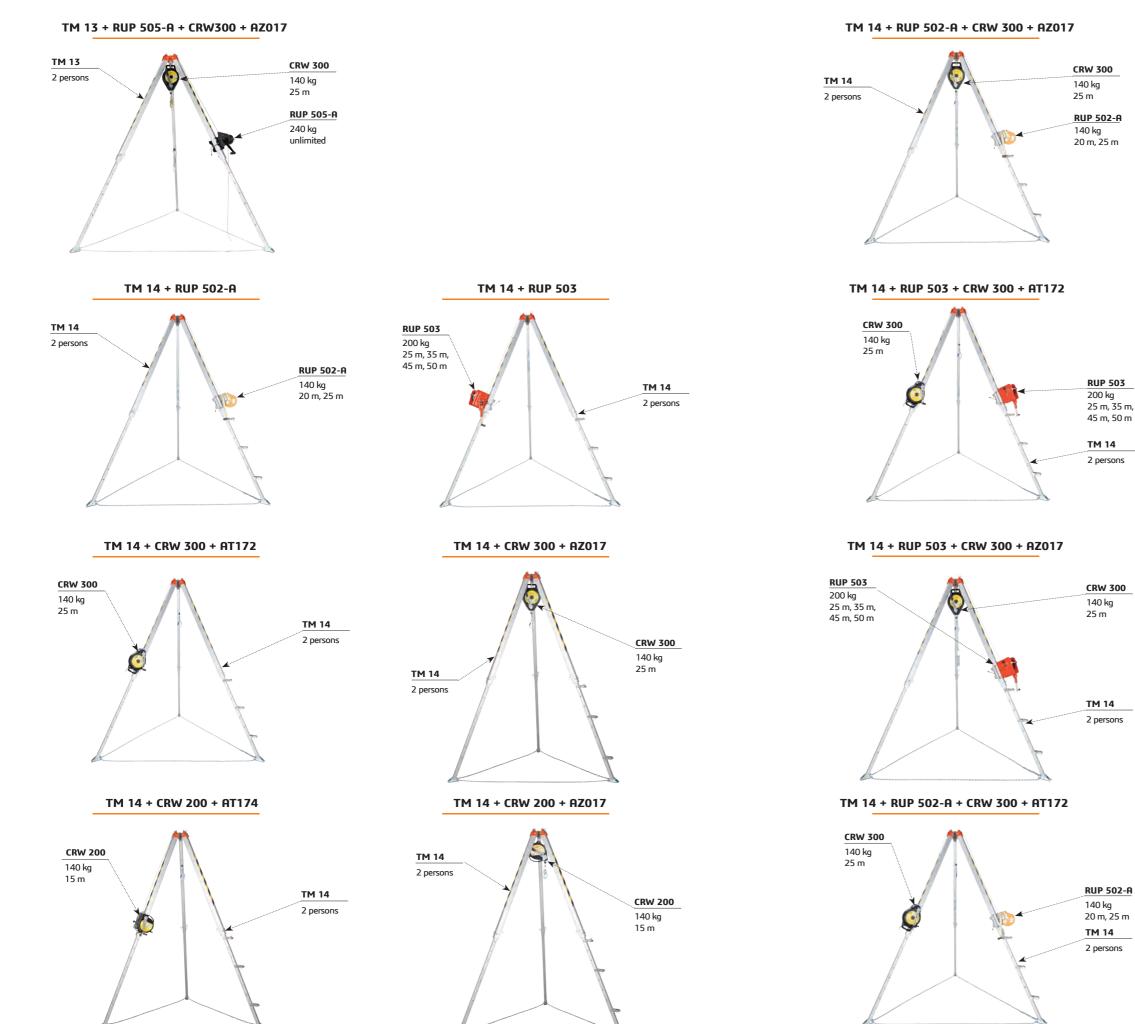


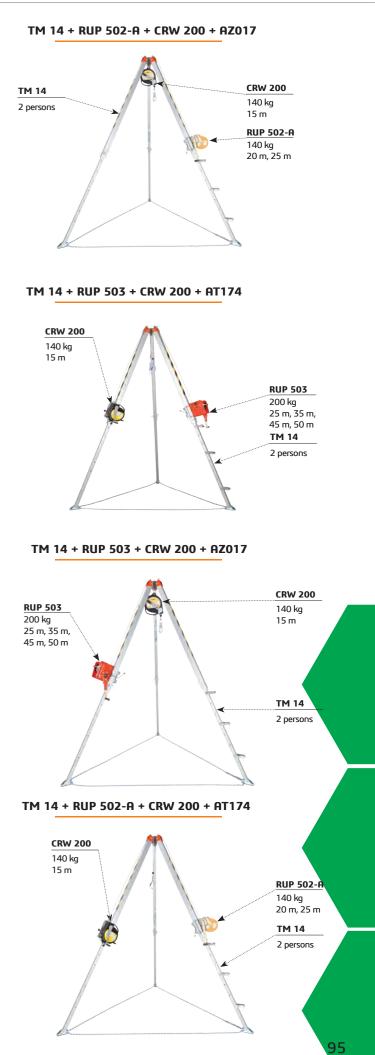
TM 13 + RUP 502-A + CRW 300 + AT172











# TM 12 + RUP 502-AT + CRW 300 + AZ017 CRW 300 140 kg 25 m TM 12 140 kg 20 m, 25 m

TM 12 + CRW 300 + AT172

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

 
 RUP 503
 TM 12

 200 kg
 2 persons

 25 m, 35 m, 45 m, 50 m
 CRW 300

 140 kg
 25 m
 TM 12-2 + RUP 502-AT + CRW 300 + AT172



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



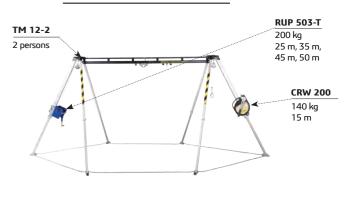
TM 12-2 + RUP 502-AT + CRW 300 + AT172



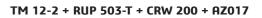


TM 12 + CRW 300 + AZ017



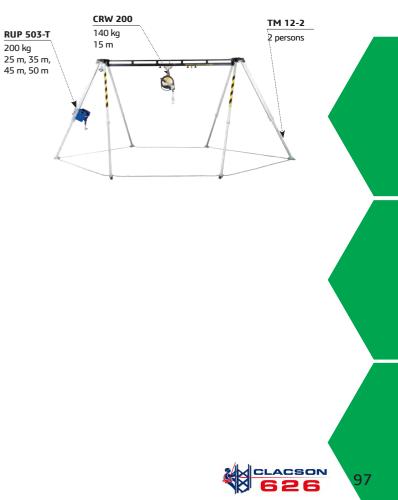


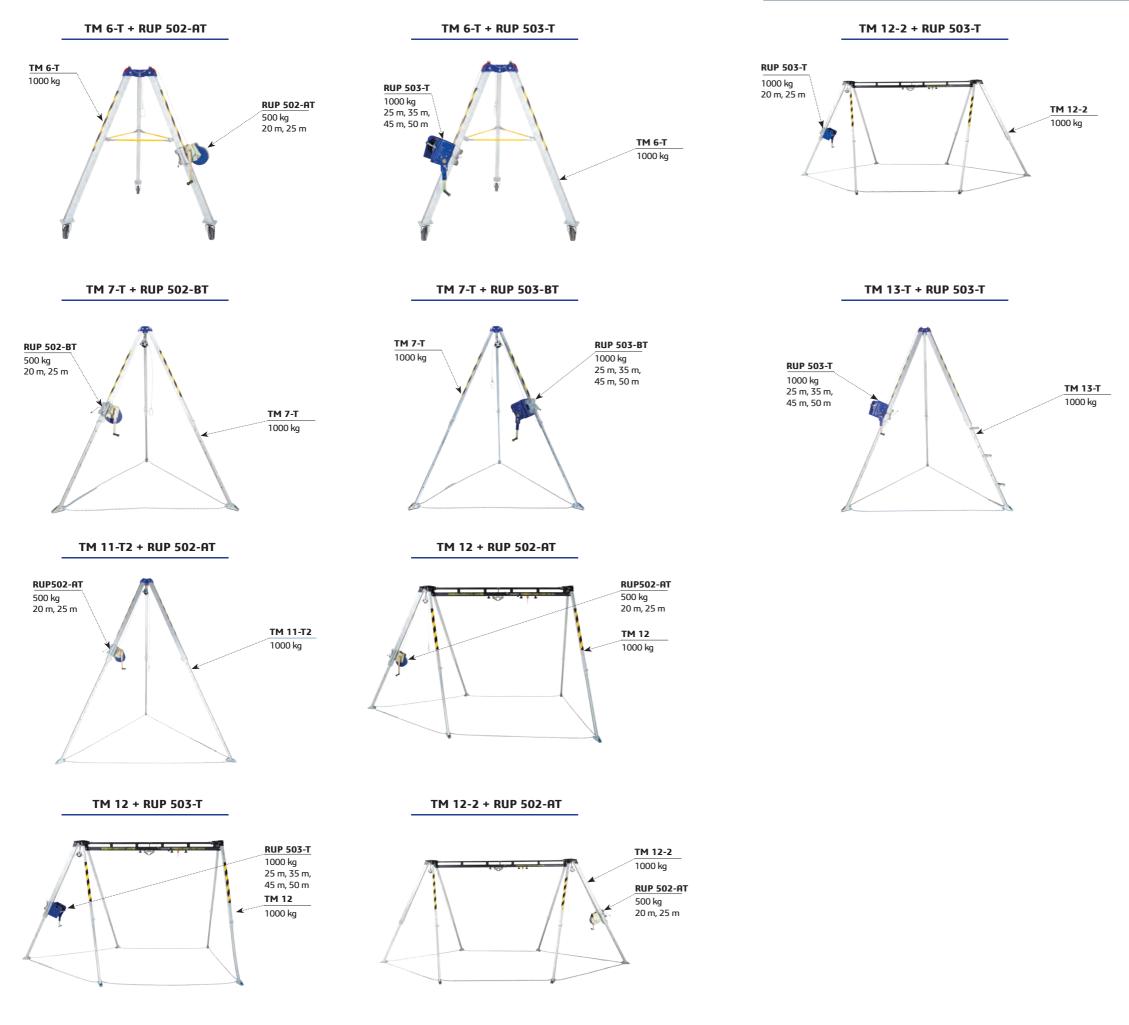
TM 12-2 + RUP 503-T + CRW 200 + AT174





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





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