



**Two-way tripod**

**UPSIDE DOWN TRIPOD**

[www.scan-go.eu](http://www.scan-go.eu)

**MANUAL OF USE**

July 2022

**SCAN&GO srl**  
Via della Tecnica 34 A/B - 41051  
Castelnuovo Rangone (MO) - Italy  
Cell. +39 3924627285  
[info@scan-go.eu](mailto:info@scan-go.eu)

# Upside Down Tripod *part number* UDT

## STEEL TELESCOPIC TRIPOD FOR UNDERGROUND

Upside down tripod is a telescopic lifter made of painted steel, with mechanical crank system

### Combines stability with great sturdiness.

All metallic components guarantee maximum durability and strength.

It is equipped with:

- heavy duty non-slip rubber feet
- 2 extensions of 1 meter each for overhead use
- holding screw with 5/8'' thread

Useful in all inaccessible underground places when is necessary to have scans at different depths.

### Benefits:

- Easy to move
- Short setup and uninstal time
- Fast system to get on and off
- Strong and secure rack system

**THE UPSIDE DOWN TRIPOD  
IS PERFECT FOR  
ALL LASER SCANNERS  
WITH MAXIMUM WEIGHT 30 kg**



### **ATTENTION !!!!**

READ CAREFULLY THE PRESENT INSTRUCTION  
MANUAL BEFORE USING THE EQUIPMENT

IT IS STRICLY FORBIDDEN THE USE OF THIS  
EQUIPMENT TO PEOPLE AGED LESS THAN 18



## TECHNICAL DATA

- |   |   |
|---|---|
| • Height when closed                        | 130 cm  |
| • Maximum Height opened                     | 300 cm  |
| • Depth of shaft with 2 extensions included | 200 cm  |
| • Max. depth of shaft                       | 1000 cm (with 8 additional extensions of 1 meter) |
| • Maximum load                              | 30 kg   |
| • Weight                                    | 10 kg   |

# DETAILS AND ACCESSORIES



- |          |  |
|----------|--|
| <b>1</b> | STRONG AND SECURE RACK SYSTEM                                |
| <b>2</b> | HOLDING SCREW WITH 5/8'' THREAD                              |
| <b>3</b> | DOUBLE PRESSURE KNOB TO MAKE THE EXTENDABLE POLE MORE STABLE |
| <b>4</b> | 2 ADJUSTABLE LEGS  |

## ACCESSORIES NOT INCLUDED to be ordered separately

<b>A</b>	EXTENSIONS OF 1 METER EACH	<b>EXT</b>
<b>B</b>	BRAKING WHEELS	<b>BW</b>
<b>C</b>	SAFETY ADAPTER FOR <b>RTC360</b>	<b>SA-RTC</b> <b>SA-38</b> <b>SA-P</b>
	SAFETY ADAPTER FOR <b>BLK360</b>	
	SAFETY ADAPTER FOR <b>P SERIES, Z+F, TRIMBLE X5 FARO X</b>	
	SAFETY ADAPTER FOR <b>TRIMBLE X7</b> SAFETY ADAPTER FOR <b>FARO S/M</b>	<b>SA-X7</b> <b>SA-FSM</b>



# INSTRUCTION FOR INSTALLATION AND USE

INSERT THE CRANK AND LOCK WITH THE KNOB



INSERT STOP KNOBS



TRIPOD OPENING



LIFTING



BLOCK THE POSITION



# INSTRUCTION FOR OVERHEAD USE

SCREW THE ADAPTER INTO THE 5/8'' THREAD AND INSERT THE SCANNER



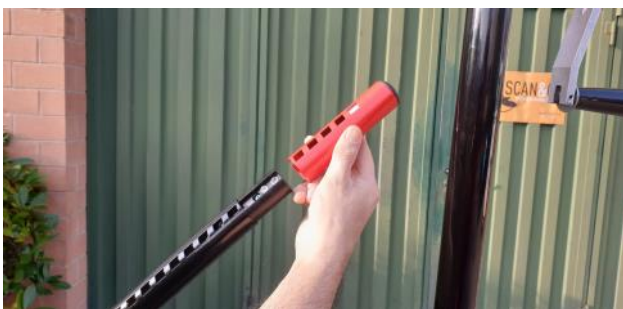
BY USING THE SUPPLIED ALLEN KEY, UNLOCK THE RED SAFETY TERMINAL



BY HOLDING DOWN THE SAFETY CATCH, SLIDE UP THE RED TERMINAL



BY KEEPING THE SAFETY LOCK OF THE EXTENSION PRESSED, INSERT THE RED TERMINAL INTO THE LAST EXTENSION TO BE USED



BLOCK THE TERMINAL WITH ALLEN KEY INCLUDED



# INSTRUCTION FOR INSTALLATION AND USE

WHILE HOLDING DOWN THE SAFETY CATCH, INSERT THE EXTENSION AND LOCK WITH ALLEN KEY



BY HOLDING DOWN THE SAFETY BUTTON ROTATE THE CRANK TO LOWER THE SCANNER

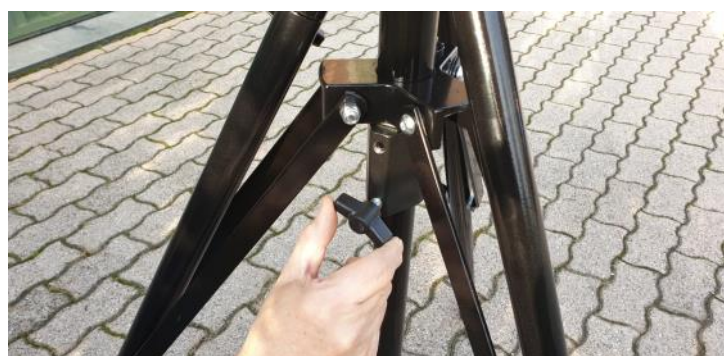


## ATTENTION

THE RED SAFETY TERMINAL MUST ALWAYS BE FIXED AT THE END OF THE LAST EXTENSION

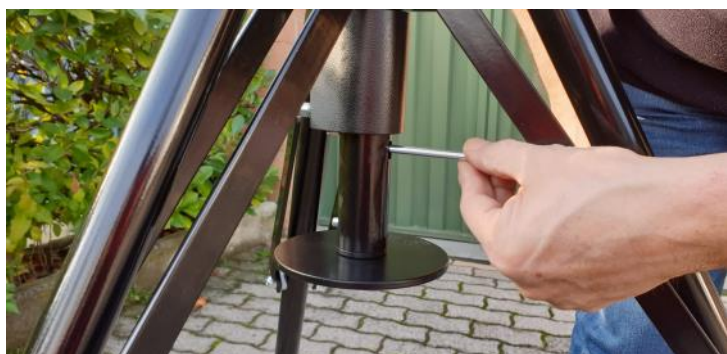


WHEN THE SCANNER HAS REACHED THE DESIRED DEPTH, LOCK THE STOP KNOBS OF THE EXTENSION. BEFORE RAISING THE SCANNER LOOSEN THE SAME LOCKS



# INSTRUCTION FOR INSTALLATION AND USE

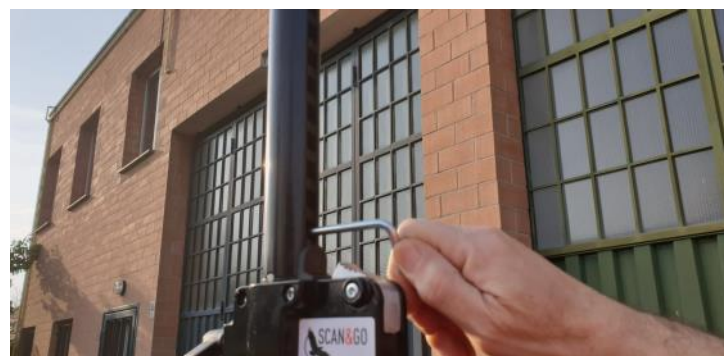
LOOSEN THE BOLTS AND REMOVE BOTH TERMINALS BY PRESSING THE SAFETY BUTTON



INSERT THE TERMINAL WITH 5/8" THREAD ON THE TOP OF THE EXTENSION BY BLOCKING THE STOP BOLT WITH ALLEN KEY

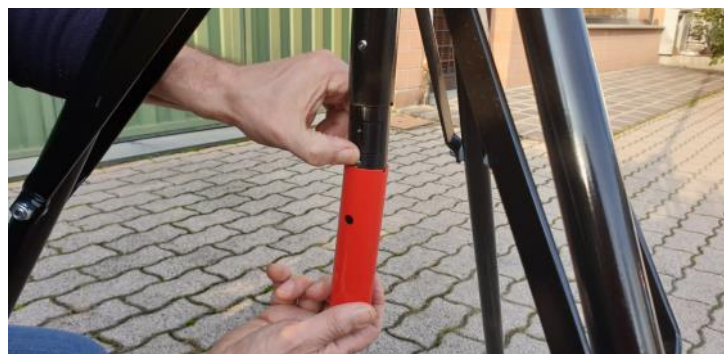


INSERT AND BLOCK THE EXTENSION



# INSTRUCTION FOR INSTALLATION AND USE

INSERT AND LOCK THE RED SAFETY TERMINAL ON THE LOWER PART



STOP RAISING AS SOON AS THE RED TERMINAL APPEARS ON THE TOP OF THE TRIPOD AND TIGHTEN THE TOP STOP KNOB





**THE USE OF THE EQUIPMENT IS STRICTLY FORBIDDEN TO MINORS UNDER THE AGE OF 18**



**PAY EXTREME ATTENTION TO SUSPENDED ELECTRIC CABLES, DO NOT APPROACH THE TOP OF THE POLE WITHIN 3 METERS**



**IT IS STRICTLY FORBIDDEN TO EXCEED THE MAXIMUM PAYLOAD SPECIFIED IN TECHNICAL DETAILS**

### **SAFETY MEASURES**

IF USED OUTDOORS IT IS COMPULSORY TO SECURE THE ELEVATOR AGAINST SUDDEN WIND ACTIONS.

POSSIBLY, WEIGHTS CAN BE USED TO BE POSITIONED ON THE FEET OF THE ELEVATOR.

DO NOT PLACE STAIRS ON THE ELEVATOR.

DO NOT MOVE THE LIFT WHEN IT IS RAISED OR LOWERED

THE ELEVATOR IS NOT APPROVED FOR LIFTING HUMAN BEINGS.

ALWAYS LOCK THE EXTENSIONS WITH THE APPROPRIATE SCREW

IF YOU USE THE ELEVATOR IN THE PRESENCE OF OTHER PEOPLE, SURROUND IT WITH BARRIER

# PRESCRIPTIONS

## LIMITS OF USE

MAXIMUM LOAD (see the technical data) refers to the weight that can be installed on the top of the mast to ensure a safe use. All loading conditions that exceed the limit will be considered as dangerous and will result in an immediate end of any form of warranty.

The STRENGTH OF THE WIND must be considered. If there is a strong wind, the manufacturer is not responsible of damages that may be caused by the inappropriate use of the equipment such as tipping etc.

## RISKS RELATED TO THE USE

RISK OF FALLING of the equipment extended in height, resulting from the action of wind that has not been evaluated adequately.

CONTACT WITH ELECTRICAL CABLES, avoiding the risks is possible if the product is used properly by paying attention to the possible sources of danger present in the area. Please, remember that the electrical cables for high voltage, may define the electric discharge to the ground simply approaching and not necessarily touching the conductor.

It is therefore recommended to limit, as far as possible, the influence of the above risks, both for the operational staff and for strangers, in the following way:

- *prohibit the transit and parking space surrounding the Upside Down Tripod*
- *maintain the efficiency of the equipment*

**Prohibited the use of the lifter in the installer mode different from the original configuration and delivery processes other than those provided by the manufacturer.**

**Prohibited the use of the lifter in presence of functional anomalies and discrepancies in the rules of use and safety instructions given in this manual. If needed, please ask and wait for intervention of the staff in charge.**

## INSTRUCTIONS FOR DEMOLITION

The demolition of the pole must be done by qualified personnel in such activities and provided with adequate expertise.

The disassembled components must be separated according to the nature of the materials they are made in compliance with the applicable laws of "different waste".



# PRESCRIPTIONS

**The use in the presence of functional anomalies and discrepancies in the terms of use and safety instructions described in this manual. If something happens, request and wait for assistance from the personnel.**

The instructions, drawings and documentation contained in this document are of confidential technical nature, of property of the manufacturer and may not be reproduced in any manner, either wholly, or in part.

The manufacturer reserves the right to make changes and improvements at any time, without any modification to this manual, and without prior notice.

This document must be kept for future reference, until the scrapping of the machine and must be made available to the operators.

If the unit is sold or leased, both the person who rents and the one who offer the service, is obliged to give the manual to the new owner or user.

The original instructions are provided by the manufacturer in the Italian language.

This document assumes that in the places where the equipment is sold, users respect the safety standards in force in the country.

If the manual is lost or damaged, you can request a copy to the dealer, providing the data of the model, serial number and year of construction.

Do not use the manual for any purpose other than the use and maintenance of the product

## **WARRANTY AND DISCLAIMER OF LIABILITY**

**The product warranty is of 12 months from the date of the invoice.**

SCAN & GO S.r.l. will support, at its discretion, the repairment and / or replacement of parts with manufacturing defects or damages during the warranty period, after having evaluated the fail-ure.

The shipping cost of the damaged/defective parts during the warranty period, and the labour for its removal and replacement , are not included in the warranty, and may be approved only after prior written request and consequent authorization.

The warranty does not cover cases of normal wear and tear, negligence in use, improper maintenance and im-proper use.

The warranty lapses in case the 'machine' is equipped with non-original accessories or parts.

In no event SCAN & GO srl will cover the expenses, for loss or damage of any kind resulting from the use more or less correct or from the partial or total malfunctioning of the equipment.

The goods travel at the risk of the recipient, any damage incurred during the shipment must be claimed at the delivery by the courier in charge.

**The manufacturer is deemed non-responsible in the case of:**

- inappropriate use of the Tripod;
- use of the equipment, against to any other applicable national regulations;
- serious lack of attention in the maintenance;
- interventions or unauthorized modifications;
- use of non-original parts or replacing parts;
- failure to comply, in whole or in part, of the instructions;
- exceptional events.



NEW surveying technology & solutions

