

**TRIPODS**



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## Get the Maximum Accuracy out of your Surveying Instrument

The stability of a tripod has great impact on the precision achieved with a levelling instrument, a construction laser, a total station or a 3D laser scanner. Depending on the type of instrument, tripods have to meet different requirements and specifications.

Bearing this in mind, Nedo has developed a unique range of tripods comprising aluminium tripods, elevating tripods, wooden tripods and practical accessories. The latest addition are Carbon Line and Industrial Line elevating tripods which are designed specifically for use with 3D laser scanners.







## Standard or Elevating Tripod?

Nedo standard tripods without a crank mechanism are ideal for levelling tasks with builders' levels or horizontal lasers. Nedo elevating tripods are recommended for applications that require an exact adjustment of the construction laser to a certain working height, e.g. in ceiling construction and other installation work. The desired working height, even of heavy-duty rotating lasers, can be adjusted quickly with Nedo elevating tripods.

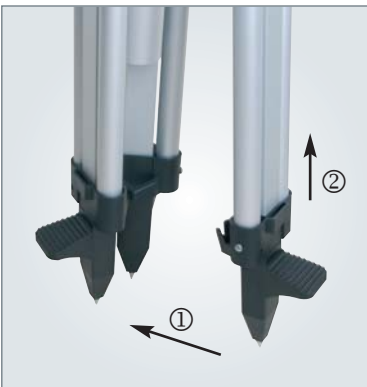


## Aluminium, Wood or Carbon?

Modern construction tripods are made of aluminium. Nedo aluminium tripods are lightweight, extremely robust and rigid. They are suitable for the use of builders' levels, rotating lasers and builders' theodolites. Surveyors however, prefer wooden tripods for high-precision instruments as they feature a better damping behaviour and are less affected by temperature changes than aluminium tripods.

The wooden parts of all Nedo wooden tripods are coated with a high-tech plastic material to protect them against moisture. This ensures that Nedo wooden tripods are extremely weatherproof and robust.

In addition to rigidity, the weight of a tripod plays an important role in the use of mobile 3D laser scanners. Carbon-fibre-reinforced plastic (CFRP) is a modern composite material that combines high rigidity and low weight. That is why users of 3D laser scanners rely on Nedo Carbon Line tripods in mobile applications.



## Strapless-Go Leg locking system without a strap

Many Nedo tripods and elevating tripods are equipped with the new Strapless-Go leg locking system without a strap. The tripod legs snap together automatically when they are pushed in. It's quick and convenient. No more troublesome strapping to hold legs in place for transport.

To release the lock, simply pull out the leg with the printed marking. The legs immediately unlock and you can set up the tripod.

**Break-proof  
aluminium levers**



## Details which matter

Nedo tripods set standards in terms of stability, reliability and extremely robust design. Furthermore, all Nedo tripods feature the following details which matter on the job:

- **Aluminium quick release levers: perfect for the use under tough conditions on the construction site**
- **Brass hinge pins: robust and reliable**
- **Retaining screw with plumb bob hook that folds away to the side: perfect for the use of an optical or a laser plummet**

Nedo tripods for use in interior finishing are equipped with a slip guard that prevents the tripod legs from slipping on slippery floors.



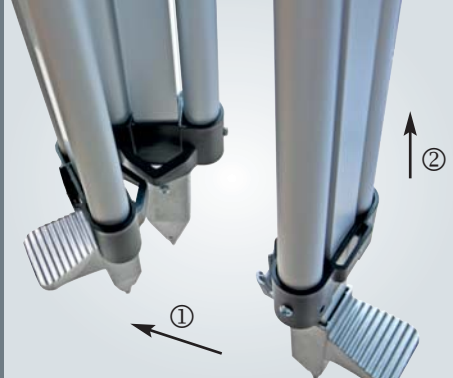
## Elevating Tripods with Indirect Gear

A reduction gear in between the crank and the toothed rack allows for maximum convenience to set up even heavy rotating lasers at the desired working height. Furthermore the reduction gear unit prevents any unintended descent of the laser when the locking screw is released.



## Combi tripod feet

For work on uneven outdoor terrain activate the steel points by screwing in the rubber balls. Hide the steel points with the rubber balls when working on smooth or sensitive floors.



### Strapless-Go: leg locking system without a strap

Many Nedo tripods and elevating tripods are equipped with the new leg locking system without a strap. The tripod legs snap together automatically when they are pushed in. It's quick and convenient. No more troublesome strapping to hold legs in place for transport.

To release the lock, simply pull out the leg with the printed marking.

The legs immediately unlock and you can set up the tripod.



## Lightweight Aluminium Tripods



### Tripod Ref.-No. 200 631

- Min. effective height approx. 0.53 m
- Max. effective height approx. 0.85 m
- Retracted length approx. 0.61 m
- Holding screw: 5/8" thread
- Weight approx. 2.40 kg
- Tripod head flat, Ø 140 mm

#### Features:

- Aluminium tripod head
- Quick clamp
- Strapless-Go: leg locking system without a strap
- Slip guard

#### Suitable for:

- Builders' levels
- Rotating lasers



### Tripod Ref.-No. 200 215-637 (flat head)

### Tripod Ref.-No. 200 216-613 (domed head)

- Min. effective height approx. 0.93 m
- Max. effective height approx. 1.54 m
- Retracted length approx. 0.99 m
- Holding screw: 5/8" thread
- Weight approx. 3.55 kg
- Tripod head flat, Ø 140 mm

#### Features:

- Tripod head and joints made of aluminium
- Quick clamp
- Carrying strap

#### Suitable for:

- Builders' levels
- Rotating lasers



### Tripod Ref.-No. 200 220-613

- Min. effective height approx. 0.95 m
- Max. effective height approx. 1.63 m
- Retracted length approx. 1.06 m
- Holding screw: 5/8" thread
- Weight approx. 3.16 kg
- Tripod head flat, Ø 137 mm

#### Features:

- Tripod head and joints made of aluminium
- Quick clamp
- Carrying strap

#### Suitable for:

- Builders' levels
- Rotating lasers



### Tripod Ref.-No. 200 221

- Min. effective height approx. 0.91 m
- Max. effective height approx. 1.69 m
- Retracted length approx. 1.06 m
- Holding screw: 5/8" thread
- Weight approx. 3.41 kg
- Tripod head flat, Ø 140 mm

#### Features:

- Aluminium tripod head
- Quick clamp
- Strapless-Go: leg locking system without a strap
- Slip guard
- In accordance with ISO 12858-2-LF

#### Suitable for:

- Builders' levels
- Rotating lasers

## Medium-Duty Aluminium Tripods



**Tripod Ref.-No. 200 412-614** (with slip guard)  
**Tripod Ref.-No. 200 412** (without slip guard)

- Min. effective height approx. 0.78 m
- Max. effective height approx. 1.18 m
- Retracted length approx. 0.82 m
- Holding screw: 5/8" thread
- Weight approx. 4.00 kg
- Tripod head flat, Ø 140 mm

### Features:

- Tripod head and joints made of aluminium
- Quick clamp
- Slip guard (Tripod Ref.-No. 200 412-614)

### Suitable for:

- Dot and line lasers
- Rotating lasers
- Pipe lasers



**Tripod Ref.-No. 200 225**

- Min. effective height approx. 0.91 m
- Max. effective height approx. 1.69 m
- Retracted length approx. 1.06 m
- Holding screw: 5/8" thread
- Weight approx. 3.57 kg
- Tripod head flat, Ø 140 mm

### Features:

- Aluminium tripod head
- Quick clamp
- Carrying strap
- Slip guard
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-LF

### Suitable for:

- Builders' levels
- Rotating lasers
- Theodolites



**Tripod Ref.-No. 200 203**

- Min. effective height approx. 1.00 m
- Max. effective height approx. 1.71 m
- Retracted length approx. 1.07 m
- Holding screw: 5/8" thread
- Weight approx. 4.25 kg
- Tripod head flat, Ø 168 mm

### Features:

- Tripod head and joints made of aluminium
- Large, round tripod head
- Quick clamp
- Carrying strap
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-LF

### Suitable for:

- Builders' levels
- Rotating lasers
- Theodolites



**Tripod Ref.-No. 200 250**

- Min. effective height approx. 1.01 m
- Max. effective height approx. 1.63 m
- Retracted length approx. 1.07 m
- Holding screw: 5/8" thread
- Weight approx. 4.60 kg
- Tripod head flat, Ø 154 mm

### Features:

- Tripod head and joints made of aluminium
- Quick clamp
- Carrying strap

### Suitable for:

- Builders' levels
- Rotating lasers
- Theodolites



## Heavy-Duty Aluminium Tripods



**Tripod Ref.-No. 200 200**

- Min. effective height approx. 1.08 m
- Max. effective height approx. 1.72 m
- Retracted length approx. 1.14 m
- Weight approx. 5.00 kg
- Holding screw: 5/8" thread
- Tripod head flat, Ø 140 mm

### Features:

- Tripod head and joints made of aluminium
- Quick clamp
- In accordance with ISO 12858-2-LF

### Suitable for:

- Builders' levels
- Rotating lasers
- Theodolites



**Tripod Ref.-No. 200 233**

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.72 m
- Retracted length approx. 1.10 m
- Weight approx. 4.70 kg
- Holding screw: 5/8" thread
- Tripod head flat, Ø 140 mm

### Features:

- Tripod head and joints made of aluminium
- Wing nut clamp
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-LF

### Suitable for:

- Builders' levels
- Rotating lasers
- Theodolites



**Tripod Ref.-No. 200 312**

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.71 m
- Retracted length approx. 1.09 m
- Weight approx. 4.30 kg
- Holding screw: 5/8" thread
- Tripod head domed, Ø 140 mm

### Features:

- Tripod head and joints made of aluminium
- Quick clamp
- Domed head
- Strapless-Go leg locking system without a strap
- In accordance with ISO 12858-2-LS

### Suitable for:

- Builders' levels
- Rotating lasers



**Tripod Ref.-No. 200 204**

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.72 m
- Retracted length approx. 1.10 m
- Holding screw: 5/8" thread
- Weight approx. 5.20 kg
- Tripod head flat, Ø 167 mm

### Features:

- Tripod head and joints made of aluminium
- Large, round tripod head
- Quick clamp
- Snap Cap
- Carrying strap
- In accordance with ISO 12858-2-H

### Suitable for:

- Builders' levels
- Theodolites
- Total stations
- Rotating lasers

# Lightweight Elevating Tripods



**Tripod Ref.-No. 210 619-613**

- Min. effective height approx. 0.57 m
- Max. effective height approx. 1.66 m
- Retracted length approx. 0.60 m
- Holding screw: Interchangeable tripod head with 1/4" and 5/8" thread
- Weight approx. 1.65 kg
- Adjustable column range 300 mm

## Features:

- Quick clamp
- Slip guard
- Circular bubble in tripod head
- Carrying bag
- Interchangeable tripod head with 1/4" and 5/8" thread

## Suitable for:

- Dot and line lasers
- Lightweight rotating lasers



**Tripod Ref.-No. 210 642-616**

- Min. effective height approx. 0.59 m
- Max. effective height approx. 1.66 m
- Retracted length approx. 0.64 m
- Weight approx. 1.90 kg
- Holding screw: 1/4" thread
- Adjustable column range 260 mm

## Features:

- Quick clamp
- Slip guard
- Tilting head
- Spirit level on tilting head
- Carrying bag

## Suitable for:

- Dot and line lasers
- Laser receiver
- Laser distance meters



**Tripod Ref.-No. 210 618**

- Min. effective height approx. 0.60 m
- Max. effective height approx. 1.51 m
- Retracted length approx. 0.80 m
- Holding screw: 5/8" thread
- Weight approx. 4.50 kg
- Tripod plate, Ø 110 mm
- Telescopic section 1-fold
- Adjustable column range 414 mm

## Features:

- Indirect gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube

## Suitable for:

- Rotating lasers



The crank of elevating tripods with indirect gear moves the height adjustable column via a reduction gear unit. This allows the desired height to be set precisely even with heavy-duty lasers. Furthermore, the reduction gear unit prevents any unintentional descent of the laser when the locking screw is opened. The indirect gear is a particularly convenient solution, especially when using heavy-duty rotating lasers.



## Medium-Duty Elevating Tripods



**Tripod Ref.-No. 210 614**

- Min. effective height approx. 0.74 m
- Max. effective height approx. 1.73 m
- Retracted length approx. 0.88 m
- Holding screw: 5/8" thread
- Weight approx. 5.20 kg
- Tripod plate, Ø 110 mm
- Telescopic section 1-fold
- Adjustable column range 545 mm

### Features:

- Indirect gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube

### Suitable for:

- Rotating lasers



**Tripod Ref.-No. 210 616**

- Min. effective height approx. 0.78 m
- Max. effective height approx. 2.03 m
- Retracted length approx. 1.02 m
- Holding screw: 5/8" thread
- Weight approx. 5.10 kg
- Tripod plate, Ø 110 mm
- Telescopic section 1-fold
- Adjustable column range 545 mm

### Features:

- Indirect gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube
- Strapless-Go leg locking system without a strap

### Suitable for:

- Rotating lasers



**Tripod Ref.-No. 210 621**

- Min. effective height approx. 0.80 m
- Max. effective height approx. 2.76 m
- Retracted length approx. 1.06 m
- Weight approx. 5.32 kg
- Tripod plate, Ø 110 mm
- Telescopic section 2-fold
- Adjustable column range 580/642 mm

### Features:

- Direct gear
- Quick clamp
- Slip guard, circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube
- Double telescope
- Strapless-Go leg locking system without a strap

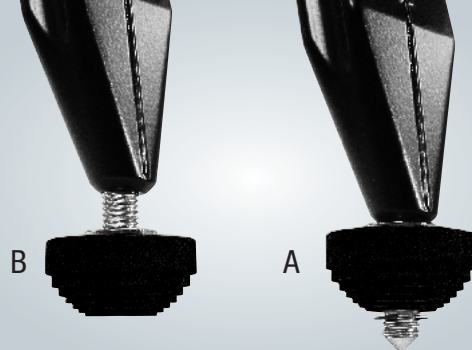
### Suitable for:

- Rotating lasers

### Combi Tripod Feet

For work on uneven outdoor terrain activate the steel points by screwing in the rubber balls (fig. A). Hide the steel points with the rubber balls when working on smooth or sensitive floors (fig. B).

Ref.-No. 660 121



## Heavy-Duty Elevating Tripods



**Tripod Ref.-No. 210 676**

- Min. effective height approx. 0.90 m
- Max. effective height approx. 2.36 m
- Retracted length approx. 1.21 m
- Weight approx. 5.74 kg
- Tripod plate, Ø 110 mm
- Holding screw: 5/8" thread
- Telescopic section 1-fold
- Adjustable column range 545 mm

#### Features:

- Indirect gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube
- Strapless-Go leg locking system without a strap

#### Suitable for:

- Rotating lasers
- Heavy-duty rotating lasers



**Tripod Ref.-No. 210 675**

- Min. effective height approx. 0.80 m
- Max. effective height approx. 2.40 m
- Retracted length approx. 1.04 m
- Weight approx. 6.60 kg
- Tripod plate, Ø 110 mm
- Holding screw: 5/8" thread
- Telescopic section 2-fold
- Adjustable column range 490/520 m

#### Features:

- Double telescope
- Indirect gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube
- Accessory: Combi tripod feet

#### Suitable for:

- Rotating lasers
- Heavy-duty rotating lasers



**Tripod Ref.-No. 210 678**

- Min. effective height approx. 1.01 m
- Max. effective height approx. 2.94 m
- Retracted length approx. 1.32 m
- Weight approx. 7.44 kg
- Tripod plate, Ø 110 mm
- Holding screw: 5/8" thread
- Telescopic section 2-fold
- Adjustable column range 490/520 mm

#### Features:

- Double telescope
- Indirect gear
- Reinforced telescopes
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube
- Accessory: Combi tripod feet

#### Suitable for:

- Rotating lasers
- Heavy-duty rotating lasers

Additional leg struts give the elevating tripods extra strength, making them suitable for use with heavy-duty lasers or for work at great heights, such as in ceiling construction. In addition, leg struts permit the use of tripods with castors. In this way tripods and instruments can be quickly and easily moved to the place of deployment.

Ref.-No. 660110



## Heavy-Duty Elevating Tripods with Additional Leg Struts



**Tripod Ref.-No. 210 680**

- Min. effective height approx. 0.85 m
- Max. effective height approx. 3.02 m
- Retracted length approx. 1.32 m
- Holding screw: 5/8" thread
- Weight approx. 8.75 kg
- Tripod plate, Ø 110 mm
- Telescopic section 2-fold
- Adjustable column range 600/590 mm

### Features:

- Double telescope
- Indirect gear
- Reinforced telescopes
- Additional leg struts
- Quick clamp
- Circular bubble
- Tripod head and joints made of aluminium
- Combi tripod feet
- mm graduation on telescopic tube
- Accessory: Combi tripod feet
- Accessory: Tripod castor set

### Suitable for:

- Rotating lasers
- Heavy-duty rotating lasers
- Laser Scanners



**Tripod Ref.-No. 210 442**

- Min. effective height approx 1.77 m
- Max. effective height approx. 4.00 m
- Retracted length approx. 1.87 m
- Holding screw: 5/8" thread
- Weight approx. 11.20 kg
- Tripod plate, Ø 110 mm
- Telescopic section 2-fold
- Adjustable column range 600/590 mm

### Features:

- Double telescope
- Indirect gear
- Reinforced telescopes
- Additional leg struts
- Dual clamp
- Circular bubble
- Tripod head and joints made of aluminium
- mm graduation on telescopic tube
- Accessory: Combi tripod feet
- Accessory: Tripod castor set

### Suitable for:

- Rotating lasers
- Heavy-duty rotating lasers
- Laser Scanners



## Tripods for Machine Control Applications

The sturdy design of the Jumbo tripod allows vibration-free use of the machine control laser, even in windy conditions. The large working height ensures that the laser beam does not lie in the shadow of construction vehicles or other obstacles. The indirect gear unit can easily move lasers to the required working height, even if they are heavy.

The Nedo Jumbo Tripod: the elevating tripod for heavy-duty machine control lasers.



### Features:

- Indirect gear
- Reinforced telescopes
- Additional leg struts
- Twist proof elevating column with centric clamp
- Circular bubble
- Quick clamp
- Slip guard
- mm graduation on telescopic tube
- Extra large tripod head made of aluminium

### Tripod Ref.-No. 210 530

- Min. effective height approx. 1.18 m
- Max. effective height approx. 3.10 m
- Retracted length approx. 1.51 m
- Holding screw: 5/8" thread
- Weight approx. 14.6 kg
- Tripod plate, Ø 167 mm
- Adjust. column range 908 mm

### Tripod Ref.-No. 210 540

- Min. effective height approx. 1.73 m
- Max. effective height approx. 4.01 m
- Retracted length approx. 1.94 m
- Holding screw: 5/8" thread
- Weight approx. 17.2 kg
- Tripod plate, Ø 167 mm
- Adjust. column range 908 mm

## Set of Rubber Joints

Set consisting of 3 rubber joints. The rubber-covered underside ensures stability and prevents damage to sensitive floors.

### Ref.-No. 660 010

Suitable for tripods:

200 100, 200 200, 200 204, 200 412, 200 511, 210 442, 210 530, 210 540, 210 675, 210 710







Large tripod head with 140 mm diameter and 5/8" connection thread.

The slip guard, with three settings, keeps the tripod legs from sliding away on smooth surfaces.



## *carbon line* Carbon Tripod for Laser Scanners

The new Nedo **Carbon Line tripod** was designed specifically for use with 3D laser scanners. Its high-quality tubular sections made of carbon-fiber-reinforced polymer (CFRP) make it especially light and at the same time extremely rigid. The legs of the **Carbon Line tripod** pull out in four sections, giving it a working area from 0.54 m to 1.65 m with a transport length of only 0.60 m.

An adjustable slip guard keeps the tripod legs from sliding away on smooth surfaces. Combi tripod feet allow use of the tripod on sensitive indoor floors as well as outdoors.

The Nedo Carbon Line tripod has a large, removable tripod head with a diameter of 140 mm for secure mounting of instruments with a 5/8" connection thread. The standard equipment also includes a smaller top plate for instruments with a 3/8" connection thread. A padded carrying bag is included.



### Features:

- Extremely light and robust tripod made of CFRP
- 4-section tripod legs
- Combi tripod feet
- Large top plate, 140 mm diameter, with 5/8" connection thread
- Small top plate, 74 mm diameter, with 3/8" connection thread
- Interchangeable head insert with 3/8" and 5/8" connection thread
- Maximum load
- Spirit level
- Adjustable slip guard
- Two tripod legs with softgrip

### Tripod Ref.-No. 200 700:

- Min. effective height approx. 0.54 m
- Max. effective height approx. 1.65 m
- Retracted length approx. 0.59 m
- Weight approx. 2.68 kg
- Maximum payload: 30 kg



A padded carrying bag, adapter plate with 3/8" connection thread, adapter plate with 5/8" connection thread and three hex keys are supplied as standard.



### Tripod Dolly

Sturdy tripod dolly with lockable wheels.

Ref.-No. 660 035







*industrial line* 

## Special Tripod for Laser Scanners

Unlike rotating lasers which are set up once a day and which remain unchanged in that position all day long, laser scanners require elevating tripods that allow to easily lift and lower heavy-duty laser scanners continuously. When working with laser scanners, elevating tripods have to cope with a higher load applied which results in more wear and tear especially in the gear unit. Industrial Line is a new series of tripods perfectly adjusted to meet the special requirements of laser scanners or heavy-duty instruments.

### Features:

- Indirect gear to easily lift and lower heavy instruments
- Reinforced gear unit for extra durability and less wear and tear
- Twist proof elevating column with centric clamp
- Tripod legs made of strong aluminium profiles and leg struts for extra stability
- Combi shoes for all terrain use



*industrial line* 

## Elevating Tripod for Laser Scanners

### Tripod Ref.-No. 210 700

- Min. effective height approx. 1.13 m
- Max. effective height approx. 2.76 m
- Retracted length approx. 1.28 m
- Weight approx. 9.3 kg
- Holding screw: 5/8" thread
- Tripod plat, Ø 110 mm
- Tripod head and joints made of aluminium
- Adjustable column range 910 mm
- mm graduation on telescopic tube





Circular level for simple alignment, even with an extended tripod



#### Scope of delivery:

Two way elevating tripod incl. basic gear column, 4 rack elements 1 m each in a carrying bag, 5 mm allen key, magnetic bit holder for cordless screwdriver, hand crank with magnetic bit holder, combi tripod feet and tripod adapter 3/8"

## industrial line

### Two Way Tripod

Nedo Industrial Line elevating tripod is designed especially for the use of 3D laser scanners. The laser scanner can be mounted either at the top or at the bottom of the elevating column ensuring maximum flexibility. When mounted at the top, the laser scanner can be easily lifted to the desired working height. The indirect gear unit allows for maximum convenience. For stability reasons, the maximum working height is limited to 4 m. For shaft applications, the column can be turned and the laser scanner mounted at the bottom of the elevating column and inserted from above the shaft cover into the shaft compartment. The toothed rack extends to almost any length. Additional rack elements are inserted into the elevating head and securely connected to the previously inserted toothed rack element with the aid of an innovative locking device. For even more comfort, the laser scanner can be lifted with a cordless power drill. A proper screw bit to replace the crank is supplied as a standard. Needless to say that the Industrial Line elevating tripod is equipped with a twist proof elevating column with centric clamping and combi tripod shoes for all-terrain use.

#### Tripod Ref.-No. 210 710

- Min. effective height approx. 1.12 m
- Max. effective height approx. 5.00 m
- Depth of shaft approx. 4.00 m
- Retracted length approx. 1.21 m
- Holding screw: 5/8" thread
- Tripod adapter: 3/8" thread
- Weight approx. 8.9 kg
- Tripod plate flat, Ø 110 mm
- Tripod head and joints made of aluminium
- Use of the laser scanner above and below the elevating tripod
- mm graduation on telescopic tube
- Twist proof elevating column with centric clamp
- Suitable for shafts with a diameter of 205 cm maximum



Video Industrial Line  
elevating tripod





## Accessories for Industrial Line Two Way Tripod



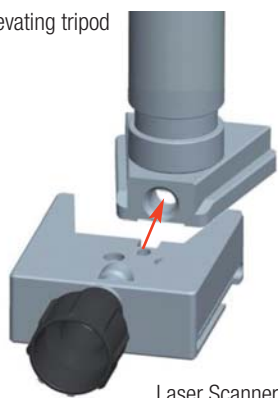
### Adapters for Laser Scanners

Depending on the weight, overhead mounting of a 3D laser scanner on a two way tripod with a 5/8" socket may be difficult. To make this easier, adapters can be supplied as optional accessories for various laser scanners. They permit safe and easy attachment to the tripod.

### Nedo Adapters for Laser Scanners

Ref.-No.	
660 040	Holding screw: 3/8" and 5/8" thread Adapter for Faro Focus 3D S series and M series
660 041	Adapter for Leica HDS6200, HDS6100 and HDS7000 as well as Zoller and Fröhlich Imager 5010
660 042	Adapter for Leica Scanstation P20, P30 and P40 as well as Zoller and Fröhlich Imager 5016
660 043	Adapter for TRIMBLE TX8

Elevating tripod



Laser Scanner



Video Adaptors for Laser Scanners  
for Industrial Line elevating tripods

### Tripod Dolly

Sturdy tripod dolly with large steerable and lockable wheels. The points of the tripod are placed in the recesses provided and the feet are secured with a flexible strap. Easy, safe and convenient.

The tripod dolly has only two shanks, allowing it to be maneuvered through narrow doors and providing easy access to a laser scanner. For shaft applications the shaft diameter shall not exceed 95 cm. The dolly can be folded up to save space in transport.

**Ref.-No. 660 030**



# Accessories for Industrial Line Two Way Tripods



## 3/8" Tripod Adapter

Tripod adapter made of metal.

### Order information:

- **Ref.-No. 061 837** Adapter for 5/8" thread to 3/8" thread (suitable for Faro Focus 3D, Leica BLK 360 and Trimble TX5)



## Extension Column

Extra extension column, 1m for Nedo two way tripod Ref.-No. 210 710.

**Ref.-No. 660 020**



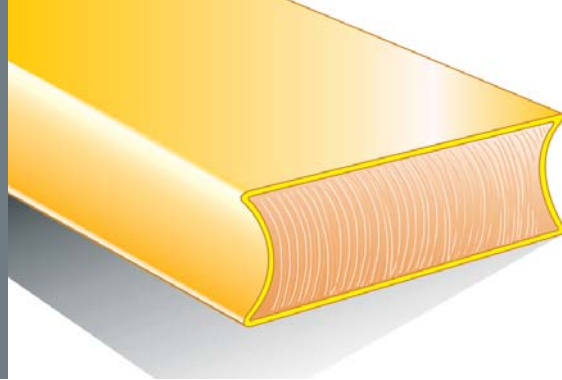
## Prisms-Adapter

Adapter with Leica tip  
For attachment of a Leica-compatible prism  
Perfect for quick calibration of a 3D scanner using a total station.

**Ref.-No. 660 050**



Nedo wooden tripods are made of carefully selected ash wood. All wooden parts are sealed with a high-tech plastic material that keeps moisture out. This ensures that there is no swelling, shrinking or splintering of wood and it makes Nedo wooden tripods extremely robust and weatherproof. Nedo wooden tripods are more durable than tripods with regular lacquering.



## Medium-Duty Wooden Tripods



**Tripod Ref.-No. 200 100**

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.65 m
- Retracted length approx. 1.09 m
- Holding screw: 5/8" thread
- Weight approx. 5.40 kg
- Tripod head flat, Ø 140 mm

### Features:

- Quick clamp
- Tripod head and joints made of aluminium
- Plastic-coated tripod legs
- Carrying strap
- In accordance with ISO 12858-2-LF

### Suitable for:

- Digital levels
- Builders' levels
- Theodolites
- Total stations



**Tripod Ref.-No. 200 133**

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.67 m
- Retracted length approx. 1.09 m
- Holding screw: 5/8" thread
- Weight approx. 5.10 kg
- Tripod head flat, Ø 140 mm

### Features:

- Wing nut clamp
- Tripod head and joints made of aluminium
- Plastic-coated tripod legs
- Carrying strap
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-LF

### Suitable for:

- Digital levels
- Builders' levels
- Theodolites
- Total stations



**Tripod Ref.-No. 200 530**

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.67 m
- Retracted length approx. 1.09 m
- Holding screw: 5/8" thread
- Weight approx. 5.80 kg
- Tripod head flat, Ø 167 mm

### Features:

- Large, round tripod head
- Wing nut clamp
- Plastic-coated tripod legs
- Tripod head and joints made of aluminium
- Snap Cap
- Carrying strap
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-LF

### Suitable for:

- Digital levels
- Builders' levels
- Theodolites
- Total stations

### When precise measurements are critical.

Tripods are subjected to different stresses depending on how they are used. Robotic Total Stations, for example, generate large torsion forces through acceleration and braking that must be absorbed.

A study carried out by the Faculty of Geodesy at the University of Karlsruhe has shown that heavy wooden tripods made by Nedo can achieve the most accurate measurement results. The test series included heavy-duty wooden tripods and wood-fiberglass tripods from various manufacturers.



## Heavy-Duty Wooden Tripods



### Tripod Ref.-No. 200 513

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.69 m
- Retracted length approx. 1.10 m
- Holding screw: 5/8" thread
- Weight approx. 7.60 kg
- Tripod plate flat, Ø 167 mm

### Features:

- Large, round tripod head
- Tripod head and joints made of aluminium
- Plastic-coated tripod legs
- Quick clamp
- Snap Cap
- Carrying strap
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-H

### Suitable for:

- Robotic total stations
- Total stations
- Digital levels
- Theodolites
- Heavy-duty rotating lasers



### Tripod Ref.-No. 200 533

- Min. effective height approx. 1.05 m
- Max. effective height approx. 1.70 m
- Retracted length approx. 1.12 m
- Holding screw: 5/8" thread
- Weight approx. 7.10 kg
- Tripod plate flat, Ø 167 mm

### Features:

- Large, round tripod head
- Tripod head and joints made of aluminium
- Plastic-coated tripod legs
- Wing nut clamp
- Snap Cap
- Carrying strap
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-H

### Suitable for:

- Robotic total stations
- Total stations
- Digital levels
- Theodolites
- Heavy-duty rotating lasers



### Tripod Ref.-No. 200 532

- Min. effective height approx. 1.05 m
- Max. effective height approx. 1.70 m
- Retracted length approx. 1.12 m
- Holding screw: 5/8" thread
- Weight approx. 7.10 kg
- Tripod plate flat, Ø 167 mm

### Features:

- Large, round tripod head
- Tripod head and joints made of aluminium
- Plastic-coated tripod legs
- Quick clamp
- Wing nut clamp
- Snap Cap
- Carrying strap
- Strapless-Go: leg locking system without a strap
- In accordance with ISO 12858-2-H

### Suitable for:

- Robotic total stations
- Total stations
- Digital levels
- Theodolites
- Heavy-duty rotating lasers



# Heavy-Duty Wooden Tripods



## Nedo Wooden Tripod with Fixed Tripod Legs

### Tripod Ref.-No. 200 511

- Min. effective height approx. 1.53 m
- Max. effective height approx. 1.53 m
- Retracted length approx. 1.61 m
- Holding screw: 5/8" thread
- Weight approx. 6.70 kg
- Tripod plate flat, Ø 167 mm

### Features:

- Large, round tripod head
- Plastic-coated tripod legs
- Fixed tripod legs
- Snap Cap

### Suitable for:

- Digital levels
- Theodolites
- Total stations
- Robotic total stations



## Extra Large Tripod Head

Metal tripod head, extra large version, Ø 167 mm

### Order information:

- Ref.-No. 660 150 fits Nedo elevating tripods with a column diameter of 28 mm
- Ref.-No. 660 160 fits Nedo elevating tripods with a column diameter of 36 mm
- Ref.-No. 660 170 fits Nedo elevating tripods with a column diameter of 45 mm



## Tripod Adapter

Tripod adapter made of metal.

### Order information:

- Ref.-No. 059 220 Adapter for 5/8" thread to 1/4" thread
- Ref.-No. 061 837 Adapter for 5/8" thread to 3/8" thread



In retrofitting, the Quick-Fix adapter plate is attached to the tripod with the clamping screw, and the round Quick-Fix adapter is attached to the instrument.



## Accessories for Tripods

### Nedo Quick-Fix

**Quick-Fix** is an innovative rapid locking system for attaching a level or laser to a tripod. The instrument can be fixed to the tripod without the need for a 5/8" clamping screw. No damage from falling, no wasted time. **Quick-Fix** fits any tripod with a 5/8" mounting thread.

**Ref.-No. 572 111**

#### Simple

With **Quick-Fix** the instrument can be securely fixed to the tripod and quickly taken off. You just move a lever.

#### Secure

Expensive damage from falling is prevented.

#### Fast

Place the instrument on the adapter plate, move the lever, done.



### Laser Bail

Ideal when laying screed. The laser bail is fixed to the end of the crank column. The rotating laser can be operated near the floor and the height can be easily adjusted using the crank mechanism. Laser bail fits any Nedo elevating tripod.

**Ref.-No. 660 131**



#### Nedo Laser Bail

Comfortable working near the floor



## Accessories for Tripods



### Tripod Bag

Length: 1350 mm

Ø: 240 mm

Ref.-No. 655 112-613



### Ballast Bag

Ballast bag for weighing down a tripod. The bag is attached to a tripod leg with two fixing straps.

Set consisting of 3 ballast bags and 6 fixing straps.

Ref.-No. 660 011



### Tripod Star

The Nedo tripod star (Ø 1 m) is especially useful for securing tripods in indoor work on smooth floors.

Ref.-No. 665 111

# Accessories for Tripods

## Combi Tripod Feet



For work on uneven outdoor terrain activate the steel points by screwing in the rubber balls (fig. A). Hide the steel points with the rubber balls when working on smooth or sensitive floors (fig. B).

**Ref.-No. 660 121**

Suitable for tripods:

200 100, 200 200, 200 204, 200 412, 200 511, 210 442, 210 530, 210 540, 210 675, 210 710

## Tripod Castors Set



Accessory for heavy-duty elevating tripods with leg struts. Simply remove the tripod points and replace them with the tripod castors. Each castor is equipped with a brake. The set consists of three tripod castors.

Thread: M10

**Ref.-No. 660 110**

Suitable for tripods:

210 442, 210 680



## Elevating Head



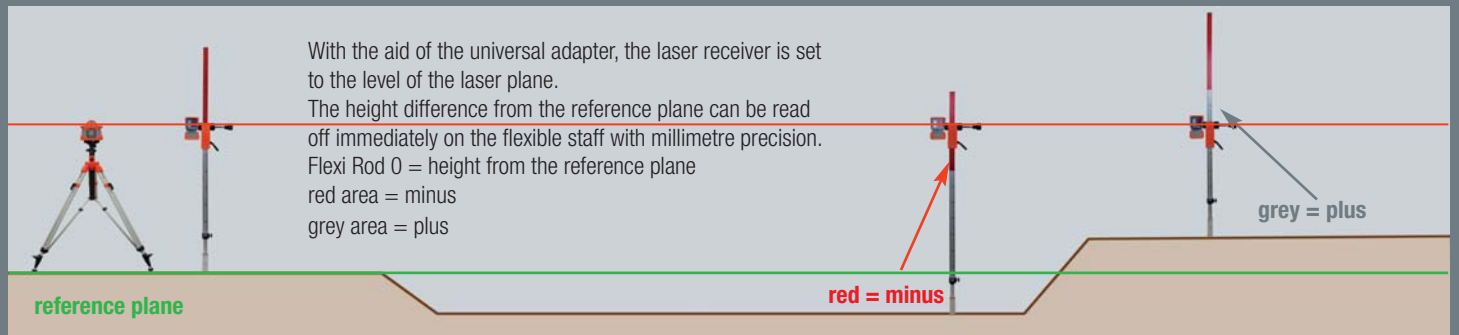
To be mounted to any tripod with flat head. The tripod can then be used as an elevating tripod.

**Features:**

- Connecting thread: 5/8"
- Adjustable range: 105 mm

**Ref.-No. 570 112**





## Nedo Flexi Rods

Simply read off the direct reading scale.

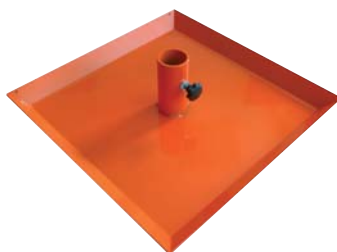
When levelling with a rotating laser, the Flexi Rod is the ideal accessory for determining differences in heights quickly, exactly and correctly signed.

### Features:

- Robust Flexi Rod made of anodised aluminium tubes
- Abrasion-resistant graduation
- Bubble for vertical alignment of the Flexi Rod
- Robust clamping screw to securely lock the extension
- Also available as a set including adapter and case



Ref.-No. 360 916-622



Ref.-No. 365 111



Ref.-No.  
360 515-613



Ref.-No.  
360 511



Ref.-No.  
360 912



Ref.-No.  
365 112-613

### Nedo Flexi Rods

Ref.-No.	Scope of delivery
360 811-622	Flexi Rod with circular bubble, length 1.31 m - 2.42 m
360 916-622	Flexi Rod set incl. universal adapter with quick clamp and bag
360 911	Flexi Rod set incl. slide with target board (Ref.-No. 360 912) and bag (no fig.)

### Adapters and accessories

Ref.-No.	
360 515-613	Universal adapter with quick clamp made of metal
360 511	Plastic universal adapter
360 912	Slide with target board for dot and line lasers
365 112-613	Bag for all Flexi Rods
365 111	Base plate for casting concrete



The analog display of the Nedo **Laser mEssfix-S** clearly shows the height difference between the zero line of the laser receiver and the ground point.



## Nedo Laser mEssfix-S

Nedo **Laser mEssfix-S** is a robust telescopic measuring stick for determining differences in height with a rotating laser and a laser receiver. Perfect for use in excavation jobs, levelling and civil engineering projects.

Simply attach the laser receiver to the **Laser mEssfix-S** and position the detector in the laser plane by means of telescopic sections. The height of the laser plane can be read off from the analogue display.

Quick, simple and precise.

The universal adapter allows to attach all kinds of laser receivers to the **Laser mEssfix-S**. In order to avoid unintentional changes in the extended length, the telescopes are equipped with a clamping screw to ensure a secure hold. The vertical position is maintained thanks to the circular bubble.

Supplied with case as a standard

### Features:

- Robust telescopic measuring stick with easy-to-read analogue display
- Universal adapter to accommodate all types of laser receivers
- Circular bubble to ensure an exact alignment
- Anodised telescopes, can be fixed with clamping screws
- Easy to handle
- Reliable levelling system for all rotating lasers with receiver
- Supplied with case as a standard
- Made in Switzerland



### Nedo Laser mEssfix-S

Ref.-No.	Features	Min. length	Max. length	Incl. case
F 687 511	with universal adapter	1.37 m	5.17 m	yes
F 887 511	with universal adapter	1.70 m	6.83 m	yes

\* Laser receiver and rod clamp not included.





**SURVEYING EQUIPMENT**





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## 120 Years of Experience in the Manufacture of Surveying Accessories

The Nedo brand is inseparably linked with the surveying industry. For more than 120 years we have worked on ways to improve the efficiency of geodetic measurements by developing innovative surveying accessories. Thanks to the precision and reliability of our products, the Nedo brand has become synonymous throughout the world for surveying accessories of superlative quality. Nedo surveying accessories have an international reputation. Our Invar leveling staffs are used in almost every major construction project where maximum precision is required: in the 57-km Gotthard Base Tunnel, in new high-speed rail lines and in the tunnels of the CERN linear accelerator. Thanks to our many years of experience we are thoroughly familiar with operating conditions and requirements for surveying accessories. We know what is important to users and what factors are critical in their day-to-day work. This knowledge is systematically applied when we develop and manufacture our products.





Nedo QualiLine telescopic levelling  
staffs with adjustable circular bubble



## Aluminium Telescopic Levelling Staffs with E-graduation

### Aluminium Telescopic Levelling Staffs

To meet differing quality demands Nedo offers two series of telescopic levelling staffs.

#### QualiLine Telescopic Levelling Staffs

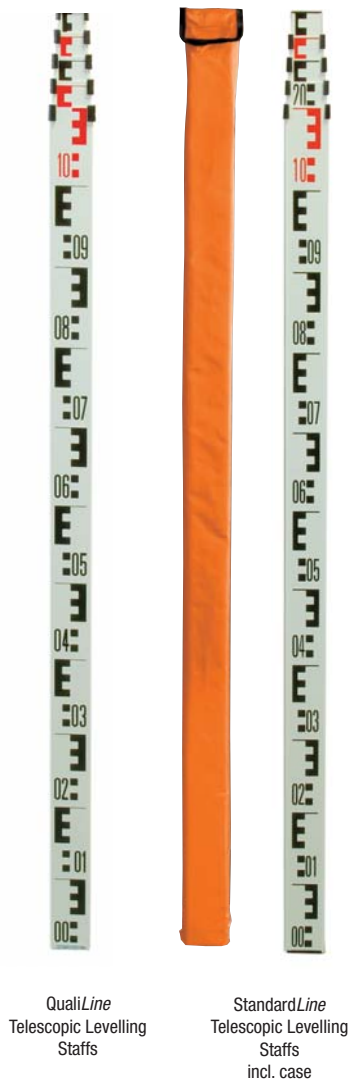


For maximum quality and accuracy. Nedo **QualiLine telescopic levelling staffs** are made of high-quality white powder-coated aluminium tubes. The rugged locking mechanism ensures that the telescopic sections lock securely into position. The levelling graduation on the front side is protected by standoff ribs. Nedo **QualiLine telescopic levelling staffs** are available with adjustable circular bubbles and graduation 1 and graduation 2 on the rear.

Nedo **QualiLine telescopic levelling staffs** comply to the standard DIN 18703.

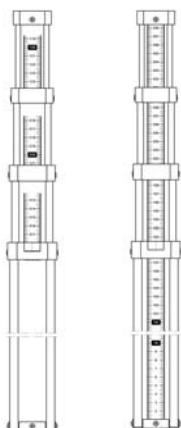
#### StandardLine Telescopic Levelling Staffs

Reliable quality at an attractive price. Nedo **StandardLine telescopic levelling staffs** are made of anodised aluminium section tubes to withstand extreme demands on the construction site. A reliable locking mechanism ensures that the telescopic sections lock securely into position. **StandardLine staffs** are available with graduation 1 and 2 on the rear. The staffs are supplied with a carrying bag and clip-on bubble.



QualiLine  
Telescopic Levelling  
Staffs

StandardLine  
Telescopic Levelling  
Staffs  
incl. case



Graduation 1

Graduation 2

### Graduations on the Rear

#### Graduation 1

Graduation for measurements of internal room heights.

#### Graduation 2

Continuous mm-graduation, beginning with 0 at the staff's shoe.

Nedo Standard*Line* telescopic levelling  
staffs with clip bubble



### Nedo Quali*Line* Telescopic Levelling Staffs

Ref.-No.	Graduation on rear	Circular bubble	No. of sections	Length retracted	Measuring range	Weight
343 122-101	2	-	3	1.16 m	3.00 m	1.40 kg
344 121	1	adjustable	4	1.19 m	4.00 m	1.80 kg
344 122	2	adjustable	4	1.19 m	4.00 m	1.80 kg
345 121	1	adjustable	5	1.22 m	5.00 m	2.10 kg
345 122	2	adjustable	5	1.22 m	5.00 m	2.10 kg

### Nedo Standard*Line* Telescopic Levelling Staffs

Ref.-No.	Graduation on rear	Clip-on bubble	No. of sections	Length retracted	Measuring range	Weight
344 115-637	1	yes	4	1.22 m	4.00 m	1.50 kg
344 122-637	2	yes	4	1.22 m	4.00 m	1.50 kg
345 115-637	1	yes	5	1.22 m	5.00 m	1.80 kg
345 122-637	2	yes	5	1.22 m	5.00 m	1.80 kg
347 122-637	2	yes	5	1.69 m	7.00 m	2.30 kg

### Optional Accessories

Ref.-No.	
355 111-613	Bag, suitable for telescopic levelling staffs 3 m, 4 m and 5 m
350 215	Snap-on bubble for Quali <i>Line</i> telescopic levelling staffs
062 525	Clip-on bubble for Standard <i>Line</i> telescopic levelling staffs



# Special Levelling Staffs

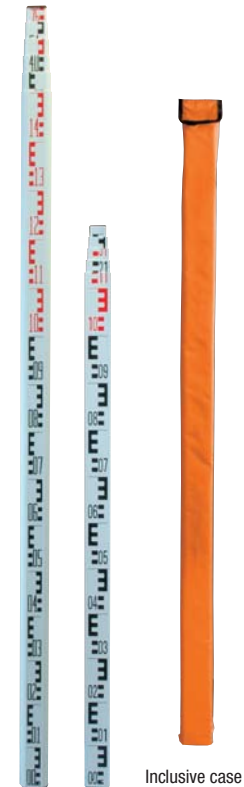
## Fibreglass Levelling Staffs

Nedo **fibreglass levelling staffs** are especially sturdy and durable. The fibreglass sections are almost indestructible. The graduation on the front is protected by standoff ribs.

Nedo **fibreglass levelling staffs** are non-conducting when dry and are therefore especially suitable for levelling close to power lines or railways. Supplied with a bag as a standard.

### Nedo Fibreglass Levelling Staffs

Ref.-No.	Length retracted	Measuring range	Locking buttons	Snap-on bubble	Graduation on the rear	Weight
345 815	1.23 m	5.00 m	brass	yes	Graduation 1	2.7 kg
345 822	1.23 m	5.00 m	brass	yes	Graduation 2	2.7 kg
870 100	1.68 m	7.60 m	plastic	no	Graduation 1	3.2 kg



Inclusive case



## Nivellierfix

Thanks to the small diameter of its telescopic tubes, **Nivellierfix** is lightweight and compact. It is ideal for levelling and measuring interior dimensions.

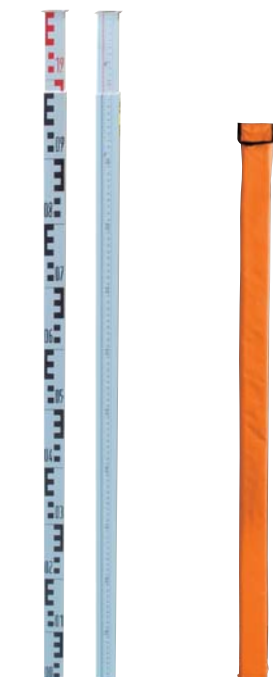
The E-block scale on the front and the mm graduation on the back are equipped with an abrasion-proof anodised surface. The sturdy, locking mechanism never fails.

Available in lengths of 3 m, 4 m and 5 m.

A carrying bag is available as an accessory.

### Nedo Nivellierfix

Ref.-No.	Measuring range	Sections	Graduation	Weight
F 373 313	3.00 m	3	mm/E	0.8 kg
F 374 312	4.00 m	4	mm/E	1.0 kg
F 375 312	5.00 m	5	mm/E	1.1 kg



Accessory: case  
Ref.-No. 372 111-613



Adjustable circular bubble



## Folding Levelling Staffs

### Levelling Staffs, Wood

#### Features:

- Cross-section: 53 mm x 20 mm
- Wooden core of straight-fibered premium quality knot-free spruce or pine wood
- PVC coating encloses the wooden core like a box
- Double-coated narrow sides
- Galvanically zinc-plated hinges and brackets
- DIN 18703

### Levelling Staffs, Aluminium

#### Features:

- Cross-section: 53 mm x 20 mm
- Very strong profile tubes with high stand-off ribs
- Profile tubes white powder-coated
- DIN 18703

### Nedo Wooden Levelling Staffs

Ref.-No.	Length folded	Measuring range	Weight	Circular bubble
326 112-615	1.00 m	4.00 m	3.8 kg	adjustable

### Nedo Aluminium Levelling Staffs

Ref.-No.	Length folded	Measuring range	Weight	Circular bubble
326 312-615	1.00 m	4.00 m	3.8 kg	adjustable





The European research centre **CERN** operates the world's largest particle accelerator. Here elementary particles are accelerated to nearly the speed of light and then made to collide. Scientists use these experiments to explore conditions at the time of the Big Bang, when matter came into being.

The experiments are performed in a 27 km ring of superconducting magnets.

These magnets as well as countless of sensors must be kept in perfect alignment.

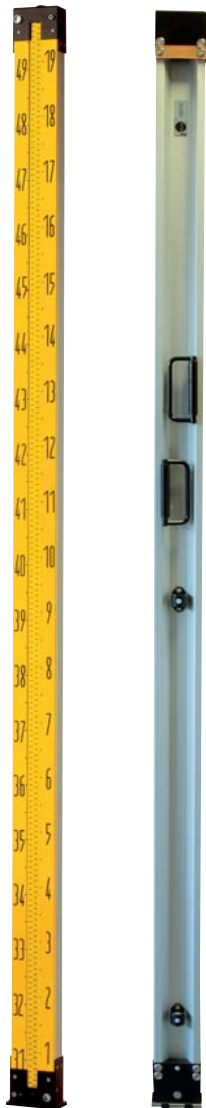
Exact horizontal positioning of these components over a distance of 27 km was a huge technical challenge. It was solved with Nedo precision Invar levelling staffs. The photo shows the inside of the tunnel. A Nedo precision Invar levelling staff has been placed at a reference point on the pipe.



## Nedo Precision Invar Levelling Staffs

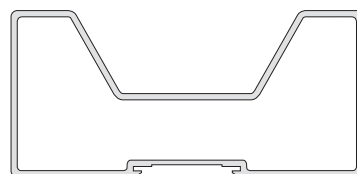
Nedo **precision Invar levelling staffs** are used for first-order levelling and for challenging work on large scale construction sites, for example tunnels, roads, dams or power plants.

The graduation of the **precision Invar levelling staffs** is engraved in the paint coating with an interferometrically controlled laser beam, ensuring superior graduation accuracy and edge sharpness. The permissible deviation is  $|\Delta L| \leq 0.01 + l \cdot 10^{-5}$ . Nedo Invar levelling staffs thus conform to the highest accuracy class A as per DIN ISO 12858-1.



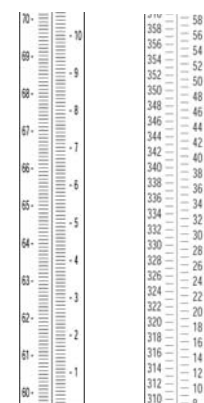
### Features:

- Body of Invar staff made of rigid aluminium profile with anodised surface
- Yellow lacquered graduation side; print protected by a 0.1 mm polyester coating
- Invar tape seated in protected groove of staff profile and tensioned by soft spring to compensate the extension coefficient of the staff profile. Coefficient of thermal expansion  $< 1,5 \text{ ppm/k}$
- Foot plate slightly protrudes from staff body
- Foot plate of chrome-alloy, chemically nickel-plated steel; hardened and ground
- Equipped with circular bubble and fold-away handles as a standard.  
The handles are zinc and powder-coated.



Staff profile

Available Invar staff graduations



15a  
0.5 cm

19a  
1.0 cm

Nedo precision Invar levelling staffs are used for first-order levelling, for example in the construction and monitoring of dams.



## Universal Adapter for Standard Staff Shoes

The universal adapter can be used to compensate for small wall projections or similar shapes.

**Ref.-No. 393 006**

## Nedo Invar Levelling Staffs

Staff Shoes	Ref.-No. Graduation 15a	Ref.-No Graduation 19a	Length	Weight
Standard staff shoes		391 189	1 m	3.0 kg
Standard staff shoes	392 185	392 189	2 m	4.3 kg
Standard staff shoes		393 189	3 m	5.5 kg

## Calibration Certificate

As an option, each Invar staff can be supplied with a calibration certificate. Certificates are issued by the Technical University of Munich or by Nedo, depending on the customer's requirements.

<b>Ref.-No. 399 511</b>	Length calibration without temperature cycle, adjuster Nedo Dornstetten
<b>Ref.-No. 399 519</b>	Length calibration without temperature cycle, adjuster Technical University of Munich
<b>Ref.-No. 399 521</b>	Length calibration with temperature cycle, adjuster Technical University of Munich

The positions of the magnets and sensors in the CERN accelerator had to be measured with maximum precision under unfavourable lighting conditions. The LEDs on the staff gave uniform illumination to the bar-code without emitting thermal radiation.

LED staff illumination is ideally suited for use with precision Invar levelling staffs. It permits precise measurements even with poor lighting.

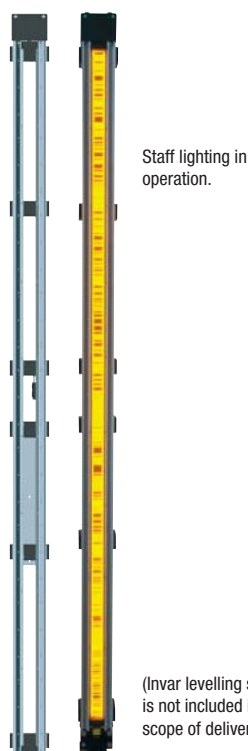


## Precision Invar Levelling Staff Accessories

### Nedo LED Invar Staff Illumination

**LED Invar staff illumination** for Nedo high precision Invar staffs. The **Invar staff illumination** allows measurements to be taken with the Invar staff and a digital level in absolute darkness.

It can be used for example in mines, tunnels, night-time construction sites and for building monitoring. The measurement results are just as precise as measurements in daylight. Thanks to its compact design and integrated power supply, the mobility of the Invar staff is not reduced. Highly efficient LEDs in combination with specially designed optics and an optimized electronic unit ensure a long operating life. The lighting does not weaken during the battery running time, so dependable measurement is always possible. The system can be fitted to an Invar staff by the customer himself using standard tools, and requires no maintenance. The circular level of the Invar staff is additionally lit to permit precise measurements.



#### Features:

- Protection class IP 54
- Operating temperature -10°C to +50°C
- Level lighting
- Battery status display
- Detachable rechargeable battery with low self-discharge
- Battery life 5 to 10 hours depending on length
- Supplied with rechargeable batterie and charger

### Nedo LED Invar Staff Illumination

Ref.-No.	Length
396 115	suitable for 3 m Leica bar code Invar staff
396 116	suitable for 2 m Leica bar code Invar staff
396 117	suitable for 3 m Trimble bar code Invar staff
396 118	suitable for 2 m Trimble bar code Invar staff

### Base Plate (Frog)

The base plate is made of powdercoated grey cast iron.

#### Features:

- Spike
- Weight: 2.7 kg

Ref.-No. 333 121









## Precision Invar Levelling Staff Accessories



### Nedo Telescopic Struts

**Telescopic struts** are available as accessories for 2 m and 3 m precision Invar levelling staffs. The easy to handle telescopic struts ensure a secure stand of the precision Invar levelling staffs.

#### Nedo Telescopic Struts

Ref.-No.	Length
399 211	2 m
399 311	3 m



### Nedo Transport Case for 2 Invar Staffs

Case for safe transport and storage of Nedo precision Invar levelling staffs. The **transport case** is made up of a sturdy aluminium frame and strong plastic honeycomb structured wall panels. The corners feature robust protectors. Handles allow for an easy handling. In addition, the case has a foam lining to protect the precision Invar levelling staffs. The transport case can accommodate two precision Invar levelling staffs, one precision Invar levelling staff with telescopic struts or one precision Invar levelling staff with illumination.

#### Nedo Transport Case for 2 Invar Staffs

Ref.-No.	Length
395 111	for 1 m staff length
395 121	for 2 m staff length
395 131	for 3 m staff length

#### Nedo Case for 2 Invar Staffs with Wide Staff Shoes

Ref.-No.	Length
395 221	for 2m staff length
395 231	for 3m staff length

# Circular Bubbles, Staff Levels and Folding Levelling Rules



Staff Level Ref.-No. 194 100

- Adjustable
- Sensitivity: 12'



Staff Level Ref.-No. 194 110

- Adjustable
- Sensitivity: 25'



Circular Bubble Ref.-No. 351 211

- Removable
- Dovetail guide
- Sensitivity: 12'/2 mm



Staff Level Ref.-No. 471 212

- Metal staff level
- Adjustable
- Sensitivity: 25'



Folding Levelling Rules Geomess

- Sections of white painted wood, length: 0.3 m or 0.5 m
- Durable brass hinges
- Front: levelling graduation
- Back: mm-graduation

Ref.-No.	Length	Length of sections	Weight
698 911	2 m	0.5 m	0.35 kg
699 011	3 m	0.5 m	0.53 kg
699 311	3 m	0.3 m	0.68 kg
699 111	4 m	0.5 m	0.77 kg



## Self-Illuminating Levelling Staff LumiScale

**LumiScale** is a self-illuminating levelling staff for digital levels for use under unfavourable light conditions such as underground and tunnelling construction projects.

With regard to its precision, self-illuminating levelling staff **LumiScale** fulfills the norm DIN 18703.

The **LumiScale** graduation is back-lit via an electroluminescent foil which uniformly illuminates the entire graduation without any shades. Extensive tests, performed by the University of Graz, Austria, have proven that measuring errors are eliminated thanks to the equable illumination of the graduation. For this reason the **LumiScale** technology is superior to an external illumination of the graduation. **LumiScale** is available with bar codes for all common digital levels.

### Features:

- Illuminated graduation
- Illuminated bubble
- Supplied with rechargeable batteries, charger and bag

### Nedo LumiScale

Ref.-No.	
Ref.-No. 340 220	LumiScale with Trimble bar code
Ref.-No. 340 222	LumiScale with Leica DNA bar code
Ref.-No. 340 224	LumiScale with Sokkia/Topcon bar code
Ref.-No. 340 225	LumiScale with Leica-Sprinter bar code

Technical data:	
Graduation	bar code
Carrier of graduation	polyester film ( $\alpha_{TH} < 18 \text{ ppm/}^{\circ}\text{C}$ )
Accuracy	$\Delta l = \pm(0.2 \text{ mm} + 2 l \cdot 10^{-4})$
Illuminated area	2125 mm x 25 mm
Illumination	electroluminescent foil
Power supply	removeable NiMH rechargeable batteries, 2000 mAh
Operation duration	approx. 5.5 h
Circular bubble	illuminated, sensitivity 12'
Protection class	IP 54
Dimensions	2200 mm x 70 mm x 60,5 mm
Body of staff	aluminium profile
Weight	approx. 4.0 kg (with rechargeable batteries)



**LumiScale control** –  
ideal for steady operation in  
structural monitoring, especially  
in unfavourable lighting conditions.



Rechargeable  
batteries



Power adapter  
plug



Charger

## Optional Accessories LumiScale

- Power adapter plug **Ref.-No. 030 816**
- Charger **Ref.-No. 030 827**
- Rechargeable batteries **Ref.-No. 061 866-900**

## LumiScale control

**LumiScale control** is a short, self-illuminating levelling staff for use in monitoring (for example in buildings). It is compact, with no bothersome attachments. **LumiScale control** can be plugged via a power supply unit into a 220 V outlet. It comes with a power supply unit and carrying bag.

### Nedo LumiScale control

Ref.-No.	
Ref.-No. 340 240	LumiScale control with Trimble bar code
Ref.-No. 340 242	LumiScale control with Leica DNA bar code
Ref.-No. 340 244	LumiScale control with Sokkia/Topcon bar code

Technical data:	
Graduation	bar code
Carrier of graduation	polyester film ( $\alpha_{TH} < 18 \text{ ppm/}^{\circ}\text{C}$ )
Accuracy	$\Delta l = \pm(0.2 \cdot \text{mm} + 2l \cdot 10^{-4})$
Illuminated area	430 mm x 23,5 mm
Illumination	electroluminescent foil
Power supply	power supply unit 12 VDC, 3 VA ( $m = 0.08 \text{ kg}$ )
Length of connecting cable	approx. 2 m
Power requirement	approx. 120 mA
Protection class	IP 54
Dimensions	500 mm x 58 mm x 28 mm
Body of staff	aluminium profile
Weight	approx. 0.9 kg





# Overview EDM Accessories



**Ref.-No. 053 530**  
Leica adapter



**Ref.-No. 481 700-613**

- Suitable for Leica
- Push-button lock
- Offset: -34 mm
- Copper coated
- Prism Ø: 62 mm
- Accuracy:  $\pm 2''$



**Ref.-No. 484 704**  
Connection Leica pin  
Leica GPH 1



**Ref.-No. 481 310**

- Suitable for Sokkia, Topcon, Nikon, Pentax
- Adapter with 5/8" female thread and 25 mm outside-diameter
- Offset: 0/-30 mm
- Orange target
- Prism Ø: 62 mm
- Accuracy:  $\pm 5''$



**Ref.-No. 484 708**  
Connection 5/8" pin for  
Zeiss KTR 1 N



**Ref.-No. 481 200-613**

- Suitable for Sokkia, Pentax, Topcon, Nikon
- Adapter with 5/8" female thread and 25 mm outside-diameter
- Offset: 0/-30 mm
- Prism Ø: 62 mm
- Accuracy:  $\pm 2''$



**Ref.-No. 484 709**  
Connection 5/8" pin for  
Pentax MT 15  
Sokkia AP series

**Ref.-No. 481 601-613**



**Ref.-No. 481 601-613/  
Ref.-No. 481 600-613**

- Metal support/Metal housing
- Connecting thread: 5/8"
- Offset: 0/-30 mm
- Circular bubble in support
- Double-sided target
- Prism Ø: 25.4 mm
- Accuracy:  $\pm 2''$
- Accessories



**Ref.-No. 484 707**  
Connection 5/8" pin for  
Nedo mini-prism

**Ref.-No. 687 111**  
Prism-mEssfix-S  
Length: 5.31 m



**Ref.-No. 484 622**  
Length: 2.10 m

**Ref.-No. 484 621**  
Length: 2.10 m



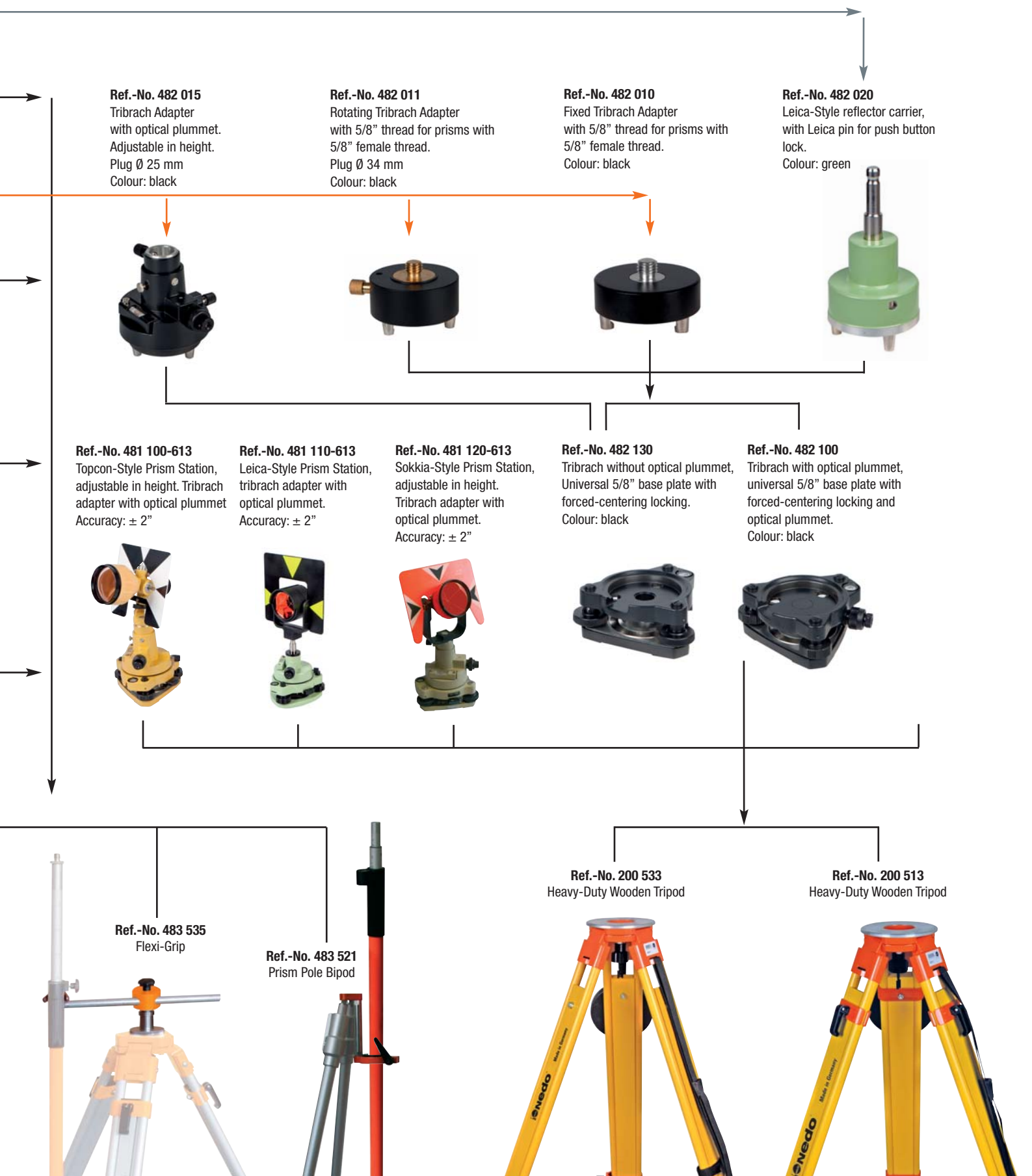
**Standard Prism Poles**

**Ref.-No. 484 600**  
Length: 2.20 m

**Ref.-No. 484 601**  
Length: 3.20 m



**Precision Prism Poles**





## Nedo Prism Poles

### Mini Prism Pin Pole Set

The set includes 3 sectional pin poles, each 600 mm long, with bag, steel point and 25 mm Ø mini prism with bubble and bag.

#### Features:

- Mini Prism: Ø 25 mm
- Offset: 0 mm
- Incl. accessories and carrying bag

Ref.-No. 484 643-613



### Standard Prism Poles made of Aluminium

Sturdy aluminium **prism poles** with screw clamp. Plastic handle with integrated adjustable circular bubble. The poles can be taken apart for cleaning without any tools. With replaceable steel points.

#### Prism Pole Ref.-No. 484 621

- Standard model
- 5/8" connection thread

#### Prism Pole Ref.-No. 484 622

- With combi adapter M8 / 5/8"
- Suitable for Zeiss TR1N prism

### Nedo Prism Poles with Screw Clamp

Ref.-No.	Model	Working range	Transport length	Ø Outer tube/ Ø Inner tube	Weight	Accessory case
484 621	Aluminium with 5/8" thread	125 cm - 210 cm	110 cm	32/25 mm	1.1 kg	494 112-613
484 622	Aluminium with combi adapter	125 cm - 210 cm	117 cm	32/25 mm	1.1 kg	494 113-613



Accessory:  
case

Ergonomic soft grip for convenient handling



## Prism Poles

Excellent straightness even when fully extended

### Precision Aluminium Prism Poles

The top line of Nedo **prism poles** features an innovative clamping system that provides greater ease of use, maximum precision and excellent straightness, even when the pole is fully extended.

The **precision prism poles** have a maximum length of 2.20 m. They can also be supplied with a 1 m extension that can be parked in the scale tube for transport. This increases the maximum length to 3.20 m.

#### Features:

- Excellent straightness even when fully extended
- Innovative clamping system
- Ergonomic soft grip for convenient handling
- Replaceable steel points
- Adjustable circular bubble with 20' accuracy
- 5/8" internal thread, compatible with all Nedo prism adapters

### Nedo Precision Prism and GPS Poles

Ref.-No	Model	Working range	Transport length	Ø Outer tube/ Ø Inner tube	Weight	Accessory bag
484 600	Aluminium with 5/8" thread	129 cm - 220 cm	114 cm	32/25 mm	1.18 kg	494 112-613
484 601	Aluminium with 5/8" thread and 1 m extension	129 cm - 320 cm	114 cm	32/25 mm	1.50 kg	494 112-613





# Nedo Prism-mEssfix-S and Accessories for Prism Poles



## Prism-mEssfix-S

Prism pole with analogue display. The built-in measuring tape displays the height of the centre of the prism in reference to the foot.

The extending sections are equipped with clamping screws, enabling each section to be locked in any position.

Working range: 1.53 m to 5.31 m.

The adapters for the most commonly used prisms are shown below.

**Important: When placing your order, please state the exact type of prism you will use with the Prism-mEssfix-S and the connecting thread of your prism.**

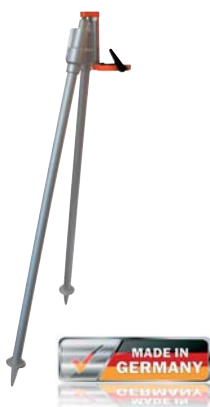
**Ref.-No. 687 111**



5/8" adapter  
012 290



Leica adapter  
053 530



## Prism Pole Bipod

Solid prism pole bipod with 2 telescopic legs. Height adjustable by means of a push-button.

Suitable for all Nedo aluminium prism poles.

**Ref.-No. 483 521**



## Extension for Prism Pole

1 m extension, suitable for all Nedo prism poles.

5/8" connecting thread on both ends.

**Ref.-No. 383 615**



## Bag for Prisms

Suitable for all prisms.

**Ref.-No. 060 076**



## Prism Pole Accessories

### Nedo Prism Pole Support Flexi-Grip



Upgrade your tripod with 5/8" thread. Simply attach **Flexi-Grip** to a tripod. When releasing the central clamping screw the support clamp can be moved three-dimensionally in any direction.

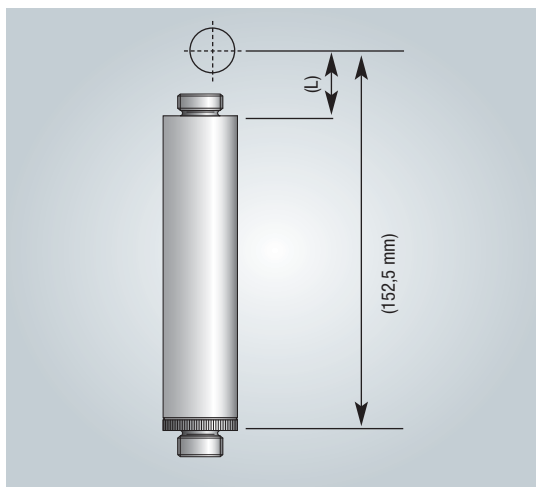
The prism pole is positioned on the target point and aligned with the bubble. **Flexi-Grip** follows every movement in any direction. Once the upright position is found the entire system is fixed by using the central clamping screw.

Very easy to handle.

With a tripod **Flexi-Grip** offers a secure stand and is therefore suitable for work in windy conditions.

**Ref.-No. 483 535**

### Adapters to adjust the height of different prisms to the scale of all Nedo prism poles.



**Ref.-No. 484 702**  
Connection  
M8 pin for  
Zeiss ETR 1  
L = 33 mm



**Ref.-No. 484 704**  
Connection  
Leica pin for  
Leica GPH1  
L = 85 mm



**Ref.-No. 484 707**  
Connection  
5/8" pin for  
Nedo mini-prism  
Ref.-No. 481 600  
Omni JR. #1600  
L = 70 mm



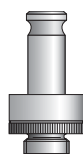
**Ref.-No. 484 708**  
Connection  
5/8" pin for  
Nedo prism  
Ref.-No. 489 125,  
481 300  
Zeiss KTR 1 N  
Omni #9125  
L = 100 mm



**Ref.-No. 484 709**  
Connection  
5/8" pin for  
Nedo prism Ref.-No.  
481 200-613,  
Pentax MT 15  
Sokkia AP series  
L = 97 mm



**Ref.-No. 484 714**  
Connection  
5/8" pin for  
Geodimeter  
L = 147.5 mm



**Ref.-No. 484 715**  
Connection  
Leica pin for  
Leica GPH1A  
Omni #3425  
L = 125 mm



**Ref.-No. 484 717**  
Connection  
5/8" pin for  
Topcon 5010  
L = 78 mm



**Ref.-No. 484 720**  
Connection  
5/8" pin for  
Geodimeter  
System 500  
Geodimeter  
System 600  
L = 0 mm



**Ref.-No. 484 723**  
Connection  
M 10 female thread  
for Leica GDR 3  
right angle prism



## Ranging Poles

Wherever surveying and marking projects take place Nedo ranging poles are broadly used.

Extremely robust points D are suitable for use on clay soil. Points B and E are perfect for use on sandy grounds



B ▽

D ○

E △

### Nedo Wooden Ranging Poles

All wooden ranging poles are made of knot-free, well-seasoned spruce wood and feature a high-density 0.5 mm PVC coating which protects them from corrosion

### Nedo Wooden Ranging Poles

Ref.-No.	No. of poles in package	Length incl. point	Pole Ø	Coating	Type of point
123 112	12	2.16 m	28 mm	PVC	B

### Nedo Fibreglass Ranging Poles

Nedo fibreglass ranging poles stand out thanks to their high strength and exceptional straightness. They are virtually unbreakable, springing back to their original form - even after extreme demand.

### Nedo Fibreglass Ranging Poles

Ref.-No.	No. of poles in package	Length incl. point	Pole Ø	Coating	Type of point
113 432	12	2.16 m	25 mm	-	E

### Nedo Tubular Steel Ranging Poles

Nedo tubular steel ranging poles are made of high-grade steel and feature a high-density 0.5 mm PVC coating which protects them from corrosion. The tip is forged on.

### Nedo Steel Ranging Poles

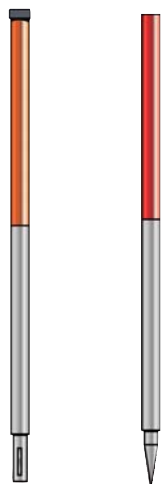
Ref.-No.	No. of poles in package	Length incl. point	Pole Ø	Coating	Type of point
127 511	12	2.16 m	24 x 0.8 mm	PVC	D

### Nedo Construction Ranging Poles

Construction ranging poles made of steel are used especially for marking-out work on construction sites. Their diameter of 25 mm makes them extremely strong. The tip is forged on.

### Nedo Ranging Poles

Ref.-No.	No. of poles in package	Length incl. point	Pole Ø	Coating	Type of point
122 515-616	16	2.00 m	25 mm	PVC	D



No.  
149 611



No.  
126 511-616



## Sectional Nedo Ranging Poles

### Sectional Steel Ranging Pole

#### Features:

- Continuously extensible due to lamella connectors
- Pole Ø: 25 mm
- PVC coating: approx. 1 mm
- No. of poles in package: 12 pcs.

Ref.-No. 149 611



### Sectional Steel Ranging Pole

#### Features:

- With a point on each metre element
- Pole Ø: 25 mm
- PVC coating: approx. 1 mm
- No. of poles in package: 6 pcs.

Ref.-No. 126 511-616



## Nedo Canvas Bags for Sectional Ranging Poles

### Nedo Canvas Bags for Sectional Ranging Poles

Ref.-No.	Suitable for
156 111	3 poles (6 sections) No. 126 511-616, 149 611
160 111	6 telescopic poles No. 126 511-616, 149 611



Ref.-No.  
156 111



Ref.-No.  
160 111



# Nedo Ranging Pole Supports

Nedo ranging pole supports feature a robust design and high stability. Therefore, they can be used for ranging poles as well as for prism poles and GPS poles.



## Nedo Heavy-Duty Ranging Pole Support

### Features:

- Heavy-duty design
- Tripod legs with zinc-plated telescope mechanism
- Orange powder-coated metal parts
- Ball joint head with support clamp
- Height: 0.71 m – 1.35 m
- Weight: 3.2 kg

**Ref.-No. 177 212**



## Ranging Pole Support

### Features:

- Lightweight design
- Orange powder-coated legs
- Ball joint head with support clamp
- Tripod legs locked by thumb screw
- Height: 1 m
- Weight: 1.6 kg
- No. of poles in package: 5 pcs.

**Ref.-No. 177 111** (No. of poles in package: 5 pcs.)

**Ref.-No. 177 111-616** (No. of poles in package: 1 pcs.)



## Ranging Pole Support

### Features:

- Lightweight design
- Identical to Ref.-No. 177 111, but without possibility of locking the legs
- Height: 1 m
- Weight: 1.6 kg

**Ref.-No. 176 111** (No. of poles in package: 5 pcs.)

**Ref.-No. 176 111-616** (No. of poles in package: 1 pcs.)

# Surveying Accessories

## Field Umbrella

The ideal protection against rain and sun. Supplied with three support ropes as a standard. Ground spike and carrying bag available as accessories.



### Nedo Field Umbrellas

Ref.-No.	Ø
311 111	2.0 m

### Accessories

Ref.-No.	
316 111	Ground spike
315 111	Carrying bag



## Nedo Field Bag

The practical canvas bag stores your measuring tape, calculator, field frame, optical square etc. Equipped with practical handle and shoulder strap. Additional pockets on the front for pens etc.

Ref.-No. 655 111

## Nedo Field Frames

For notes and drawing on construction sites Nedo's field frame is indispensable. A robust aluminium plate serves as a writing pad. A thick transparent foil protects the drawings. Two metal lock knobs. Frame made of wood or plastics. Available in A4 or A3 size.

### Nedo Field Frames

Ref.-No.	Version	Size	Weight
645 250	Wood	DIN A4	0.7 kg
645 242	Plastic	DIN A4	0.8 kg
645 245	Wood	DIN A3	1.1 kg
645 260	Plastic	DIN A3	1.4 kg



# Surveying Accessories



## Double Pentaprism with Wide Angle

Field of view:  $\pm 45^\circ$ . Mirrorcoated top and bottom surfaces of prisms. Extra large field of view and foresight viewing. With twist-off cap. Incl. case.

**Ref.-No. 761 111**



## Optical Square

90° prism, weight 25 g.

**Ref.-No. 762 111**

### Optional accessory:

Leather case Ref.-No. 764 111



## Perlon plumb line

1 roll of perlon plumb line, 100 m

**Ref.-No. 785 111**



## Zinc Diecasting Plumb Bob

Polished steel. With removable brass head.

### Order information:

- Ref.-No. 780 150 Weight 150 g
- Ref.-No. 780 200 Weight 200 g
- Ref.-No. 780 250 Weight 250 g
- Ref.-No. 780 300 Weight 300 g
- Ref.-No. 780 400 Weight 400 g
- Ref.-No. 780 500 Weight 500 g



## Steel Plumb Bob

With removable brass head.

### Order information:

- Ref.-No. 781 100 Weight 100 g
- Ref.-No. 781 150 Weight 150 g
- Ref.-No. 781 200 Weight 200 g



## High-Visibility Vest

High-visibility vest for better safety where visibility is poor.

**Ref.-No. 620 001**

# Sales and Supply Conditions

1. The following Supply Conditions apply to all contracts, deliveries and other performances, including advisory services, unless they have been amended or excluded with our expressed consent.  
Any General Terms and Conditions of Business of the customer/purchaser are not binding even if we have not again expressly rejected them.
2. The prices applicable on the delivery date shall be determinant.
3. Domestic deliveries under 500,- Euro net value of goods shall be shipped ex works. For domestic deliveries of 500,- Euro or more net value of goods, we will absorb the standard freight and postal charges.  
For deliveries of 1500 Euro or more net value of goods to EU destinations, we will absorb standard freight and postal charges. Deliveries to third countries are ex works.
4. Consignments are made exclusive of packing. The packing on pallets and in crates is made available at prime cost.
5. **Quotation and conclusion of contract**  
All our quotations are given without commitment. Contracts and other agreements shall become binding only by way of our written confirmation or delivery.  
If our sales staff or agents make oral agreements or provide assurances which go beyond the scope of our quotation, these shall always require our written confirmation in order to be valid. Unless otherwise agreed, documents forming part of the quotation, such as illustrations, drawings, particulars of weights and dimensions, are only approximate.
6. **Delivery conditions and defective performances**  
If specific lead-times or delivery dates are not fulfilled, the customer wishing to withdraw from the contract or claim compensation or nonfulfilment shall not be released from the need to allow a suitable grace period for the performance and to issue a statement that he will refuse the performance after the expiry of the period.  
This shall not apply if we have expressly stated in writing that a lead-time or delivery date is binding.  
Reasonable partial consignments are permissible.  
Lead-times – even those established after a delay – shall be suitably extended in the event of force majeure and also unforeseen impediments occurring after the conclusion of the contract and for which we are not responsible, in so far as such impediments seriously affected delivery of the purchased item.  
We shall not be held responsible for delay in delivering and failure (impossibility) to deliver as long as the person we employ fulfill our obligations and our own suppliers attribute no fault to us.  
We shall not be held liable for delayed deliveries or failures (impossibility) to deliver for which our suppliers are to blame. The customer's right to withdraw, after a grace period allowed to us has expired without result, remains unimpaired.
7. **Shipment and transfer of risk**  
Unless otherwise agreed, the route and mode of shipment are left at our discretion.  
At customer's request the goods shall be insured. The risk shall be transferred to the customer upon despatch.  
If shipment is delayed at the customer's request or for a reason attributable to it, the goods shall be stored at the customer's expense and risk. In such case, the notice that the goods are ready for despatch shall rank as despatch.
8. The goods are shipped ex-works at the recipient's risk. Any complaints concerning transport damage must be made upon receipt.
9. **Prices and payment**  
Unless otherwise agreed, payment shall be remitted within 30 days from invoice date so that the sum agreed as settlement of the invoice is at our disposal not later than the due date.  
Only if an according agreement exists, a discount able, properly taxed bill of change shall be accepted for mode of payment.  
Cheques and drafts are credited under the premise of being honored, costs being deducted, and payment shall be considered duly received on the day the amount is actually at our disposal.
10. In the event of late payment, interest on defaulted payment is charged at 4% above the Main refinancing operations Minimum bid rate of the ECB, without a special reminder being required.
11. **Retention of title**  
We retain the title of the goods until full payment of the purchase price. In the case of goods sold by the customer as part of its business activities, we retain the title until all claims upon the customer deriving from the business relationship have been settled. This shall apply even if some or all of the claims have been entered in a current account and the balance has been drawn up and acknowledged. If substantial contractual obligations are infringed and especially in the event of delayed payment, we may take back the goods after issuing a reminder and the customer shall be obliged to deliver them up.  
Unless the German Hire Purchase Law applies, our taking-back or imposition of attachment shall imply withdrawal from the contract only if we have expressly stated this in writing.  
In the event of attachment or other impairments if rights by third parties, the customer shall inform us in writing, sending a record of attachment and an affirmed and signed statement identifying the attached items.  
The customer may resell the goods in the normal course of business and he assigns to us hereby the claim deriving from the resale together with all ancillary claims which he acquires upon his customer or third parties as a consequence of the resale. The customer is authorised to collect the debt, even after the assignment. Our right to collect the debt ourselves remains unimpaired thereby but we undertake not to collect the debts as long as the customer duly fulfills his payment obligations.  
We may require the customer to inform us of the assigned claims and of the parties owing them, to provide all information required to collect them, to deliver up the pertinent documents and advise the debtors of the assignment.  
We undertake to release the security held by us in as much as the value thereof exceeds the secured claims by more than 20 %, in so far as they may not yet have been settled.
12. **Liability for Defects and Warranty Claims**  
Minor defects shall neither constitute a right on the Customer's part to refuse acceptance nor justify any warranty claims.  
We accept liability for defects subject to the following conditions:
  - (1) The delivery items in question found to be defective within the warranty period, provided that such defects can be established to have existed at the time of passage of risk, shall either be repaired or a substitute delivery shall be made free of charge respectively at our discretion.
  - (2) All warranty claims shall become statute-barred after 12 months. This shall not apply where the German laws pursuant to § 438 Para. 1 No. 2 (structures and objects for structures), § 479 Para. 1 (right of recourse) and § 634a Para. 1 No. 2 (building defects) of the German Civil Code (BGB) dictate longer periods of limitation, nor in the case of any loss of life, bodily injury or health impairment, in the case of any wilful or grossly negligent breach of duty on the part of the Supplier and in the event of fraudulent concealment of a defect. This shall not affect the statutory provisions concerning the suspension of expiration of prescription, suspension of the running or the running of the statute of limitation.
  - (3) Following the timely service of a notice of defects, we shall be granted the opportunity for subsequent performance within a reasonable period of time. Should such subsequent performance prove to be a failure, the Customer may – irrespective of his right to claim for damages pursuant to Para. 15) – rescind the Contract or effect a price reduction.
  - (4) We shall not accept warranty claims in the case of merely minor deviations from any warranted quality, in the case of any insignificant reduction in serviceability, in the case of natural wear and tear or any damage caused after the passage of risk to the Customer by incorrect or negligent handling, excessive use, unsuitable operating fuels or materials, or due to defective building works, unsuitable building sites or caused by external influences which were not been taken into account in the Contract, nor damage due to non-reproducible software faults. In the event that the Customer or any third party make any unauthorised changes or carry out any unauthorised repairs, we shall not accept liability for any such changes or repairs nor for any consequential faults.
  - (5) The Customer shall only have a right of recourse against us pursuant to § 478 of the German Civil Code (contractor's right of recourse) in so far as the Customer has made no agreements with his customers extending beyond the limits of the statutory warranty claims.
  - (6) In all other respects, Para. 15) hereunder shall apply to the Customer's right to claim for damages. All other claims by the Customer against us and our vicarious agents or claims other than those covered by this section shall be excluded.
13. We reserve the right to deviate from the illustrations in the catalogue in order to enhance our products.
14. **Impossibility, Adaptation of Contract**
  - (1) To the extent that a delivery is deemed impossible, the Customer shall have the right to claim for damages, unless such impossibility is beyond our control. However, any claim for damages by the Customer shall be limited to 10 % of the value of such part of the delivery item which could not be put into expedient operation as a result of the impossibility. This limitation shall not apply in case of any mandatory liability as in the case of wilful intent and gross negligence or in the case of any loss of life, bodily injury or health impairment. This is not associated with any changes to the burden of proof to the detriment of the Customer and shall not affect the Customer's right to rescission.
  - (2) In the event of any unforeseeable events, such as mobilisation, war, riot or any other similar events, such as strike action and lock-out, should substantially change the economic value or the contents of the delivery item or should such events have a considerable impact on our business operations, the Contract shall be appropriately adapted, bearing in mind the requirements of good faith. If this is not practicable for economic reasons, we shall have the right to withdraw from the Contract.
15. **Other Claims for Damages**
  - (1) All other claims for damages or compensation claims on the part of the Customer (hereinafter: claims for damages), irrespective of the legal grounds on which they may be based, in particular, claims based on any breach of duty arising out of the relationship under the law of obligations and any tortious acts, shall be excluded.
  - (2) This shall not apply in the case of any mandatory liability, for example under the Product Liability Act, in the event of wilful intent or gross negligence, in the case of any loss of life, bodily injury or health impairment or in the case any breach of any essential contractual duties. Any claim for damages based on a breach of an essential contractual duty, however, shall be limited to foreseeable damage or losses as are typical for contracts such as the one between the Contracting Parties, except in the event of wilful intent or gross negligence or in the case of mandatory liability following a loss of life, bodily injury or health impairment. This is not associated with any changes to the burden of proof to the detriment of the Customer.
  - (3) To the extent that the Customer is entitled to claim for damages pursuant to this section 15), all such claims shall become statute-barred upon expiration of the statute of limitation applicable to warranty claims pursuant to Para. 14) above.
  - (4) Damage claims under the Product Liability Act shall be subject to the statutory limitation rules.
16. **Place of Performance, Jurisdiction, Applicable Law**  
The place of performance and exclusive place of jurisdiction for all deliveries and payments (incl. legal action based on dishonoured cheques or bills of exchange), as well as all disputes arising between the Parties shall be Bornstetten, Germany, in so far as the Customer is a registered trader, a legal entity under public-law or a state-operated special fund.  
All contractual relations between the Contracting Parties shall be governed solely by the laws of the Federal Republic of Germany, excluding the Hague Convention relating to the Uniform Law on the International Sale of Goods.





## Nedo POS-System - Optimum Product Presentation

The new Nedo POS system will help you to present Nedo products more successfully at the point of sale.

Why? Because your customers will find a visually attractive product presentation where exciting Nedo products are displayed in a compact area and can be tried and tested right at the point of sale.

Our product information card system will help both the dealer and the end user to understand and use our products very quickly.

On top of that, our display system generates cross-selling effects, and this means more sales.

Why? Once the customer has stopped in front of the display and is interested in one product, you have a direct opportunity right there to arouse his interest in additional Nedo products.

Nedo offers three different standard modules to present our best-selling items:

- All-purpose display panel (1 m)
- Laser display panel (1 m)
- Combination display panel (2 m)

In addition, your Nedo sales consultant will be happy to help you put together your own display, tailored to your customers' needs and with the required products.

Generate more sales with the Nedo POS system!



# Order informations Nedo „Tegometall“ Wall



## Showcase

- Showcase, lockable
- Length: 100 cm

**Ref.-No. 061 850**



## Product information cards

- Technical data of the products



## Nedo Logo

- Nedo Logo Display
- Length: 100 cm
- Height: 40 cm

**Ref.-No. 061 846**



## Rack for brochures

- Rack for brochures DIN A5 for Nedo Highlight brochures

**Ref.-No. 061 855**  
(Without brochures)



## Laser rack

- Mounting angle incl. screws

**Ref.-No. 060 534**



## Laser rack for LINUS 1 HV and TUBUS 2

- Laser rack for universal laser LINUS 1 HV and Pipe laser TUBUS 2 incl. addapter.

**Ref.-No. 062 808**



## Tripod mounting

- Tripod mounting with 5/8" thread

**Ref.-No. 061 745-501**



## Hook D3

- Ø: 4 mm
- Depth: 20 cm

**Ref.-No. 060 439**



## Double hook for measuring tools

- Double hook with price tag

**Ref.-No. 059 998**



## Heavy-Duty hook for tripods

- Ø: 7 mm
- Depth: 30 cm

**Ref.-No. 063 102**



## Raceway panel

- Length: 100 cm
- Height: 16 cm

**Ref.-No. 061 840-500**



## Head signage holder centre piece

- Height: 40 cm

**Ref.-No. 061 859-500**



## Footboard

- Height: 16 cm
- Depth: 47 cm

**Ref.-No. 061 841-500**



## Head signage holder

- Height: 40 cm
- Set, right and left

**Ref.-No. 061 847-500**



## Column 6x3

- 2Double sided
- Height: 240 cm

**Ref.-No. 061 839-500**



## Back board GL 40

- Length: 100 cm
- Height: 40 cm

**Ref.-No. 061 842-530**



## Hole back board RL

- Length: 100 cm
- Height: 40 cm

**Ref.-No. 061 843-530**



## Back board GL 30

- Length: 100 cm
- Height: 30 cm

**Ref.-No. 061 844-530**



## Lower shelf, orange

- Length: 100 cm
- Depth: 47 cm

**Ref.-No. 061 845-500**



## Anti-slip mat

- Length: 33 cm
- Width: 23,5 cm

**Ref.-No. 061 861**



## Screw

- Thread-rolling screw M6x20
- 1 piece

**Ref.-No. 012 571**

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