Aluminium Mounting Stand for Bikes

Ref.no. 589 4737

Translation of the original manual

Issued:_07/2010_____

Machine no.:_MBA 0021210 - 0511210___

Keep this manual for future use!

Manufacturer: Weilnhammer Maschinenbau GmbH
84405 Dorfen

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1. General information, correct use

The aluminium mounting stand for bikes (with three-point support) is designed to secure a bicycle frame in order to lift and to swivel it into an ergonomic working position.
With its three adjustable carrying rollers or mandrels (optional), the stand can secure bicycle frames without looseness, and therefore is also suitable for pressure-sensitive carbon or aluminium frames.

2. Safety instructions

Caution!

Make sure that the bicycle frame is correctly seated on the three carrying rollers. It may fall down and be damaged.

- In case of heavy electric bicycles, first hang the handlebar onto the front carrying roller, then lift the back side of the bike and fasten it onto the second carrying roller.
- This manual explains the correct handling of the device. It should be studied before the device is used for the first time, and be read regularly when the device and its accessories are used.
- Besides the explanations and safety instructions in this manual, the user must take account of the precautions relating to the use of all technical devices.
- Always keep the manual accessible to the operators.
- Whenever the device is sold again, pass this manual on to the new owner.
- Observe the relevant regulations for the prevention of accidents.
- We reserve the right to carry out modifications which we consider to be technically advantageous.

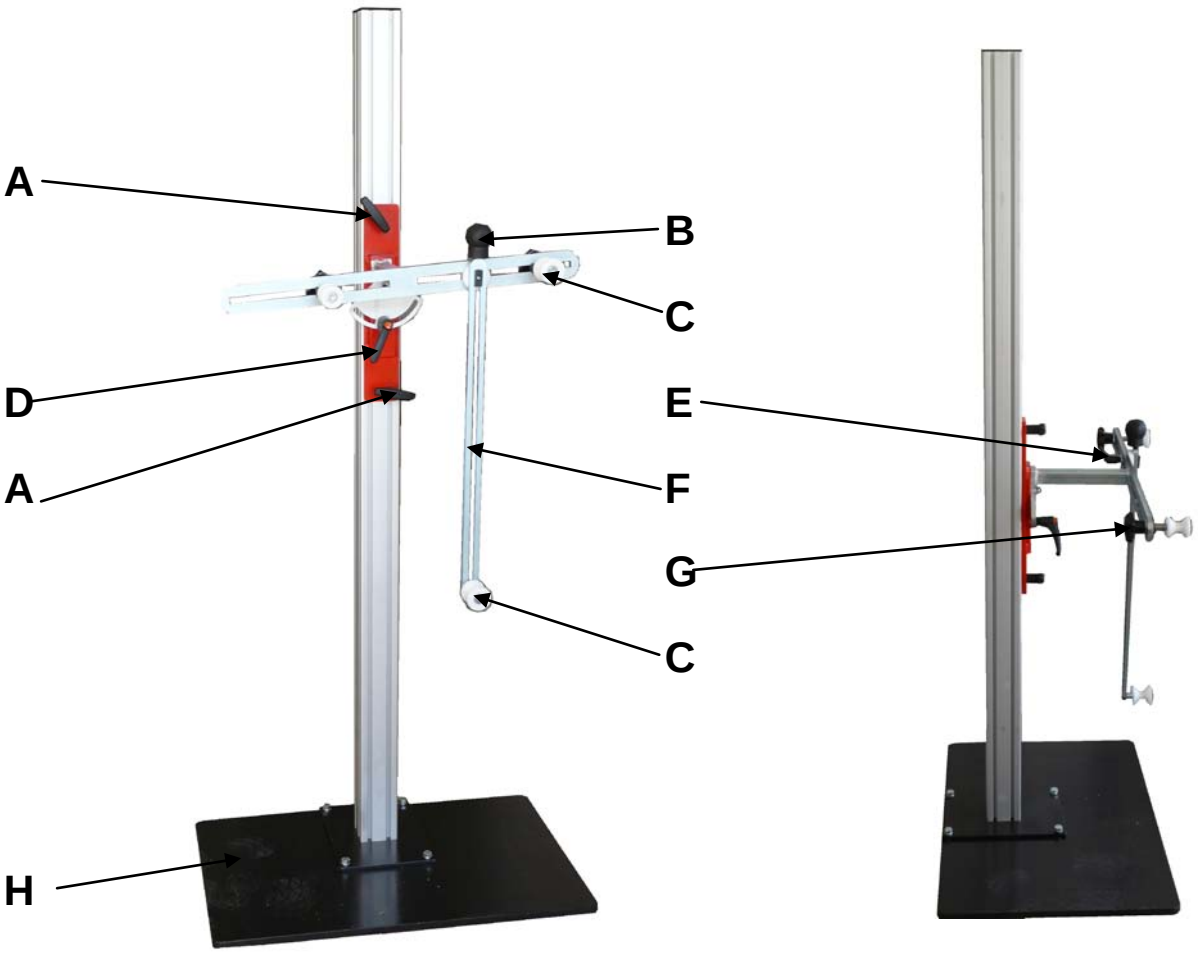
Caution! Tilting risk!

When fastening the device to the floor, never exceed the safe floor-load. You can also use the base plate (option).

3. Technical data

Dimensions:	Length 500 mm x width 660 mm x height 1715 mm
Weight:	20, 7 Kg
Max. load bearing capacity:	35 Kg (350N)

4. Operating elements



Pos.	Description
A	T-handle
B	Ball handle
C	Carrying roller
D	Clamping lever for swivelling mechanism
E	Clamping lever for lifting and lowering
F	Vertical frame
G	Star knob (for securing the carrying roller)
H	Base plate (option)

5. Handling

- Hold the swivelling frame with three-point-support and loosen the T-handles. (fig.2)

fig.2

- Shift the three-point-support into the desired repair position, then re-tighten **both** the T-handles. (fig.3)

fig.3

- Roughly pre-adjust the three-point-support. To this end, push the right carrying roller outwards to the right as far as possible, then lock it with the star-knob. (fig.4)

fig.4

- Lift the bicycle, and hang it onto the carrying rollers. (fig.5)
- In case of heavy electric bicycles, first hang the handlebar onto the front carrying roller, then lift the back side of the bike and fasten it onto the second carrying roller.

fig.5

- Shift the second carrying roller outwards into the appropriate position, then lock it with the star knob so as to secure the bicycle frame without looseness. (fig.6)

fig.6

- Fit the lower carrying roller into the angle between the seat tube and the down tube. Correctly lock the clamping lever for carrying roller. (fig.7)

fig.7

- Swivel the bicycle into the repair position. To this end, operate the clamping lever for the swivelling mechanism. (fig.8+9)

fig.8

fig.9

Option

- The column guide rail has grooves where e.g. a tool tray (ref.no. 589 4848) can be fitted in a vertically adjustable position. (fig.10)

fig.10

- In order to handle bulky frames that cannot be secured with the carrying rollers, the carrying roller can be exchanged for the rubber-lagged universal holding pin.
  (Set of 3 pcs, ref.no. 589 4739)

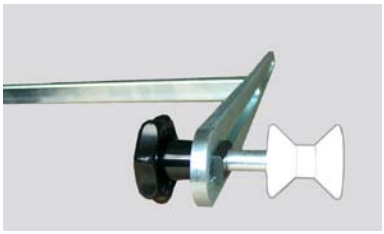


fig.11

- To this end, loosen the star knob, then exchange the rear carrying rollers for the universal holding pin. (fig.11 + 12)

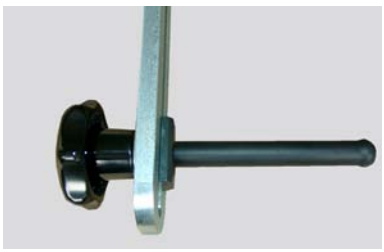


fig.12

6. Maintenance

- Regularly clean off dirt and dust from the device.
- Occasionally lubricate the swivelling mechanism with universal grease.
- Once a year, make sure that the M10 lock nut of the swivelling mechanism is seated correctly.

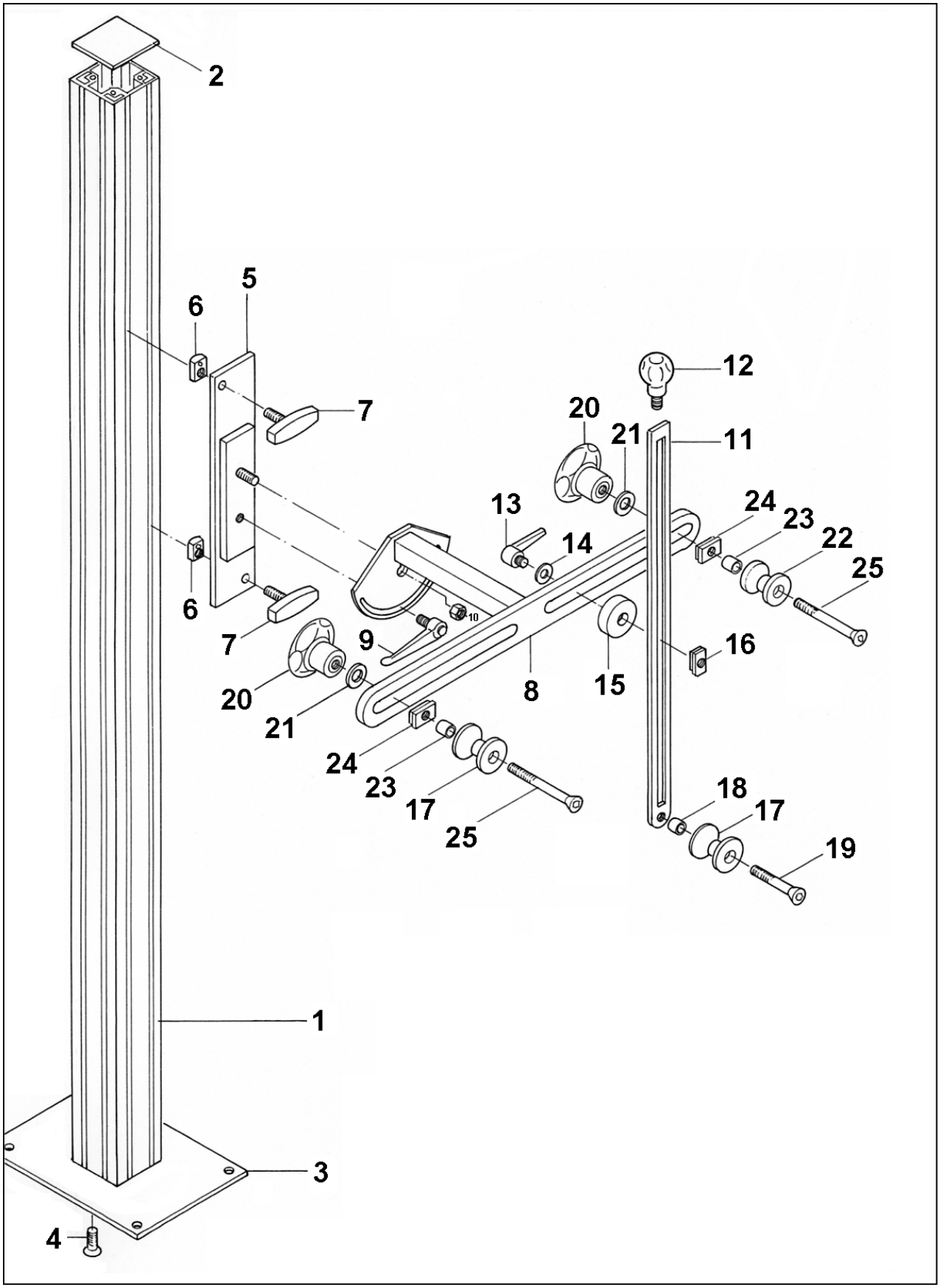
7. Waste disposal

- Carrying rollers = plastic POM
- Clamping lever, T-handles, ball handle = plastic PA and/or PP
- Guide column = aluminium
- Further parts = steel scrap

8. Spare parts list

Pos.	Ref.no.	Description
01	WH 9735	Aluminium profile 80 x 80 x 1700 mm
02	WH 9736	Cover 8 - 80 x 80
03	WH 9737	Base plate 200 x 280 x 8 mm
04	WH 3565	Counter sunk screw DIN 7991 – M8 x 25
05	WH 9738	Guide carriage
06	WH 9739	Groove nut 8 St M8
07	WH 9740	T-handle with pin M8 x 40
08	WH 9741	Swivelling arm 205 mm
09*	WH 9705	Clamping lever GN 603 – M10 x 30
10	WH 2677	Lock nut DIN 985 – M10
11	WH 9702	Vertical frame
12	WH 9703	Holding knob Ø50 – M8 x 20
13*	WH 9706	Clamping lever GN 603 – M8 x 40
14	WH 1476	washer DIN 440 – R 9
15	WH 9707	spacer Ø50 x 15 mm
16	WH 9708	Long groove nut Gr. 10 / M8
17*	WH 9712	Carrying roller Ø49 x 45 mm
18	WH 9713	spacer Ø14 x 1,8 x 12 mm
19	WH 3553	Counter sunk screw DIN 7991 – M10 x 70
20*	WH 9704	Star knob DIN 6336 – Ø63 – M10
21	WH 1478	washer DIN 440 – R 11
22*	WH 9709	Carrying roller Ø46 x 45 mm
23	WH 9710	spacer Ø14 x 1,8 x 27 mm
24	WH 9711	Long groove nut Gr. 12 / M10
25	WH 3564	Counter sunk screw DIN 7991 – M10 x 100

* The parts marked with an asterisk *) are wear parts, for which no liability based on any legal regulations whatsoever can be accepted.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