



KERN VHB_VHS

Version 1.0 2/2007

Adjustment instructions Pallet truck scales

The scales have three ways of entering the adjustment points (multi-point adjustment). This has the advantage that even weighing systems showing a non-linear weighing curve may be easily adjusted within the required limits.

Information: If an incorrect value that cannot be reset was entered during the adjustment, switch the scales off and start right from the beginning.

OPTIONS

There are two crucial differences for adjustment. Both cases require a reset to zero before weight adjustment is carried out.

1. Two-point adjustment (required adjustment weight 1000 kg to 1500 kg).
This involves a reset to zero + weight adjustment at c. 50% to 75% nominal load of the scales.
2. Multi-point adjustment, for scales with accuracy problems (test weights required c. 200kg, c.1000 kg, c.1500kg)
This involves a reset to zero + three weight adjustments at c. 10%, 50%, 75% of the nominal load of the scales.


RESET TO ZERO

The scales must be empty.

The scales must be turned on.

The scales should be lifted by approximately 2 lifting index markings.

The scales are not pushed underneath anything and stand absolutely clear of its surroundings.

























- Now, press the  key for approximately 9 seconds until the display starts to change and then let go.








The scales run through several settings.

Reset to zero is complete. The scales have reverted to weighing mode.

1. TWO-POINT ADJUSTMENT

The scales must be turned on and you have already carried out a reset to zero.

















- Now, press the  key for approximately 20 seconds.
The scales show the value for the first adjustment point, the *NET* display arrow is flashing.
Use the ,  and  function keys to enter the existing adjustment weight as follows:
- Briefly press the  key; the right digit starts flashing.
- Use  or  key to set this digit according to the first adjustment weight, e. g. for 1472 kg, set "2".
- To confirm, briefly press the  key; now the second digit is flashing.
- Set these to „7“ using  or .
- To confirm, briefly press the  key; now the third digit is flashing.
- Use  or  to set this digit to “4”, the hundreds digit to “4”, the thousands digit might have to be set to “1” as required, as before the first digit. To confirm all segments, press the  key until only the *NET* display arrow flashes.
- Import the adjustment weight (in this case the 1472 kg above).
- To confirm, press the  key for c. **4 sec**. The display returns to “AF00”. Display shows again the first adjustment value.
- Press the  key, the ~ display arrow is flashing; for a two-point adjustment, the medium adjustment value must be set to “00000”.
- Briefly press the  key; the right digit starts flashing.
- Press the function keys ,  and  to enter the medium adjustment value (00000 kg) as described above, press the  key to confirm all segments until only the ~ display arrow flashes.
- To confirm, press the  key for c. **4 sec**. The display reverts to “AF00”. The display shows again the medium adjustment value.
- Press the  key, *NET* + ~ display arrows are flashing; for a two-point adjustment the **last** adjustment value must be set to “00000”.
- Briefly press the  key; the right digit starts flashing.
















- Press the function keys ,  and  to enter the last adjustment value, too, at "0000.0", as described above, press the  key to confirm all segments until only the *NET* + ~ display arrows flash.
- To confirm, press the  key for c. **4 sec**. The display reverts to "AF00". Again the display shows the last adjustment value.
- To exit adjustment mode, press the  key; the scales show e. g. AP 11. (internal value)
- Press the  key for **c. 4 sec.**; system reverts to weighing mode. On the display appears the current weight placed on the forks. Adjustment is complete and you may now take off the adjustment load.

or:

2. MULTIPLE-POINT ADJUSTMENT

The scales must be turned on and you have already carried out a reset to zero.

- Now, press the  key for approximately 20 seconds. The scales show the value of the first adjustment point; the *NET* display arrow is flashing. Use the ,  and  function keys to enter the existing adjustment weight as follows:
- Briefly press the  key; the right digit starts flashing. Use  or  to set this digit according to the first adjustment weight, e. g. for 250 kg, set "2".
- To confirm, briefly press the  key; now the second digit is flashing.
- Use  or  to set this digit to "5".
- To confirm, briefly press the  key; the third digit is flashing.
- Use  or  to set this to "2", the hundreds digit at "2" and, possibly the thousands digit at "0", as required. To confirm, press the  key until only the *NET* display arrow flashes.
- Import the adjustment weight (in this case the 250 kg above).
- To confirm press the  key for c. 4 sec. The display reverts to "AF00". The display shows again the first adjustment value. The first adjustment load (250 kg) can now be taken off.
- Press the  key, the ~ display arrow is flashing, the medium adjustment value can be entered.

- Briefly press the  key; the right digit starts flashing.
- Press the ,  and  function keys to enter the medium adjustment value (e.g. 1250 kg) as described above, press the  key to confirm all segments until only the NET display arrow flashes.
- Import the adjustment weight (in this case the 1250 kg above).
- To confirm press the  key for c. 4 sec. The display reverts to "AF00". The display shows again the medium adjustment value; the medium adjustment load (1250 kg) can now be taken off.
- Press the  key, the NET + ~ display arrows are flashing, the last adjustment value can be entered.
- Briefly press the  key; the right digit starts flashing.
- Press the function keys ,  and  to enter the last adjustment value (e.g. 1875 kg) as described above, press the  key to confirm all segments until only the NET + ~ display arrows flash.
- Import the adjustment weight (in this case the 1875 kg above).
- To confirm press the  key for c. 4 sec. The display reverts to "AF00". Again the display shows the last adjustment value.
- To exit adjustment mode, press the  key; the scales show e. g. AP 11 (internal value)
- Press the  key for c. 4 sec; the system reverts to weighing mode, the scales show the current weight, the adjustment is complete, the adjustment load (1875 kg) may now be taken off.

Please note: If you readjust adjusted scales with the help of multi-point adjustment, you should use the smallest weight first, followed by the medium weight and finally the greatest weight. Use only 1 adjustment value, then set value 2 and 3 to "0000.0".