

Testing laboratory for Walking Aids

Test report

Page 1 of 2

Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814786 Topro Taurus-H

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table and gas cylinder assisted height adjustment.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

 Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:

814786

Product name:

Topro Taurus-H

Telephone: 61 13 46 56

Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

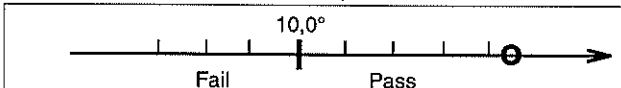
The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

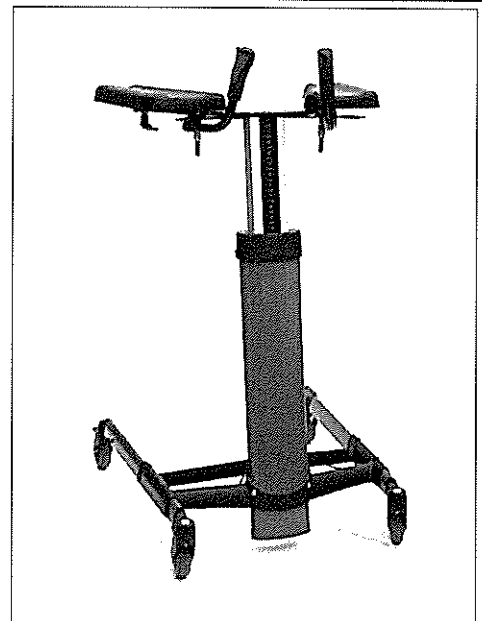
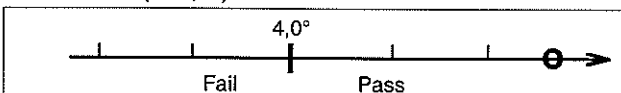
Test results
For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes
 (200 000 cycles loaded with 1 191 N ± 3,5 N)

Static loading: (Loaded with 2 257 N ± 6,6 N) Passed: Yes

Stability: (Loaded with 250 N ± 4,0 N)

Forwards (=>10,0°): 14,3° Passed: Yes

Sideways (=>3,5°): right: 3,6°, left: 3,6° Passed: Yes

Backwards (=>4,0°): 8,4° Passed: Yes

Measurements

 Maximum width: 665 - 760 mm
 Maximum length: 695 mm
 Turning diameter: 910 mm
 Height to upper surface arm supp.: 840 - 1280 mm
 Width betw. arm supp. centres: 440 - 565 mm
 Usable length of handgrips: 110 mm
 Handgrip width: 34 mm
 Handle tubing diameter: 22 mm
 Wheels, dia. x width: 100 x 31 mm

Weight (mass)*): 18,0 kg

*) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within ± 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° ± 5°C during the tests.

814786 Topro Taurus-H

Inspection on Arrival: No irregularities that may influence the test results.

Instruction manual: Manual with instructions for assembly, use and maintenance in Norwegian, English and German.

Materials: **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.

Marking and labelling:

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles, and none adjustable, foot operated parking brakes on all four wheels. Each brake pedal operates one wheel only. The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted, assisted by means of a hand operated central, internally mounted gas cylinder, standard or high pressure. The adjustments are graduated with numbers every 25 mm, but may be positioned independent of these. Maximum height is marked by means of the end of the stroke of the gas cylinder.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear. The locking of the adjustment is by screws with levers that may be placed in any position.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) and 814782 with handoperated brakes

814786 Topro Taurus-H, (gas cylinder assisted) (this product) and 814787 with handoperated brakes

814788 Topro Taurus-E, (battery driven) and 814789 with handoperated brakes

All products may be supplied with adjustable handles, lockable swing on rear wheels, and running and parking brakes.

From January 2006 all products may be supplied with 150 mm diameter wheels as tested on 814787, Topro Taurus-H Large wheels, Test No: 120612 06 01.

Summary of results:

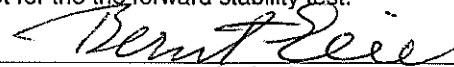
The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report replaces previous report with identical test number, issued 2005-03-31

The possibility of supplying 150 mm diameter wheels was added in January 2006.

This test report is based on test report No. 120612 04 12, except for the the forward stability test.

Oslo, 2006-01-16



as per authorisation

Bernt S. Eie, Head of Laboratory
Phone: +4798245151, e-mail: Bernt.Eie@sintef.no

www.sintef.no

This test report is valid only for the product that has been tested. This report has been issued by a testing laboratory accredited by Norwegian Accreditation (NA) in accordance with NS-EN ISO/IEC 17025. The accreditation entails that the laboratory meets the requirements stipulated by NA with regard to competence and testing system for the test methods included in the accreditation. This also implies that the laboratory has a satisfactory quality assurance system and traceability to accredited or national calibration laboratories. This report shall not be reproduced except in full.

Testing laboratory for Walking Aids

Test report

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Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814787 Topro Taurus-H

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table, gas cylinder assisted height adjustment and hand operated brakes.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:
 814787

Product name:
 Topro Taurus-H

Telephone: 61 13 46 56
 Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

Test results

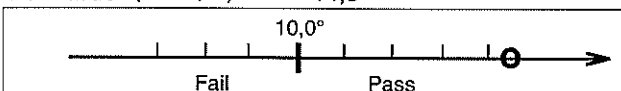
For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes
 (200 000 cycles loaded with 1 191 N ± 3,5 N)

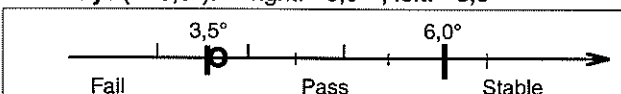
Static loading: (Loaded with 2 257 N ± 6,6 N) Passed: Yes

Stability: (Loaded with 250 N ± 4,0 N)

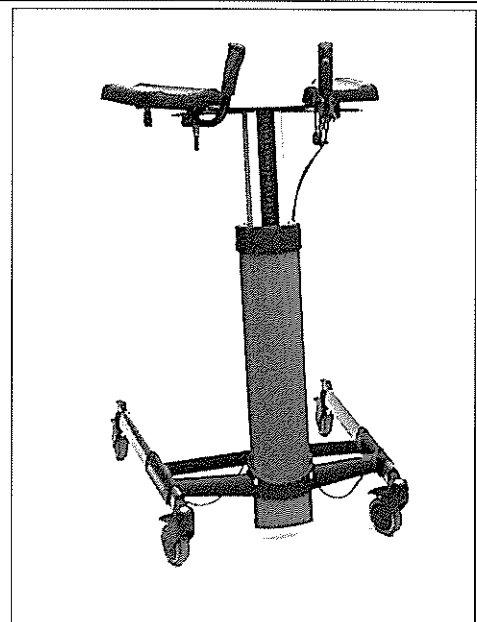
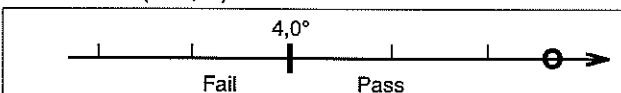
Forwards (=>10,0°): 14,3° Passed: Yes



Sideways (=>3,5°): right: 3,6°, left: 3,6° Passed: Yes



Backwards (=>4,0°): 8,4° Passed: Yes



Measurements

Maximum width: 665 - 760 mm
 Maximum length: 695 mm
 Turning diameter: 910 mm
 Height to upper surface arm supp.: 840 - 1280 mm
 Width betw. arm supp. centres: 440 - 565 mm
 Usable length of handgrips: 110 mm
 Handgrip width: 34 mm
 Handle tubing diameter: 22 mm
 Wheels, dia. x width: 100 x 31 mm

Weight (mass)*): 18,0 kg

*) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within ± 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° ± 5°C during the tests.

814787 Topro Taurus-H

Inspection on Arrival: No irregularities that may influence the test results.

Instruction manual: Manual with instructions for assembly, use and maintenance in Norwegian, English and German.

Materials: **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.

Marking and labelling:

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles, locking of rear wheels, non-adjustable foot operated parking brakes on all four wheels (each brake pedal operates one wheel only), and adjustable hand operated running and parking brakes on the rear wheels (the brake handle acts on both wheels simultaneously). The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted, assisted by means of a hand operated central, internally mounted gas cylinder, standard or high pressure. The adjustments are graduated with numbers every 25 mm, but may be positioned independent of these. Maximum height is marked by means of the end of the stroke of the gas cylinder.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear. The locking of the adjustment is by screws with levers that may be placed in any position.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) and 814782 with handoperated brakes

814786 Topro Taurus-H, (gas cylinder assisted) and 814787 with handoperated brakes (this product)

814788 Topro Taurus-E, (battery driven) and 814789 with handoperated brakes

All products may be supplied with adjustable handles, lockable swing on rear wheels, and running and parking brakes.

From January 2006 all products may be supplied with 150 mm diameter wheels as tested on 814787, Topro Taurus-H Large wheels, Test No: 120612 06 01.

Summary of results:


The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report replaces previous report with identical test number, issued 2005-03-31

The possibility of supplying 150 mm diameter wheels was added in January 2006.

This test report is based on test report No. 120612 04 12, except for the the forward stability test.

Oslo, 2006-01-16



as per authorisation

Bernt S. Eie, Head of Laboratory

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Testing laboratory for Walking Aids

Test report

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Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814788 Topro Taurus-E

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table and battery driven height adjustment.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:
 814788

Product name:
 Topro Taurus-E

Telephone: 61 13 46 56
 Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

Test results

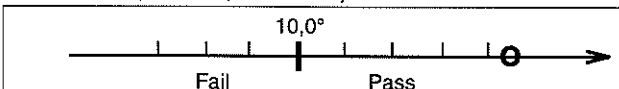
For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes
 (200 000 cycles loaded with 1 191 N ± 3,5 N)

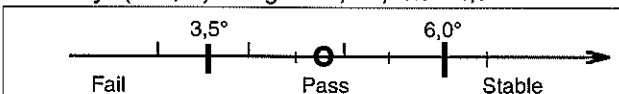
Static loading: (Loaded with 2 257 N ± 6,6 N) Passed: Yes

Stability: (Loaded with 250 N ± 4,0 N)

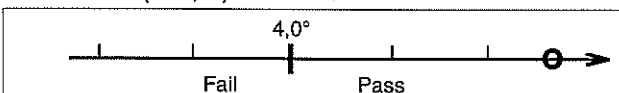
Forwards (=>10,0°): 14,4° Passed: Yes



Sideways (=>3,5°): right: 4,8° , left: 4,9° Passed: Yes



Backwards (=>4,0°): 10,0° Passed: Yes



Measurements

Maximum width: 665 - 760 mm
 Maximum length: 695 mm
 Turning diameter: 910 mm
 Height to upper surface arm supp.: 850 - 1335 mm
 Width betw. arm supp. centres: 440 - 560 mm
 Usable length of handgrips: 110 mm
 Handgrip width: 34 mm
 Handle tubing diameter: 22 mm
 Wheels, dia. x width: 100 x 31 mm

Weight (mass) *): 24,0 kg
 *) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within ± 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° ± 5°C during the tests.

814788 Topro Taurus-E**Inspection on Arrival:** No irregularities that may influence the test results.**Instruction manual:** Manual with instructions for assembly, use and maintenance in Norwegian, English and German.**Materials:** **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.**Marking and labelling:**

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles, and non-adjustable foot operated parking brakes on all four wheels. Each brake pedal operates one wheel only. The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted by means of a hand operated centrally mounted, battery driven actuator. The adjustments are graduated with numbers every 25 mm, but may be positioned independent of these. Maximum height is marked by means of the end of the stroke of the actuator.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear.

The locking of the adjustment is by screws with levers that may be placed in any position.

A battery charger is supplied with the product to charge the batteries driving the height adjustment. The charger, CH0800230, is a double insulated charger for 230VAC, 50Hz input and 24VDC, 220mA output. The charger is marked with "GS", "D" and "CE" approval.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) and 814782 with handoperated brakes

814786 Topro Taurus-H, (gas cylinder assisted) and 814787 with handoperated brakes

814788 Topro Taurus-E, (battery driven) (this product) and 814789 with handoperated brakes

All products may be supplied with adjustable handles, lockable swing on rear wheels, and running and parking brakes.

From January 2006 all products may be supplied with 150 mm diameter wheels as tested on 814787, Topro Taurus-H

Large wheels, Test No: 120612 06 01.

Summary of results:

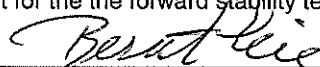
The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report replaces previous report with identical test number, issued 2005-04-18

The possibility of supplying 150 mm diameter wheels was added in January 2006.

This test report is based on test report No. 120612 04 11, except for the the forward stability test.

Oslo, 2006-01-16



as per authorisation

Bernt S. Eie, Head of Laboratory

Phone: +4798245151, e-mail: Bernt.Eie@sintef.no

Testing laboratory for Walking Aids

Test report

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Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814789 Topro Taurus-E

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table, battery driven height adjustment and hand operated brakes.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:
 814789

Product name:
 Topro Taurus-E

Telephone: 61 13 46 56
 Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

Test results

For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes
 (200 000 cycles loaded with 1 191 N ± 3,5 N)

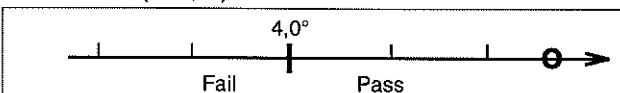
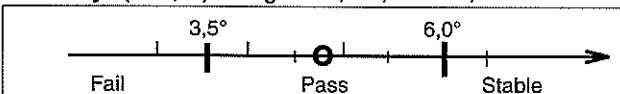
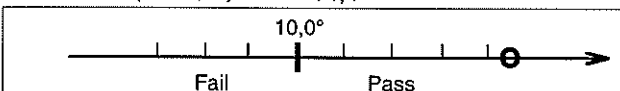
Static loading: (Loaded with 2 257 N ± 6,6 N) Passed: Yes

Stability: (Loaded with 250 N ± 4,0 N)

Forwards (=>10,0°): 14,4° Passed: Yes

Sideways (=>3,5°): right: 4,8°, left: 4,9° Passed: Yes

Backwards (=>4,0°): 10,0° Passed: Yes



Measurements

Maximum width:	665 - 760 mm
Maximum length:	695 mm
Turning diameter:	910 mm
Height to upper surface arm supp.:	850 - 1335 mm
Width betw. arm supp. centres:	440 - 560 mm
Usable length of handgrips:	110 mm
Handgrip width:	34 mm
Handle tubing diameter:	22 mm
Wheels, dia. x width:	100 x 31 mm

Weight (mass) *): 24,0 kg
 *) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within ± 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° ± 5°C during the tests.

814789 Topro Taurus-E

Inspection on Arrival: No irregularities that may influence the test results.

Instruction manual: Manual with instructions for assembly, use and maintenance in Norwegian, English and German.

Materials: **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.

Marking and labelling:

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles, locking of rear wheels, non-adjustable foot operated parking brakes on all four wheels (each brake pedal operates one wheel only), and adjustable hand operated running and parking brake on the rear wheels (the brake handle acts on both wheels simultaneously). The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted by means of a hand operated centrally mounted, battery driven actuator. The adjustments are graduated with numbers every 25 mm, but may be positioned independent of these. Maximum height is marked by means of the end of the stroke of the actuator.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear.

The locking of the adjustment is by screws with levers that may be placed in any position.

A battery charger is supplied with the product to charge the batteries driving the height adjustment. The charger, CH0800230, is a double insulated charger for 230VAC, 50Hz input and 24VDC, 220mA output. The charger is marked with "GS", "D" and "CE" approval.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) and 814782 with handoperated brakes

814786 Topro Taurus-H, (gas cylinder assisted) and 814787 with handoperated brakes

814788 Topro Taurus-E, (battery driven) and 814789 with handoperated brakes (this product)

All products may be supplied with adjustable handles, lockable swing on rear wheels, and running and parking brakes.

From January 2006 all products may be supplied with 150 mm diameter wheels as tested on 814787, Topro Taurus-H Large wheels, Test No: 120612 06 01.

Summary of results:

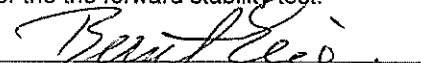
The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report replaces previous report with identical test number, issued 2005-04-18

The possibility of supplying 150 mm diameter wheels was added in January 2006.

This test report is based on test report No. 120612 04 11, except for the forward stability test.

Oslo, 2006-01-16


as per authorisation

Bernt S. Eie, Head of Laboratory
Phone: +4798245151, e-mail: Bernt.Eie@sintef.no

Testing laboratory for Walking Aids

Test report

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Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814781 Topro Taurus-M

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table and manual height adjustment.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

 Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:

814781

Product name:

Topro Taurus-M

Telephone: 61 13 46 56

Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

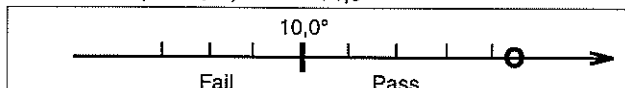
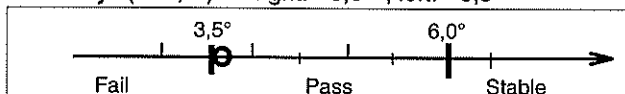
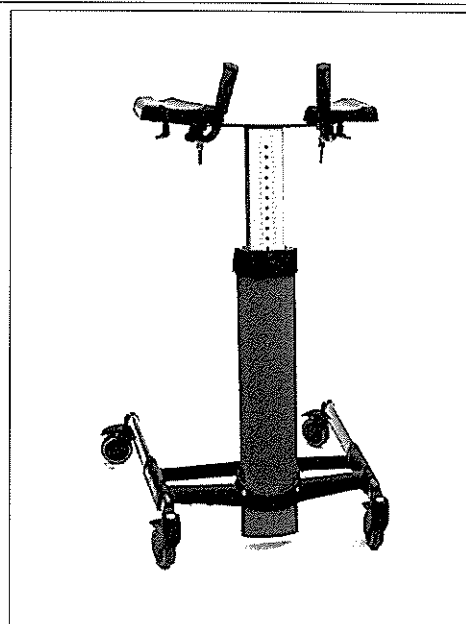
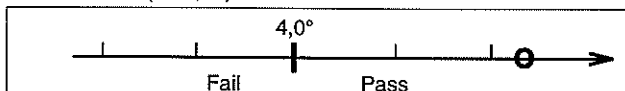
Test results
For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes

 (200 000 cycles loaded with 1 191 N \pm 3,5 N)

Static loading: (Loaded with 2 257 N \pm 6,6 N) Passed: Yes

Stability: (Loaded with 250 N \pm 4,0 N)

Forwards (\Rightarrow 10,0°): 14,5° Passed: Yes

Sideways (\Rightarrow 3,5°): right: 3,6°, left: 3,5° Passed: Yes

Backwards (\Rightarrow 4,0°): 6,4° Passed: Yes

Measurements

Maximum width:	665 - 700 mm
Maximum length:	695 mm
Turning diameter:	910 mm
Height to upper surface arm supp.:	850 - 1335 mm
Width betw. arm supp. centres:	440 - 525 mm
Usable length of handgrips:	110 mm
Handgrip width:	34 mm
Handle tubing diameter:	22 mm
Wheels, dia. x width:	100 x 31 mm

Weight (mass) *): 16,0 kg

*) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within \pm 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° \pm 5°C during the tests.

814781 Topro Taurus-M

Inspection on Arrival: No irregularities that may influence the test results.

Instruction manual: Manual with instructions for assembly, use and maintenance in Norwegian, English and German.

Materials: **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.

Marking and labelling:

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles and non-adjustable, foot operated parking brakes on all four wheels. Each brake pedal operates one wheel only. The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted by releasing a centrally mounted spring loaded locking bolt. The adjustment is graduated in intervals of 25 mm. Maximum height is marked by means of a physical stop.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear.

The locking of the adjustment is by screws with levers that may be placed in any position.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) (this product) and 814782 with handoperated brakes

814786 Topro Taurus-H, (gas cylinder assisted) and 814787 with handoperated brakes

814788 Topro Taurus-E, (battery driven) and 814789 with handoperated brakes

All products may be supplied with adjustable handles, lockable swing on rear wheels, and running and parking brakes.

From January 2006 all products may be supplied with 150 mm diameter wheels as tested on 814787, Topro Taurus-H Large wheels, Test No: 120612 06 01.

Summary of results:

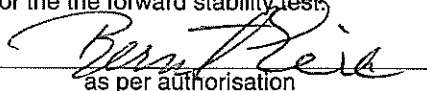
The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report replaces previous report with identical test number, issued 2005-03-31

The possibility of supplying 150 mm diameter wheels was added in January 2006.

This test report is based on test report No. 120612 04 12, except for the the forward stability test.

Oslo, 2006-01-16


as per authorisation

Bernt S. Eie, Head of Laboratory

Phone: +4798245151, e-mail: Bernt.Eie@sintef.no

Test report

Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814782 Topro Taurus-M

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table, manual height adjustment and hand operated brakes.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

 Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:
 814782

Product name:
 Topro Taurus-M

Telephone: 61 13 46 56

Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

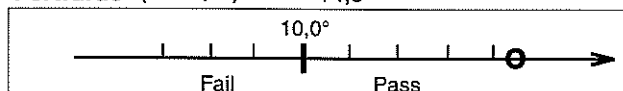
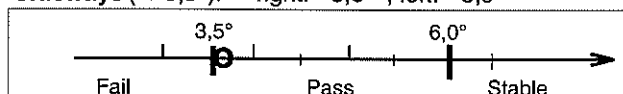
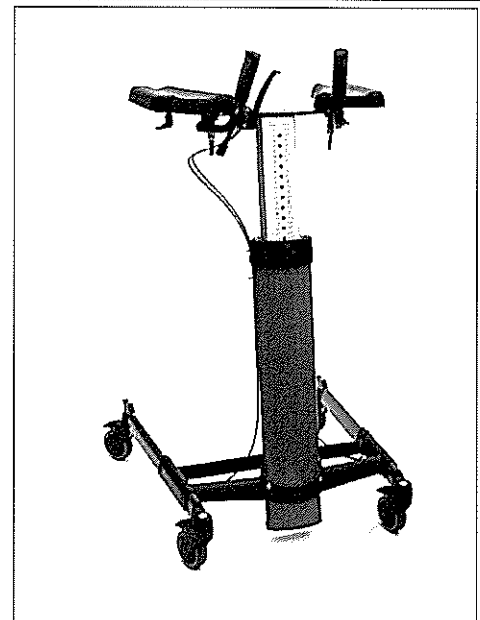
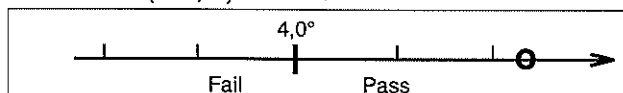
The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

Test results
For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes
 (200 000 cycles loaded with 1 191 N ± 3,5 N)

Static loading: (Loaded with 2 257 N ± 6,6 N) Passed: Yes

Stability: (Loaded with 250 N ± 4,0 N)

Forwards (=>10,0°): 14,5° Passed: Yes

Sideways (=>3,5°): right: 3,6°, left: 3,5° Passed: Yes

Backwards (=>4,0°): 6,4° Passed: Yes

Measurements

Maximum width:	665 - 700 mm
Maximum length:	695 mm
Turning diameter:	910 mm
Height to upper surface arm supp.:	850 - 1335 mm
Width betw. arm supp. centres:	440 - 525 mm
Usable length of handgrips:	110 mm
Handgrip width:	34 mm
Handle tubing diameter:	22 mm
Wheels, dia. x width:	100 x 31 mm

Weight (mass) *): 16,0 kg

*) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within ± 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° ± 5°C during the tests.

814782 Topro Taurus-M

Inspection on Arrival: No irregularities that may influence the test results.

Instruction manual: Manual with instructions for assembly, use and maintenance in Norwegian, English and German.

Materials: **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.

Marking and labelling:

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles, locking of rear wheels, non-adjustable foot operated parking brakes on all four wheels (each brake pedal operates one wheel only), and adjustable hand operated running and parking brake on the rear wheels (the brake handle acts on both wheels simultaneously). The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted by releasing a centrally mounted spring loaded locking bolt. The adjustment is graduated in intervals of 25 mm. Maximum height is marked by means of a physical stop.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear.

The locking of the adjustment is by screws with levers that may be placed in any position.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) and 814782 with handoperated brakes (this product)

814786 Topro Taurus-H, (gas cylinder assisted) and 814787 with handoperated brakes

814788 Topro Taurus-E, (battery driven) and 814789 with handoperated brakes

All products may be supplied with adjustable handles, lockable swing on rear wheels, and running and parking brakes.

From January 2006 all products may be supplied with 150 mm diameter wheels as tested on 814787, Topro Taurus-H Large wheels, Test No: 120612 06 01.

Summary of results:

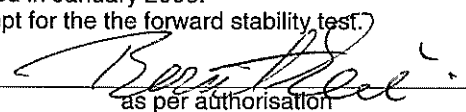
The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report replaces previous report with identical test number, issued 2005-03-31

The possibility of supplying 150 mm diameter wheels was added in January 2006.

This test report is based on test report No. 120612 04 10, except for the the forward stability test.)

Oslo, 2006-01-16


as per authorisation

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Testing laboratory for Walking Aids

Test report

Page 1 of 2

Walking Table with Supporting Table (Class. code 120612 according to EN ISO 9999)

Product: 814787 Topro Taurus-H Large wheels

Height adjustable, solid wheels, handgrips of synthetic rubber, adjustable handles, width adjustable supporting table, gas cylinder assisted height adjustment and hand operated brakes.

Manufacturer: Totenprodukter AS Norway

Tested by request of:

 Totenprodukter AS
 Rambekkveien 7
 N-2816 GJØVIK

Product id.:
 814787

Product name:
 Topro Taurus-H Store hjul

Telephone: 61 13 46 56

Facsimile: 61 13 45 90

Attn.: Ulf Dæhlen

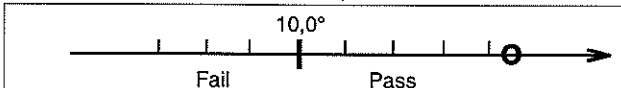
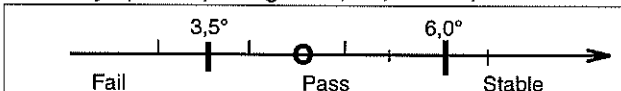
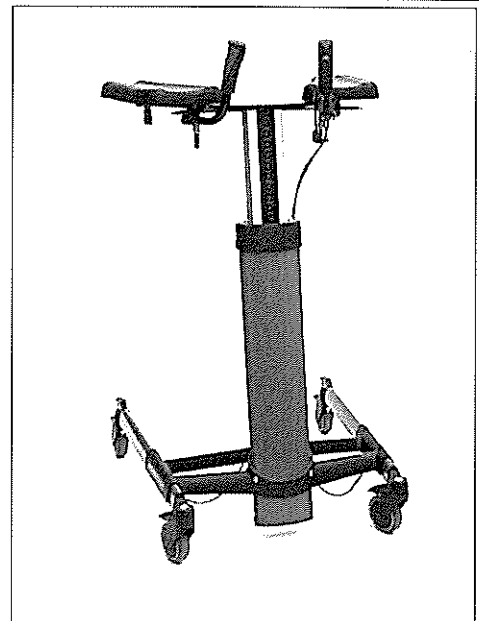
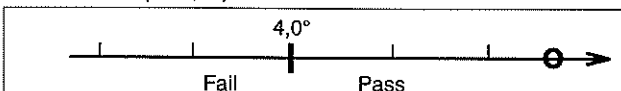
The tests are performed according to: Nordic spec., 120612, SINTEF, H, HMI, VTT, v. 5

Test results
For maximum user weight (mass): 150 kg

Fatigue: Passed loading of support table: Yes
 (200 000 cycles loaded with 1 191 N ± 3,5 N)

Static loading: (Loaded with 2 257 N ± 6,6 N) Passed: Yes

Stability: (Loaded with 250 N ± 4,0 N)

Forwards (=>10,0°): 14,3° Passed: Yes

Sideways (=>3,5°): right: 4,7°, left: 4,8° Passed: Yes

Backwards (=>4,0°): 8,4° Passed: Yes

Measurements

Maximum width:	665 - 760 mm
Maximum length:	695 mm
Turning diameter:	910 mm
Height to upper surface arm supp.:	910 - 1350 mm
Width betw. arm supp. centres:	440 - 565 mm
Usable length of handgrips:	110 mm
Handgrip width:	34 mm
Handle tubing diameter:	22 mm
Wheels, dia. x width:	150 x 31 mm

Weight (mass) *): 19,7 kg

*) not accredited

Uncertainty of measurement of all mass-combinations used for loadings are within ± 2% of the specified force values. Uncertainty of measurement of angle measurements for stability, inclusive of rounding down to the nearest 0,1°, are within +0,25° and -0,15°. Measurements in the range 0 to 50 mm are rounded to the nearest mm. Measurements in the range 50 mm and higher are rounded up to the nearest 5 mm. The temperature of the test environment was within 21° ± 5°C during the tests.

814787 Topro Taurus-H Large wheels**Inspection on Arrival:** No irregularities that may influence the test results.**Instruction manual:** Manual with instructions for assembly, use and maintenance in Norwegian, English and German.**Materials:** **Frame:** Epoxy painted aluminium profiles. Handle tubings of painted steel.
Handgrips: Synthetic rubber.**Marking and labelling:**

Maximum user weight (mass), name and address of manufacturer, model identification, serial number and maximum extension of the height adjustment. (Month and year of manufacture may be deducted from the serial number.)

Description:

Height adjustable walking table with width adjustable supporting table, adjustable handles, locking of rear wheels, non-adjustable foot operated parking brakes on all four wheels (each brake pedal operates one wheel only), and adjustable hand operated running and parking brakes on the rear wheels (the brake handle acts on both wheels simultaneously). The walking table has no light-reflecting devices.

The walking table has four swivelling, solid wheels.

The supporting table is width-adjustable and moulded from Polyuretan.

The vertical handgrips are slightly thicker at the middle and at the top, and are moulded from synthetic rubber.

The height of the supporting table assembly may be adjusted, assisted by means of a hand operated central, internally mounted gas cylinder, standard or high pressure. The adjustments are graduated with numbers every 25 mm, but may be positioned independent of these. Maximum height is marked by means of the end of the stroke of the gas cylinder.

The width adjustment of the supporting table is performed by swinging the two parts outwards or inwards at the rear.

The locking of the adjustment is by screws with levers that may be placed in any position.

Functional evaluation:

The walking table fulfils the functional requirements of Nordic spec., 120612, v. 5 for indoor use.

General remarks:

The walking table is made in three versions regarding the height adjustment mechanism:

814781 Topro Taurus-M, (manual) and 814782 with handoperated brakes

814786 Topro Taurus-H, (gas cylinder assisted) and 814787 with handoperated brakes (this product)

814788 Topro Taurus-E, (battery driven) and 814789 with handoperated brakes

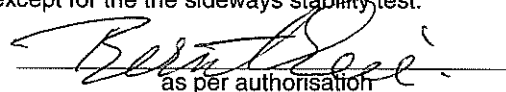
All products may be supplied with adjustable handles, lockable swing on rear wheels, 100 or 150 mm diameter wheels, and running and parking brakes.

Summary of results:

The product fulfils the requirements of Nordic Spec., 120612, SINTEF, H, HMI, VTT, version 5.

This test report is based on test report No. 120612 05 02, except for the the sideways stability test.

Oslo, 2006-01-16


as per authorisation

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This test report is valid only for the product that has been tested. This report has been issued by a testing laboratory accredited by Norwegian Accreditation (NA) in accordance with NS-EN ISO/IEC 17025. The accreditation entails that the laboratory meets the requirements stipulated by NA with regard to competence and testing system for the test methods included in the accreditation. This also implies that the laboratory has a satisfactory quality assurance system and traceability to accredited or national calibration laboratories. This report shall not be reproduced except in full.