Staebel Deluxe Alloy Wheelchair User Manual

Product Code: 45DAW



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Thank you for choosing Staebel Deluxe Alloy Wheelchair. Please read this manual before operation for maintenance instructions and safe usage of this wheelchair.

INTRODUCTION

This wheelchair has a manufacturers recommended user weight of 125-150kg. This chair complies with AS3695:2008 and should you need further information relating to the test results or maintenance, please contact your dealer or place of purchase.

Please take the time to read this user manual and familiarise yourself with the functions of this wheelchair. Should you have any queries regarding the operation of this product, please contact Staebel.

Warnings

Do not operate, maintain or adjust wheelchair without reading and understanding all instructions in the user manual.

- This wheelchair has been approved as a seat surface to be used within a vehicle of any kind. Always transfer wheelchair user to an approved vehicle seat and use restraints available from the auto industry for this application.
- Do no operate this wheelchair on streets or roadways.
- Do not attempt inclines greater than 10% without assistance.
- Completely engage the wheel locks when entering and leaving wheelchair or using wheelchair in elevator or wheelchair lift.
- Wheelchair should be on a stable, level surface and wheel locks should be engaged before transferring user to or from the wheelchair.
- Do not adjust footrests any closer than 2 ½ inches from the floor.
- When entering or leaving the wheelchair, do not stand or put pressure on the footrest.
- Before leaning or reaching forward, rotate castors toward the front of the wheelchair and engage wheel locks to help prevent wheelchair from tipping over.
- Do not lean over the top of wheelchair back since this can cause the wheelchair to tip over. If trying to reach objects, reach back only as far as your arm will extend without altering your seating position.
- DO NOT use the wheel locks to slow your descent down an incline.
- Changing direction when going down an incline could cause instability.
- Surface temperatures can increase when chair is exposed to sunlight.

Staebel wheelchairs are designed to combine comfort safety and reliability. Staebel is committed to the quality of our products and the satisfaction or our customers.

Purpose

The wheelchair is produced solely for increasing mobility and for the transport of people with impaired mobility in accordance with the below mentioned indications.

To note: We are only able to issue a guarantee if the product is used in accordance with the specified conditions and for the specified purpose.

Indications

Inability to walk or severe walking disability as a result of:

- Paralysis
- Loss of limbs
- Meromelia/limb deformation

- Joint contractures/joint damage
- Other ailments

The supply with strengthened wheelchairs is indicated if the body weight of the disabled person is 150kg or more and a standard wheelchair no longer offers the required safety.

Use of the wheelchair is not suited for:

- Perception disorders
- Severe disturbances of equilibrium
- Loss of limbs on both arms
- Contractures/damage to joints on both arms
- Inability to sit
- Reduced or insufficient eyesight

Specifications			
Product Code	4629	45129	45629
Seat Width	**460 mm**	**510 mm**	**560 mm**
Seat Depth	400 mm	400 mm	400 mm
Seat Height	480 mm	490 mm	490 mm
Backrest Height	430 mm	430 mm	430 mm
Armrest Height	230 mm	210 - 280 mm	210 - 280 mm
Overall Width	650 mm	700 mm	750 mm
Overall Depth	1060 mm	1000 mm	1000 mm
Overall Height	960 mm	960 mm	960 mm
Fold Width	320 mm	300 mm	300 mm
Net/Gross Weight	11 / 14 kg	14.5 / 17 kg	15 / 17.5 kg
SWL	125 kg	150 kg	150 kg

USE AND SAFETY

Wheel Locks

Engage wheel locks on both wheels before entering the chair, leaving the chair, leaning forward in the chair, or while being transported in an elevator or wheelchair lift. When adjusted correctly, wheel lock shoe should be embedded into the tire at least 1/8" when engaged in lock position. Wheel locks are activated by pushing the handle completely forward. To adjust locks, loosen nut on the carriage bolt. Slide clamp toward rear wheel until lock shoe is embedded at least 1/8" into tire when handle is engaged in lock position. Tighten nut and bolt to secure in position. Inspect for correct locking action BEFORE actual use.

Tyres

Solid rubber Tyres require minimal maintenance, but should occasionally be cleaned with a damp cloth. Replace Tyres if they become cracked or severely worn.

Front Castors

Castors should be inspected periodically and lubricated when necessary. To lubricate, remove fork and grease castor stem bearings. Remove the wheel from fork and grease the wheel bearings. Reassemble wheel and fork by tightening nuts until no play remains, but the wheel rolls freely. When adjusted correctly, the fork should also revolve freely. If the nut is too loose, the castor will flutter or shimmy, if it is too tight the chair will be difficult to steer.

Removal of Swing away Footrest/Legrest

Release the lock by pushing on the front rigging lever. Swing footrest/legrest outward and sideways. Lift up on the assembly to remove the footrest or legrest.

Adjusting Length of Footrest/Legrest

When adjusting the length of the footrest/legrest, the wheelchair user should be sitting in the wheelchair with feet on the footplates. Loosen bolt on the clamp around support assembly. Raise or lower footplate as needed, to provide maximum support of thighs on seat upholstery. Front rigging should not be lowered to the point that it causes pressure to thighs at front of seat upholstery. The footrest should not be closer than 2 ½" from the ground to ensure proper clearance.

Adjusting/Elevating Legrest

Lift up on legrest assembly on footplate to desired height or position. Release legrest assembly and it will automatically lock in place. To lower, push out on legrest lever and slowly lower the footplate until desired position is reached.

Wheels

The rear wheels should be checked at least once every month for correct tightness. If the wheel wobbles or is loose, release the lock nut and tighten the axle bolt slightly. To test for correct tightness, lean the chair to one side and spin the adjusted wheel.

GENERAL CARE AND MAINTENANCE

Weekly

a. Wipe off chrome parts using a clean, soft cloth.
b. Clean all metal parts with auto wax or similar products.
c. Dry the chair immediately if exposed to moisture. Do not use abrasive cleanser or materials that will scratch the finish of the chair.
d. Check tire pressures 240 kpa (35 psi) rear.
e. Check all brake functions.

Monthly

a. Check the wheelchair for any loose nuts and bolts.
b. Inspect and clean upholstery.
c. Check brake functions.

Annually

We recommend that your wheelchair be serviced by your dealer at least once a year.

WARNING: It is important that tyres are NOT over-inflated and recommended maintenance is carried out as per instructions.

Before operating your wheelchair please consult your dealer with regards to the correct usage.

- **To Open Chair:** Open wheelchair by tilting to one side and pushing downwards on seat rail until fully open.
- **To Close/Fold Chair:** Fold footplates to the vertical position. Grab seat upholstery with both hands at front and back edge and lift up. Or, tilt chair to one side and lift up on seat rail.
- **Removable Arms:** To remove arms, depress spring button and lift arm out of front and rear sockets.

OPTIONAL FEATURES

Pelvic belt, instructions to fit to wheelchair:

If required, a pelvic belt is available as an accessory. This is mounted on the side frame of the wheelchair. Take the open end of the belt once around the side frame tube and fix it with the belt buckle. Length adjustment is also carried out with the belt buckle. Adjust the belt length such that the belt sits firmly but does not apply pressure.

GENERAL WHEELCHAIR INSTRUCTIONS

Transporting the wheelchair when occupied:

- Sit in your wheelchair. Make sure you are sitting as far back as possible.
- The push rims on the drive wheels are used to move the wheelchair. Practice moving the wheelchair carefully at first until you are familiar with it and the way it behaves.
- Wheelchairs have only a limited ability to resist tipping and sliding. Particular care is necessary when braking and moving onto or turning on inclines. Leaning a long way out of the wheelchair increases the danger of tipping. For increased safety, all wheelchairs can be fitted with a safety belt (not standard).
- To get over obstacles more easily, the assisting person must position the wheelchair at the correct angle to the obstacle by pressing on the anti-tip device.
- Before getting in or out, the locking brake must be put on. Use outside of the home should only be undertaken with sufficient experience. Where possible, somebody should accompany you.

Transporting the wheelchair:

- To make the wheelchair as convenient as possible to transport, all detachable parts (footrests, slot-in accessories) must be removed and the wheelchair folded.

Weight of the wheelchair

The weight for Staebel Deluxe Alloy Wheelchair is 11/17.5kg.

Crash Testing

The Staebel Deluxe Alloy Wheelchair has been crash tested for use in a vehicle with appropriate tie-down restraint system. Staebel is not able to recommend the type of tie-down restraint system for transportation of a person while in a wheelchair, however we have determined tie down locations for the Deluxe Alloy Wheelchair while being transported. Information and recommendation regarding vehicle restraint systems can be sourced from your health professional or local Department of Transport.

A wheelchair secured in a vehicle will not provide the equivalent level of safety and security as a vehicle seating system. It is always recommended that the user transfers to the vehicle seating system where appropriate. Please ensure the restraint system complies to Australian Standards and you fully understand the manufacturer instructions on how your tie down system works and whether it is compatible with the Deluxe Alloy Wheelchair.

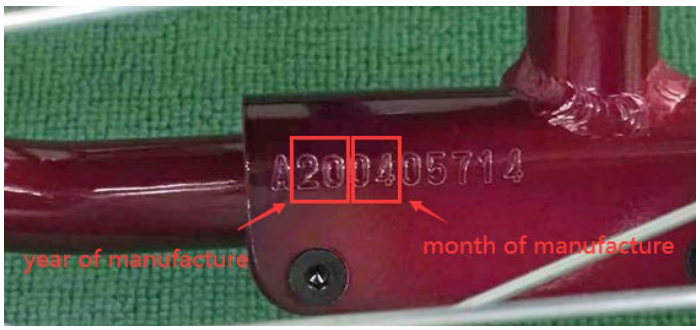
Recycling

Even a wheelchair that can no longer be used represents valuable material that can be recycled into the industrial process. Therefore, never throw away your wheelchair for disposal in the household waste, but have it disposed of professionally in an official waste-disposal centre. Your local waste service will be pleased to advise you. The environment will thank you.

How to locate the serial number:

The picture shows serial number engraved on side of wheelchair frame positioned on the crossbar.

Year of Manufacturing: To locate the year of manufacture, please locate the serial number (as per instructions above) and the first 4 numbers after the letter is the year and month of manufacturing. For example, serial number A200405714, the year of manufacturing is 2020 and month is 04 April.



CAUTION

Stability

The wheelchair is designed to be safe and stable as long as you maintain your centre of gravity while performing normal activities. Care must be taken when performing activities that shift your centre of gravity in the chair. Never reach for objects that require you to shift in the seat or bend over out of the chair. Whenever reaching for objects that requires you to lean, make sure front castors are pointing in a forward position, which extends the wheel base and will help stabilise the chair.

Ramps

Know your own capabilities and limitations in terms of strength and endurance before attempting to go up a ramp. You and your attendant should first consult a qualified professional for correct techniques on ramp negotiation. Assistance is recommended when going up or down steep inclines greater than 10%. If it becomes necessary to stop on an incline, avoid sudden, abrupt forward movement when you resume propelling the chair. Because of the backward angle of the chair, sudden abrupt movement could cause instability. Attempting the use the wheel lock brakes could result in accidental locking, veering or tipping to one side, or suddenly stopping. Avoid changing direction when going down an incline, as this could cause instability.

Please note: That surfaces including padded parts can become hot in direct sunlight and lead to skin injury on contact. This includes padded parts. Therefore, cover these parts or protect the wheelchair from direct sunlight.

PARTS AND SERVICING

For parts and service advice, please contact your dealer or place of purchase. The following tools will be needed to service your wheelchair:

- Adjustable spanner
- Allen key

Should you need to return your wheelchair for maintenance, consult your dealer for correct procedure and instructions.

WARRANTY

This wheelchair has a **12 month warranty** against material or production defects. This warranty is an expression of our confidence in the materials and workmanship of our products and assures years of dependable service. In the event of a defect covered by this warranty, we will at our option, repair or replace the device. This warranty does not cover failure due to owner misuse or negligence or normal wear and tear. The warranty does not extend to non-durable components such as rubber accessories, castors and grips, which are subject to normal wear and replacement. If you have a question about your Staebel product or this warranty, please contact your dealer or place of purchase.

Repair, servicing and spare parts:

In case of any technical problems, please contact:

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