



STRATOS CX


We congratulate you to your Syntace Stratos CX bar. You made a good choice! Your Syntace bar has been designed and manufactured with outmost care. It is necessary, though, to follow the instructions and to care for it accordingly.

Keep in mind that all parts relevant for the safety of your bike have an "elephantine" memory: any damage (through crashes or overload), even if long ago, will add up over the lifetime of the product. At Syntace we added a large portion of "overload protection," but even our parts are not indestructible.

A regular exchange (every 2 year, for example) is, according to our current knowledge, not necessary. But after a crash you should check especially stem and handle bar for small fractures, grooves and dents. Check if stem or bar are bent. Replace those parts on the slightest sign of damage! Never try to straighten or "patch" damaged parts, replace them! If you don't, parts can fail and a crash with severe injuries may be the result.

Preparatory operations

If you utilize 4-screw stems, only use bars designed for them! (Acute danger of bar failure!)

All Syntace bars suitable for 4-screw stems are marked with this symbol  !

All Syntace bars designed for a 4-screw stem can be used with conventional stems as well (to our current knowledge, there are no bars made by other manufacturers that can withstand the stress from 4-screw clamps for a long time).

It is also necessary to check, if the stem does have the correct clamping diameter of 31.8 mm +/- 0.15 mm. If not, use a correctly dimensioned stem.

Stems made of steel or titanium with sharp edges from welding or machining act like knife edges on a bar. We do advise against using them. If you still want to do it, please deburr the edges that have contact with the bar and take a lot of care to round all edges as well. Before you do, ask the manufacturer if working on the stem would void the warranty.

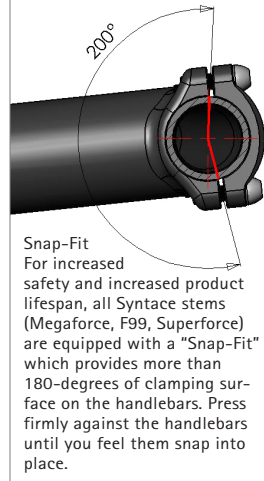
Attention: A few components on the market are, due to less than perfect clamping design with a very asymmetrical clamping slit or tilted clamping screws, not very well suited for carbon fiber bars. A maximum torque of 1.5 Nm is admissible. Therefore we highly recommend the use of Syntace adhesion paste. The torque values stated by manufacturers are usually only for aluminum bars and maximum values to boot. Never use manufacturers torque values without prior evaluation.

Intended and proper use

The Syntace Stratos CX is suitable for conventional 4-bolt stems with a 31.8 mm clamp diameter. The stem has been designed for use on road bikes.

Please accustom yourself to the handling characteristics in a traffic free area.

Installation of bars



- Bring the bar into the desired position and align it. Make sure the bar is centered
- Now press the bar into "Snap-Fit" (a feature of Syntace stems) and tighten screws alternately to required torque, however with a maximum of 8 Nm.
- Align your bar horizontally or with a slight angle in riding direction.
- Now, if you like, you can mount Softfelx grips (for example Syntace Racegrip Aero).

Pro tip: Apply a little Syntace friction paste to the clamping surfaces. Like this, bar and stem are more protected against twisting and the required torque can be further reduced!

Mounting of brake levers:

- Feed brake cables through the especially here for provided cutouts in the Stratos CX bar (on the underside of the aerofoil) and pay special attention to assure they are guided without kinks.
- Mount brake levers such that they face rearward when facing in riding direction.

Attention: Due to the large variety of parts available on the market, it is impossible to test all possible combinations. Therefore, when combining different parts, please assure all instructions from the different manufacturers are adhered to.

When using an aerobar of a foreign manufacturer please ensure, that the clamping surface is a full 360°. A carbon unfriendly clamping mechanism can cause an indent and structurally damage the handlebar.

Note: when assembling Aero bars the clamps must be mounted as close to the stem as possible. The Aero bars must not be mounted outside the Ti-mesh reinforced area.

Care, maintenance and safety

Proper maintenance and care will ensure a long life and reliable function of your Syntace products. Please follow these simple steps to maintain your system:

- Check the inside of your Syntace stem regularly for moisture and remove if found.
- Check screws for proper torque regularly.
- Check bar regularly for signs of fatigue (discoloration, cracks and dents, for example).
- Warning: Upon longer exposure, brake fluid may attack epoxies and resins as well as other coatings used in carbon components (Brake fluid is highly deliquescent). Therefore, if brought into contact with any carbon component such as handle bars please ensure that the affected area is thoroughly cleaned with water to avoid any damage.
- Should the Syntace bar be bent because of a crash: Never attempt to straighten it! Contact your dealer or Syntace to arrange for replacement.

Warranty

Instead of the legally required 2 year warranty, Syntace gives 10 years warranty from date of purchase on all material and manufacturing defects.

Only condition: All components are to be installed and used as outlined in the owner's manual.

Within the warranty period faulty components will be assessed by Syntace Germany and accordingly either repaired or replaced.

The exchange of a Liteville frame within the warranty period occurs free of charge within the first 5 years warranty, in the 5 -10th year a 50% discount on the respective current retail price is offered. For the Liteville 901 frame we give 3+7 years warranty, downhill use included.

If you would like to report a warranty case please send the component with a written explanation to:

Syntace GmbH, Dammweg 1, 83342 Tacherting / Germany
Tel. +49 8634-66 666, Fax: 6365, Email: syntace@syntace.de

In addition, we will make a special goodwill-offer to every Syntace or Liteville owner for misuse or damage - even if you are at fault - due to accident influences ("Bike on roof rack against garage wall"), even after years of use. With Syntace and Liteville products you are in good hands, even after you have made the purchase!

Your Syntace Team,



Jo Klieber

Which AeroBar fits with the Stratos CX?

Syntace C3	<input checked="" type="radio"/>
Syntace SLS	<input type="radio"/>
Syntace C2	<input type="radio"/>
Syntace Streamliner	<input type="radio"/>
Syntace XXS	<input type="radio"/>

Syntace recommendation with optional 31.8-Kit

Which stem fits with the Stratos CX?

Force 109 (31.8 / 1 ^{1/8})	<input checked="" type="radio"/>
Force 119 (31.8 / 1 ^{1/4} +1 ^{1/8} Hülse)	<input checked="" type="radio"/>
Force 149 (31.8 / 1 ^{1/8})	<input checked="" type="radio"/>
Superforce (31.8 / 1 ^{1/8})	<input type="radio"/>

Syntace recommendation technically possible