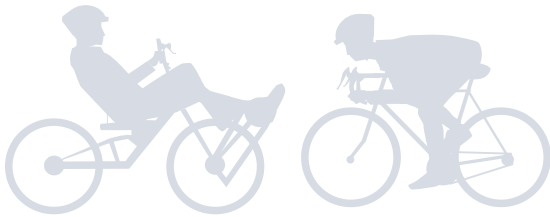


CRUZBIKE

Bicycle riding is an outstanding low-impact form of exercise with proven cardiovascular benefits. Unfortunately, many people give up bicycle riding because of annoying aches and pains associated with the traditional bicycle. Cruzbike, a revolutionary recumbent, addresses the root causes of these discomforts in an ergonomic, affordable design.

HEALTH & COMFORT



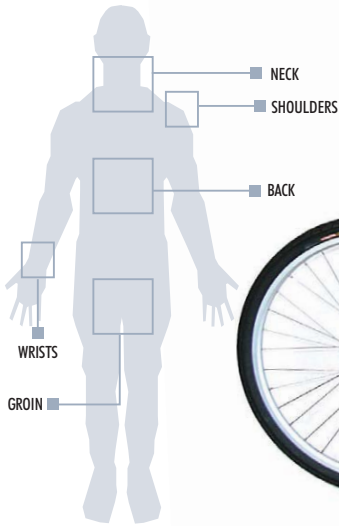
CRUZBIKE SOFRIDER

RACING BIKE, FULL CROUCH

The standard bicycle design makes you choose between riding in a vertical position, which is absolutely the worst aerodynamic position you could possibly be in, versus riding in a tuck position, where your lungs are constricted and your neck is fully extended to allow you to see ahead of you. Both positions often place a lot of weight on the hands and wrists. The recumbent position of the Cruzbike takes weight off the wrists, allows the lungs to fully expand, supports the back, and provides a great forward view without arching the neck - all while in an aerodynamic position.

RELIEF

The Cruzbike design relieves many of the aches and pains experienced by upright bike riders.

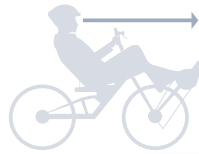


A PAINFUL HABIT



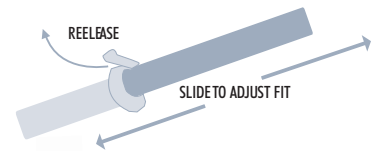
A study published in the International Journal of Sports Medicine found that 85% of recreational upright bicycle riders had some form of musculoskeletal pain. 49% reported neck pain and 30% reported back pain.

ROAD VISIBILITY



Placing the seat height of the Cruzbike at 25" to 26" means you are up in the line of sight of many other road users.

TELESCOPING TUBE



The telescoping front tube of the Cruzbike uses the same quick release technology as a standard upright bicycle. This means that the same bike can will fit a wide range of heights and leg lengths, without requiring a trip to the bike mechanic or your tool bench.



SHORT CHAIN

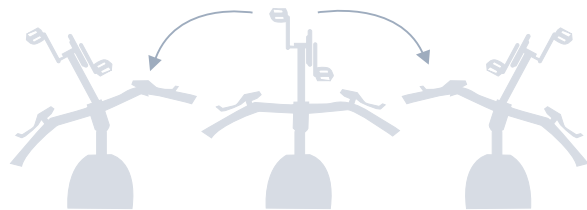


LONG CHAIN RECUMBENT

CRUZBIKE SOFRIDER
CHAIN

No other recumbent has such a short and compact chain and drive system. Based on a tetrahedron, like the structure of a diamond, the drive structure is very stiff and the bottom bracket is supported by three tubes rather than being held on one boom as found on other recumbents. The Cruzbike is the only recumbent which uses this special structure. This extra stiffness means that the Cruzbike converts more of your precious pedaling effort into forward motion, which is one of the reasons it rides fast and climbs well.

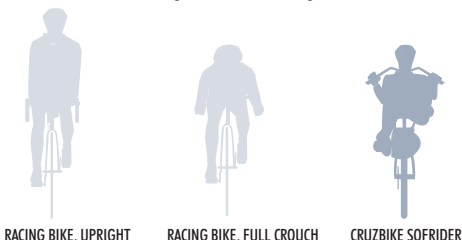
FRONT WHEEL DRIVE WITH PIVOTING BOOM



Unlike rear wheel drive recumbent bikes, the Cruzbike gives you dual 26" wheels but spreads your weight 50-50 front and back and gives you a low bottom bracket height. All this is done on a standard wheelbase - impossible on a rear wheel drive recumbent. The turning front triangle is part of the magic of the Cruzbike design. With the handlebars and pedals connected you can use your upper body and core muscles to power the bike during steep climbs/starts, similar to a regular bike. The more you ride, the more you develop the cruzbike "body-english".

WIND PROFILE

The Cruzbike combines comfort with efficiency. The diagram below shows wind profiles of three common bicycle positions. The Cruzbike recumbent shows the slimmest wind profile in a relaxed position.



RACING BIKE, UPRIGHT

RACING BIKE, FULL CROUCH

CRUZBIKE SOFRIDER

LAND SPEEDS



The wind profile of the recumbent position has made it the bicycle of choice for man-powered land speed record breakers. Though the Cruzbike is not nearly as small as the bullet-shaped recumbent used to set this record, it relies on the same basic concept to provide an easier ride.

TERRAIN

Many recumbent bicycles are unable to ride up inclines. However, the short chain and pivoting front wheel drive reduce the cruzbike's handicap for hills. The rider can engage his or her upper body in the climb just as he or she would on an upright.

