

LATEST XL 98R & XLC 900 ROLLER SKIS June 2010



WHEELS: All XL98 roller skis are now equipped with a custom made V2 six spoke aluminum rim and are available in medium and slow speed. The conventional method for making slow wheels is to use a low rebound tire compound. The problem with low rebound rubber is that the rolling resistance is increased by the rubber absorbing energy which makes the tire extremely hot and as a result the tire wears faster and premature tire failure is a common occurrence. To make slow V2 wheels we insert the patent pending ISR (Internal Speed Reducer) into the rim of a medium speed wheel. This increases the rolling resistance by about 15%.

COMPOSITE SHAFTS: The latest composite shafts are cambered and as on the previous generation utilize both unidirectional and biaxial carbon. The carbon that we use has the highest tensile strength and modulus available. We recently switched from conventional 2 part resin and hardener to a special infusion epoxy that has twice the tensile and flexural strength of standard epoxy. This resin and hardener is the most expensive system made, so expensive that we could not find a single Distributors that stocked the product, it had to be custom ordered. This epoxy is so good, it makes standard epoxy systems seem worthless.

XL BRAKES, SPEED REDUCERS AND TRACKING ALIGNMENT: All V2 roller skis can be equipped with brakes and speed reducers. The XL98R can also be equipped with optional fenders. With the patented brake and speed reducer you are able to ski in terrain not possible without these safety features. The majority of skis we sell are equipped with Speed Reducers and Brakes.

LIGHTER THAN EVER: These are the lightest XL98R we have produced to date.

SPECIFICATIONS:

Weight: 1650 grams / pair

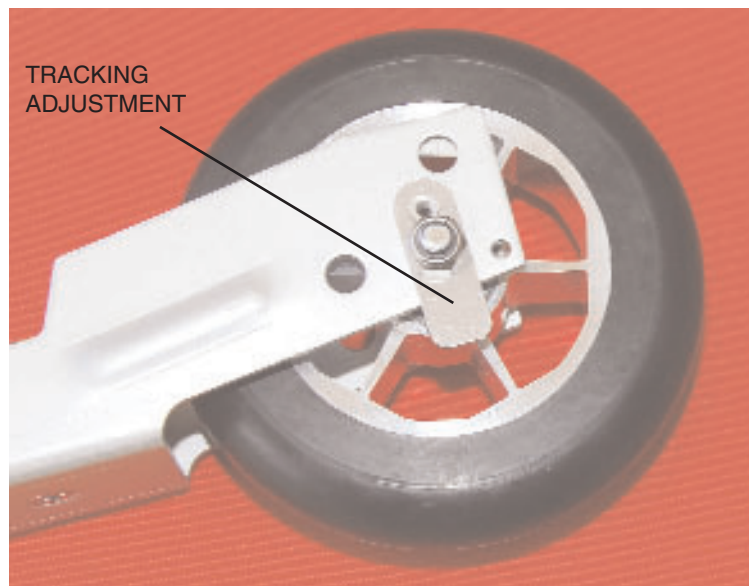
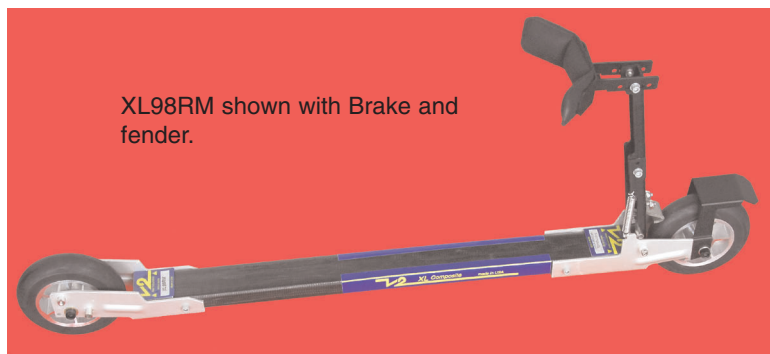
Wheelbase: 606 mm.

Wheel dimensions: 100 mm X 24 mm wide

Camber: Approximately 2.5 mm

Wheels: WXL98RM= medium speed. WXL98RS = slow speed

Ski Designation: XL98RM = medium speed. XL98RS = slow speed



XLC 900 SERIES

June 2010

Like the XL98R series, the XLC 910, 920, 930 and XLC940C have a laminated core and are wrapped with the same unidirectional and biaxial carbon used on the XL98R. We recently produced the first composite 900 series so all XLC skis are made with the superior infusion epoxy. The wheel forks are the same as on the XL 900 aluminum shaft version.

The fender housing is TIG welded to the rear wheel fork so, unlike the XL98R where the fender is optional, it's standard on the XLC900. The wheels are the same as on the 900 series that we have made since the early 90's. The skis are available in slow speed XLC910, medium slow XLC920, medium XLC930 and medium fast in the XLC940 combi ski.

XL BRAKES, SPEED REDUCERS AND TRACKING ALIGNMENT: As on all XL type roller skis the brake can be mounted directly to the rear wheel fork. The front wheel fork contains the tracking adjustment feature. Because of the small diameter wheel we had to reverse the lever on the Speed Reducers. The Speed Reducer looks kind of funky, but it's more effective than the original 900 series ATRA speed reducers.

SPECIFICATIONS:

Weight: 1870 grams / pair

Wheelbase: 702 mm

Wheel dimensions: 70 mm X 40 mm wide.

Camber: Approximately 2 mm.

Ratchet wheel classic = RW9, Ratchet combi = W83C, Slow free = W10, Medium slow = W20, Medium = W30, medium fast combi wheel = W94R.

