

SWENOR

**WORLDS #1
ROLLERSKI BRAND**

Rollerskis

swenorsports.com



OFFICIAL SUPPLIER

SWENOR ON-SNOW FEEL



SWENOR
Rollerskis



OFFICIAL SUPPLIER

WHY SWENOR? BECAUSE ROLLERSKIING SHOULD REPLICATE SKIING ON SNOW!

Swenor skis are famous for their on-snow feel. They earned this reputation because Swenor engineers go to great lengths to develop frames, wheels and bearings that work together to make skiing on asphalt feel like skiing on snow. Swenor frames are lightweight, low and dampen harsh road vibrations. Swenor wheels run safely on precision sealed bearings and durably replicate the speed and feel of skiing on even the roughest roads.



KRIS FREEMAN



BILLY DEMONG



JENS ARNE SVARTDAL

WHY ROLLERSKI?

BECAUSE ROLLERSKIING IS CROSS-COUNTRY SKIING WITHOUT SNOW

Rollerskiing is a fun, low impact, complete body exercise that provides all the health and fitness benefits of cross-country skiing without the chills. It is suitable for all ages and abilities, for beginners and more experienced skiers alike. It makes the off-season bearable by challenging and rewarding your heart, balance, muscles and mind just like skiing on snow. Rollerski now, and you will not need weeks of on-snow time to rediscover your balance, technique and strength. Rollerski now and find yourself ahead of where you left off last spring prepared to enjoy the snow from day one. Rollerski now!

BRAND HISTORY

[SWEden/NORway] Swenor was established in Sweden in 1981 to provide elite Swedish & Norwegian skiers with a rollerski experience that felt like skiing on snow does. In 1994, Swenor's world headquarters moved to Sarpsborg, Norway, located just a few kilometers from the Swedish border. Swenor is now distributed in over 15 countries including Sweden, Norway, Russia, Germany, Canada and the United States. Swenor is the #1 ROLLERSKI BRAND IN THE WORLD.

ATHLETES

Billy Demong, Kris Freeman and Norwegian superstar Jens Arne Svartdal are just a few of the WorldCup stars that trust their Olympic dreams to the quality of Swenor products. Jens Arne states, "Unbelievable roller skis! The unique composite body and faultless wheels give me the perfect ski feel" Swenor is an Official Supplier of the Swedish and Norwegian Cross-Country and Biathlon Teams and now the U.S. Ski Team.

CLASSIC

-WORLDS #1 ROLLERSKI BRAND-

FIBREGLASS CAP MODEL 060-000



MVP—Our most popular and versatile classic rollerski: Famous Swenor on-snow feel from composite shaft with medium size wheels that manage the pavement and offer stability while remaining lightweight.

MSRP \$310

TECHNICAL DETAILS

MEDIUM WHEEL SIZE: DIAMETER 70MM,
BREADTH 45MM, RATCHETED REAR,
WHEEL SPEED 2
WEIGHT: 2150G LENGTH: 730MM
BEARINGS: PRECISION SWENOR SEALED

FINSTEP CAP MODEL 061-000



Stable Easy Roller: Largest classic wheels add stability with extra breadth while added height allows ski to roll over the rougher surfaces and pebbles more easily. Composite laminate cap shaft absorbs vibrations and provides the famous Swenor on-snow feel.

MSRP \$310

TECHNICAL DETAILS

LARGE WHEEL SIZE: DIAMETER 75MM,
BREADTH 52MM, RATCHETED REAR,
WHEEL SPEED 2
WEIGHT: 2500G LENGTH: 730MM
BEARINGS: PRECISION SWENOR SEALED

CARBONFIBRE CAP MODEL 062-000



For Featherweights: On-snow feel in the lightest and lowest ski. Carbon composite shaft and small wheels. Best for skiers less than 140 lbs (64 kg).

MSRP \$310

TECHNICAL DETAILS

SMALL WHEEL SIZE: DIAMETER 65MM,
BREADTH 40MM, RATCHET REAR,
WHEEL SPEED 2
WEIGHT: 1830G LENGTH: 720MM
BEARINGS: PRECISION SWENOR SEALED

ALUTECH MODEL 067-000



The Lightweight: Aircraft Aluminum Frame complemented by medium size wheels that manage the pavement without adding too much weight.

MSRP \$300

TECHNICAL DETAILS

MEDIUM WHEEL SIZE: DIAMETER 70MM,
BREADTH 45MM, RATCHET REAR,
WHEEL SPEED 2
WEIGHT: 1900G LENGTH: 720MM
BEARINGS: PRECISION SWENOR SEALED

TRISTAR CLASSIC MODEL 063-000



Classic or combi alternative: Long Aluminum Monocoque Frame and small wheels for classic and occasionally skate techniques.

MSRP \$279

TECHNICAL DETAILS

SMALL WHEEL SIZE: DIAMETER 65MM,
BREADTH 40MM, RATCHET REAR,
WHEEL SPEED 2
WEIGHT: 1860G LENGTH: 700MM
BEARINGS: PRECISION SWENOR SEALED

SKATE ELITE MODEL 065-200



MVP- Like Skating on Snow: Famous Swenor on-snow feel from a composite shaft and skate wheels.

MSRP \$310

TECHNICAL DETAILS

ADULT WHEEL: DIAMETER 100MM
BREADTH: 24MM WHEEL SPEED 2
WEIGHT: 1900G LENGTH: 615MM
BEARINGS: PRECISION SWENOR SEALED

SKATE MODEL 065-000



Lightweight Skate: Stable, lowered Aluminum Monocoque Frame and Swenor famous on-snow wheels.

MSRP \$285

TECHNICAL DETAILS

ADULT WHEEL: DIAMETER 100MM
BREADTH: 24MM WHEEL SPEED 2
WEIGHT: 1410 LENGTH: 580MM
BEARINGS: PRECISION SWENOR SEALED

EQUIPE R2 MODEL 064-000



Fast: Lightweight skate racing rollerski with Aluminum Monocoque frame and fast Green 80A Polyurethane wheels.

MSRP \$350

TECHNICAL DETAILS

ADULT WHEEL: DIAMETER 100MM,
BREADTH 24MM, WHEEL SPEED (HARDNESS) : 80A, WEIGHT: 1290G
LENGTH: 530MM

SKATE JUNIOR MODEL 065-300



Junior's first skate ski: Highly maneuverable short, light, and lowered Aluminum Monocoque frame and small stable wheels.

MSRP \$225

TECHNICAL DETAILS

JUNIOR WHEEL: DIAMETER 80MM
BREADTH: 24MM WHEEL
JUNIOR WHEEL SPEED
WEIGHT: 1080G LENGTH: 530MM
BEARINGS: PRECISION SWENOR SEALED

TRISTAR COMBI MODEL 066-000



Combi Ski: Short aluminum body for lightweight maneuverability in classic and skate. Small, low-riding, wide wheels with rear ratchet for classic and skate.

MSRP \$260

TECHNICAL DETAILS

SMALL CLASSIC WHEEL SIZE: DIAMETER 65MM, BREADTH 40MM, RATCHET REAR: WHEEL SPEED : 2
WEIGHT: 1625G LENGTH: 550MM
BEARINGS: PRECISION SWENOR SEALED



WHEELS/TIRES

THE PERFECT TIRE: ABRASION RESISTANT + PROPER SPEED + LIGHTWEIGHT + ON-SNOW FEEL

A rollerski tire (rubber part of wheel) is a key but often overlooked element of a rollerski's ability to replicate skiing on snow. In our tireless quest to produce the ultimate ski we are creating the ultimate tires. When rubber experts could not provide us with reliable answers to the tradeoffs in various rubber compounds between abrasion, heat, speed and weight, we decided we had to invent our own tire compound testing device. Now we can measure the characteristics of

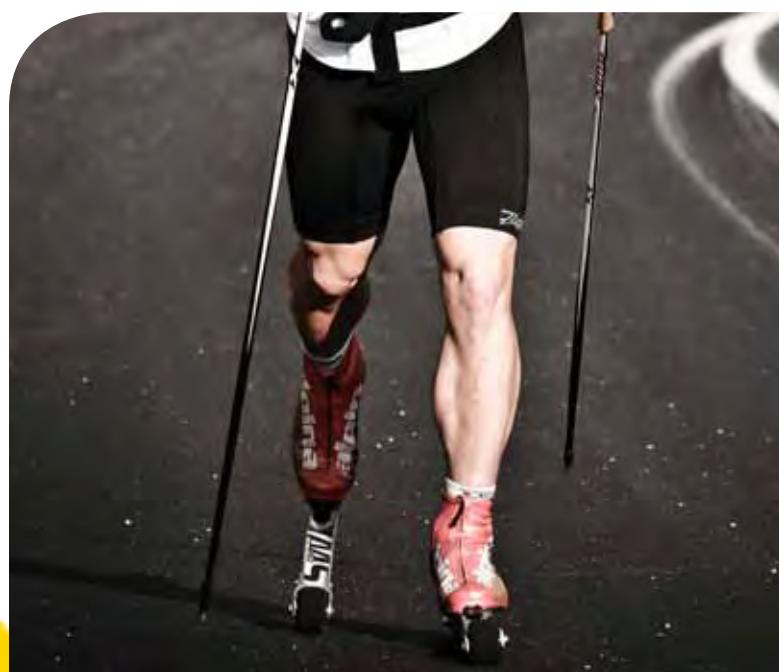
various rubber blends precisely. For this year's tires we tested 20 unique blends. Some tires had good abrasion resistance, but were slow and generated too much heat. Other tires had good rolling characteristics and low heat build-up, but poor abrasion resistance. In the end we created tires that have the highest degree of abrasion resistance while delivering the right speed and on-snow feel. Each set of wheels should be rotated frequently to provide even wear and extend their lifespan. We suggest switching left and right skis halfway through each workout.

CLASSIC SKIS	#1 WHEEL SPEED FAST	#2 WHEEL SPEED STANDARD	#3 WHEEL SPEED SLOW	#4 WHEEL SPEED EXTRA SLOW
060-000 SWENOR FIBREGLASS CAP	060-0021 FW, RACING \$45.00 060-0521 RW, RACING \$50.00	060-002 FRONTWHEEL \$40.00 060-052 REARWHEEL \$45.00	060-0023 FRONTWHEEL, SLOW \$45.00 060-0523 REARWHEEL, SLOW \$50.00	060-0024 FRONTWHEEL, EXTRA SLOW \$45.00 060-0524 REARWHEEL, EXTRA SLOW \$50.00
061-000 SWENOR FINSTEP CAP	061-0021 FW, RACING \$45.00 061-0521 RW, RACING \$50.00	061-002 FRONTWHEEL \$40.00 061-052 REARWHEEL \$45.00	061-0023 FRONTWHEEL, SLOW \$45.00 061-0523 REARWHEEL, SLOW \$50.00	
062-000 SWENOR CARBONFIBRE	062-0021 FW, RACING \$33.00 062-0521 RW, RACING \$40.00	062-002 FRONTWHEEL \$28.00 062-052 REARWHEEL \$35.00	062-0023 FRONTWHEEL, SLOW \$33.00 062-0523 REARWHEEL, SLOW \$40.00	
067-000 SWENOR ALUTECH	060-0021 FW, RACING \$45.00 060-0521 RW, RACING \$50.00	060-002 FRONTWHEEL \$40.00 060-052 REARWHEEL \$45.00	060-0023 FRONTWHEEL, SLOW \$45.00 060-0523 REARWHEEL, SLOW \$50.00	060-0024 FRONTWHEEL, EXTRA SLOW \$45.00 060-0524 REARWHEEL, EXTRA SLOW \$50.00
063-000 SWENOR TRISTRAR CLASSIC	062-0021 FW, RACING \$33.00 062-0521 RW, RACING \$40.00	062-002 FRONTWHEEL \$31.00 062-052 REARWHEEL \$35.00	062-0023 FRONTWHEEL, SLOW \$33.00 062-0523 REARWHEEL, SLOW \$40.00	

CLASSIC: All classic skiing wheels (tire + rim + bearings) use a rear wheel ratchet that stops the rear wheel from rolling backwards. The ratchet, together with the sticky rubber tire, grips the pavement like the perfect klister. Swenor offers three classic wheel sizes that are developed to go with unique Swenor classic frames and wheel forks. Larger diameter wheels roll over harsh road surfaces and loose gravel more easily than smaller wheels. Additional breadth is added to larger diameter wheels for increased stability at the higher stance. Larger diameter wheels also have more rubber that will last more km than smaller wheels. Smaller diameter wheels are lighter and keep skiers closer to the ground for stability. Small diameter: 65mm, breadth 40mm Medium: diameter 70mm, breadth 45mm, Large: diameter 75mm, breadth 52mm

CLASSIC WHEEL SPEEDS: Just as warm snow is faster than cold snow Swenor rollerski wheels are faster at warmer temperatures. All training skis come with the #2 medium speed standard. #1, #3, and #4 wheels are avail-

able as accessories. #1 is a fast racing wheel. #2 replicates snow speeds when temperatures are colder than 77F(25C) and #3 replicates snow speeds when temps are above 77F. Advanced classical skiers tend to enjoy the slower speed (more work) of the softer #3 classical wheels, which also tend to wear more quickly.



SKATE WHEELS

-WORLDS #1 ROLLERSKI BRAND-



SKATE WHEELS

SKATE: Skating wheels are narrower, harder and have larger diameters than classic wheels. The higher positioning allows skate skis to move in the angular side-to-side skating motion without the frame or wheel forks catching an edge. The harder rubber compound increases the wheels skating durability. Adult diameter: 100 mm, breadth: 24 mm Junior diameter: 80 mm, breadth: 24 mm

SWENOR SKATE WHEEL SPEEDS: Just as warm snow is faster than cold snow Swenor rollerski wheels are faster at warmer temperatures. All training skis come with the #2 medium speed and hardness wheel standard. #1 and #3 training wheels are available as options. #1 is a fast wheel. #2 replicates snow speeds when temperatures are colder than 77F(25C) and #3 replicates snow speeds when temps are above 77F. Advanced skate skiers are split in their use of the standard #2 or slower softer #3 skate wheels which tend to wear more quickly.

BEARINGS: All Swenor rollerskis use Swenor specific precision sealed bearings. They are engineered to fit the Swenor wheels with the tightest tolerances and provide long, easy and quite running life. Wipe dry after use, do not lube bearings.

Please visit **SWENORSPORTS.COM** and click on support for more information regarding parts.

SKATING SKIS	#1 WHEEL SPEED FAST	#2 WHEEL SPEED STANDARD	#3 WHEEL SPEED SLOW
065-000 SWENOR SKATE	065-0051 WHEEL, GUM, QUICK \$50.00	065-005 WHEEL, GUM, STANDARD \$45.00	065-0053 WHEEL, GUM, SLOW \$50.00
065-200 SWENOR SKATE ELITE	065-0051 WHEEL, GUM, QUICK \$50.00	065-005 WHEEL, GUM, STANDARD \$45.00	065-0053 WHEEL, GUM, SLOW \$50.00
065-300 SWENOR SKATE JUNIOR	065-305 WHEEL, PLASTIC 80 mm \$30.00		
066-000 SWENOR TRISTAR COMBI	062-0021 FW, RACING \$33.00 062-0521 RW, RACING \$40.00	062-002 FRONTWHEEL \$31.00 062-052 REARWHEEL \$35.00	062-0023 FRONTWHEEL, SLOW \$33.00 062-0523 REARWHEEL, SLOW \$40.00
064-000 SWENOR EQUIRE R2	064-002 WHEEL REALLY REALLY FAST \$60.00		



WHERE DO YOU BUY SWENOR ROLLER SKIS?

Swenor Roller skis are distributed in the United States by Swix Sport USA. Any Swix retailer can sell and service Swenor skis, just ask them. This makes Swenor Rollerskis the most easily accessible and widely distributed Rollerski brand in America.

WHICH SWENOR ROLLERSKIS ARE PERFECT FOR YOU?

There is no one Swenor model perfect for everyone, but everyone can find their perfect Swenor choice. As you read our Swenor product descriptions you will see that your decision will involve how you value the smooth on-snow feel of our composite shafts vs. the lightweight bliss of our Alutech models vs the cost of our Tristar models. Most people opt for the legendary on-snow feel of Swenor composite models. In classic those rollerskiers will also be able to choose between models with easier rolling big wheels or lower riding lightweight wheels. If you are new to roller skiing you can enter the sport in either classic or skate or even choose a combi model. Roller skiing enthusiasts will have dedicated skate and classic models, and wheel sets of varying speeds and even race specific rollerskis.

MOUNTING

Mounting bindings on Swenor rollerskis is best performed by a ski shop that has experience. Please visit **SWENORSPORTS.COM** and click on support for more information.

REPLACEMENT PARTS / WHEELS

With use your rollerski wheels are going to wear down and will need replacing. Please visit your Swix Swenor retailer or **SWENORSPORTS.COM** for detailed manuals, diagrams and parts lists.

WARRANTY

Swix Sport USA warrants Swix and Swenor Products to be free of defects in materials or workmanship for one year from the date of purchase by the original owner.

Limitation on Damages – The consumer is limited to damages of defective product, at Swix Sport's discretion. Product will be repaired or replaced with an identical, equivalent or similar style. Swix Sport USA is not liable for any other damages, such as special, incidental, or consequential damages resulting from the use of this product.

All Warranty claims must be authorized by Swix Sport USA Inc's Customer Service Department. Please email: **SWENORINFO@SWIXSPORT.COM** for Return Authorization number.



SAFETY

Just a reminder before you start: **SAFETY FIRST - WEAR A HELMET AND BRIGHT CLOTHING**, and don't be so excited that you forget to watch for cars. And finally - always switch from skating to slow double-poling when cars are approaching.

SWENOR ROLLER SKIS ARE DISTRIBUTED IN THE U.S. AND CANADA BY SWIX SPORT USA

swenorsports.com

SHAFTS-FRAMES

Swenor offers three shaft constructions.

- Composite Laminate Shaft
- Aluminum Tubing Shaft
- Aluminum Monocoque Frame

COMPOSITE LAMINATE:

To make Swenor composite shafts, laminates (thin plies) of lightweight wood are sandwiched and wrapped by layers of carbon fiber and/or fiberglass. These composite layers are bonded together with space age epoxy resins in a special mold that gives the skis their slight Nordic camber. Cap models are further wrapped in a protective cap.

Composite laminate construction is successful because the various materials act together. Each material can overcome deficits in the others. This allows Swenor to engineer a ski that feels as if you are skiing on snow, and, at the same time, can handle the demanding rigors of the harsh road environment.

- Lightweight wood is at the core to absorb and dampen road vibrations, thus reducing skier fatigue.
- Fiberglass is added to further dampen vibrations, and serves as a lightweight method of increasing stiffness, strength and durability in order to withstand impacts from objects that will be encountered on road surfaces.
- Carbon Fiber replaces some wood and fiberglass to further decrease weight on the Carbon Fibre shaft.
- Cap is a thin foil material added as a further protective barrier against the elements on Cap models.
- Lightweight front and rear aluminum wheel forks are attached to the exterior of composite shafts. This three-part shaft fork system further insulates the skier from harsh road shock.

ALUTECH-ALUMINUM TUBING SHAFT:

Aluminum Rectangular Box Tube Construction is chosen for its perfect combination of lightweight materials and stiffness. Rigid front and rear aluminum wheel forks are attached to the interior of the AluTech shaft. This three-part shaft/fork further helps insulate the skier from harsh road shock.

ALUMINUM MONOCOQUE:

The shaft and wheel forks are configured from a singular piece of rectangular aluminum tubing. This one-piece Monocoque design is chosen for its lightweight affordability. Some models are specially configured at the wheel forks with a lowered shaft to lower the center of gravity, which increases skier stability.

Please visit SWENORSPORTS.COM and click on support for more information regarding parts.



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