



ottobock.

Quality for life

ProCarve –
Pure Sport.

ProCarve – the mountains are calling!

For a never ending rush, fresh winter air and freedom, step into the ProCarve and you can experience sun, snow, and pure sport.

ProCarve provides you targeted support to take on the challenge of extreme sports. It also meets the highest demands of performance you require on the slopes. It has been specially designed for skiing and snowboarding with extreme carving.

Integrated, high-performance dampers control the flexion and extension movements for users with an above- or below-knee amputation.

The dampers are a combination of pneumatic spring and a hydraulic unit, developed and produced by the French company Fournales – renowned in motorsport. It's simple to take a break by disengaging the unique lock mechanism in order to sit comfortably – like in a chairlift.

The ProCarve also makes it possible for you to dominate summer sports such as wakeboarding and waterskiing.

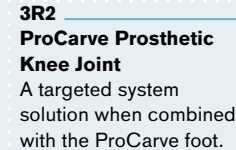
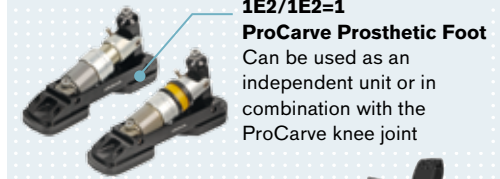
ProCarve – the system.

3R2 ProCarve Prosthetic Knee Joint

The aluminum sports knee joint is equipped with a high-performance damper for movement control and a disengagement function to make sitting comfortable. The damping element – a combination of a pneumatic spring and a hydraulic unit – ensures dynamic movement. The individually adjustable air pressure controls the flexion movement and the hydraulics dampen the extension movement. Together with the ProCarve foot component, this creates an excellent solution for people with an above-knee amputation or knee disarticulation.

1E2/1E2=1 ProCarve Prosthetic Foot

The ProCarve foot can be used as an independent unit or in combination with the ProCarve knee joint. It is connected directly to the ski binding or combined with the footshell with a shape suited especially for snowboard boots. Like the ProCarve knee, the foot includes a high-performance, robust damping unit for controlling movement around the pivot point. The function and the adjustment options are the same as for the damping unit in the knee joint. A second version of the foot (1E2=1) offers increased stiffness, from which advanced riders with below-knee amputations can profit the most.



• Note

Please note that you must first practice using a ProCarve prosthesis with your prosthetist, therapist or ski/snowboard instructor to ensure safety and proper movement.

Trial fitting

Are you interested in a trial fitting with the ProCarve system? Contact your prosthetist or Ottobock sales representative.

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A black and white photograph of two individuals with prosthetic lower limbs standing on a snowy mountain peak. They are wearing winter gear, including helmets and jackets. The person on the right is holding a snowboard. The background shows a vast, snow-covered mountain range under a clear sky.

Pure Sport.

Experience ProCarve in action
www.youtube.com/ottobock