

EMBARGO  
NOVEMBER 13, 2025  
3 PM CET

# THE LIGHTEST WAY UP

OUR LIGHTEST CARBON WHEELS ARE NOW  
EVEN LIGHTER WITH CARBON SPOKES

**DT SWISS** ENGINEERING PERFORMANCE



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**ARC 1100 SPLINE® 38 CS**  
WTS

Available as Wheel Tire System (WTS) only



# 1

## EXECUTIVE SUMMARY





# THE LIGHTEST WAY UP

On your way to new summits, when oxygen grows scarce, the new ARC 1100 SPLINE 38 CS wheels with carbon spokes will be your greatest ally. The carbon composition of the spokes and the rims made with our PURE carbon technology shave off essential grams to assist your ascent.

Equipped with the AERO 111 tire in the front for the optimal Wheel Tire System ensures speed and confidence, for fast uphill and downhills. Coming in under 1200 g, these wheels are your lightest way up, yet they are built to conquer the toughest climbs.





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**OUR LIGHTEST  
AERO WHEELS  
(YET)**







# AERO CARBON SPOKES

Spokes have been at the heart of DT Swiss since day 1 - adding the first carbon-spoked wheels to our portfolio is a big milestone.

With the ARC 1100 SPLINE 38 CS, you can count on the same meticulous, hand-built quality of our wheel builders, with the added benefits of weight-savings and enhanced stiffness.

The 180 straightpull hub is specifically engineered for carbon spokes, with refined flanges and a new spoke pattern, allowing for a minimal 18 spokes on the front wheel.







## THE RIM

The 38 mm high rim is manufactured in-house, thanks to our PURE carbon technology. This enables us to reduce the weight, helping you to achieve a faster ascent time. The aero-optimized profile will propel you forward on comfortable low-gradient climbs.



## WHEEL TIRE SYSTEM

Providing you with the fastest climbing wheel tire system, the wheels will be mounted with our WTS Technology: the AERO 111 26 mm in the front and Continental GP 5000 STR 28 mm in the back. Providing an optimal combination of speed and grip, for fast ascents as well as descents in confidence.

The development of the Wheel Tire System follows our [AERO+ concept](#) as a symbiosis of drag, handling and efficiency. We applied this technology to our Aero and Endurance categories, bringing up their aero gains to the next level with a tailored tire, ideally suiting their respective inner rim widths.





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# THE LIGHTEST WAY UP FURKA







## A JOINT PROJECT FOR THE LOVE OF ALPINE RIDING

The dream of every climber: Andermatt's backyard iconic climbs, and as a vessel, BMC's new climbing bikes, mounted with our new ARC 1100 SPLINE 38 CS wheels. Moving one pedal stroke at a time, the legs are burning, oxygen grows scarce ... the way to new summits isn't an easy path, but it is what makes it so rewarding.

As a tribute to these iconic climbs, a unique bike is ready to conquer new heights. The project culminated with an exclusive showcase at the Rouleur Live Show in London, where riders, media, and cycling enthusiasts discover how innovation and alpine heritage meet to create your lightest way up.

**BMC****ANDERMATT**  
SWISS ALPS**DT SWISS**



# REDEFINING GRAVITY ONE CLIMB AT A TIME

The Teammachine SLR 01 represents the true essence of BMC. With the perfect mix of stiffness to weight, the mountains found their match. Need more speed? BMC's latest aero upgrades, make the Teammachine SLR 01 almost as fast as it's aero focused sibling, the Teammachine R 01. In their quest for ultimate performance, the BMC engineers combined a decade of knowledge into another class-leading frameset for the future.

## LEARN MORE

[www.bmc-switzerland.com/pages/platform/platform-teammachine-slr-01](http://www.bmc-switzerland.com/pages/platform/platform-teammachine-slr-01)







## LOVE TO CLIMB? **YOU'LL LOVE ANDERMATT**

A charming Swiss Alpine village and gateway to eight legendary climbs. Andermatt is the official home of Tudor Pro Cycling, come ride and make it your Swiss cycling home too. Expect high-altitude loops, epic views and warm hospitality, a place where your cycling dreams come true.

### **LEARN MORE**

[www.anderstatt-swissalps.ch/en/things-to-do/sports-activities/cycling](http://www.anderstatt-swissalps.ch/en/things-to-do/sports-activities/cycling)



# THE LIGHTEST WAY UP HERO VIDEO

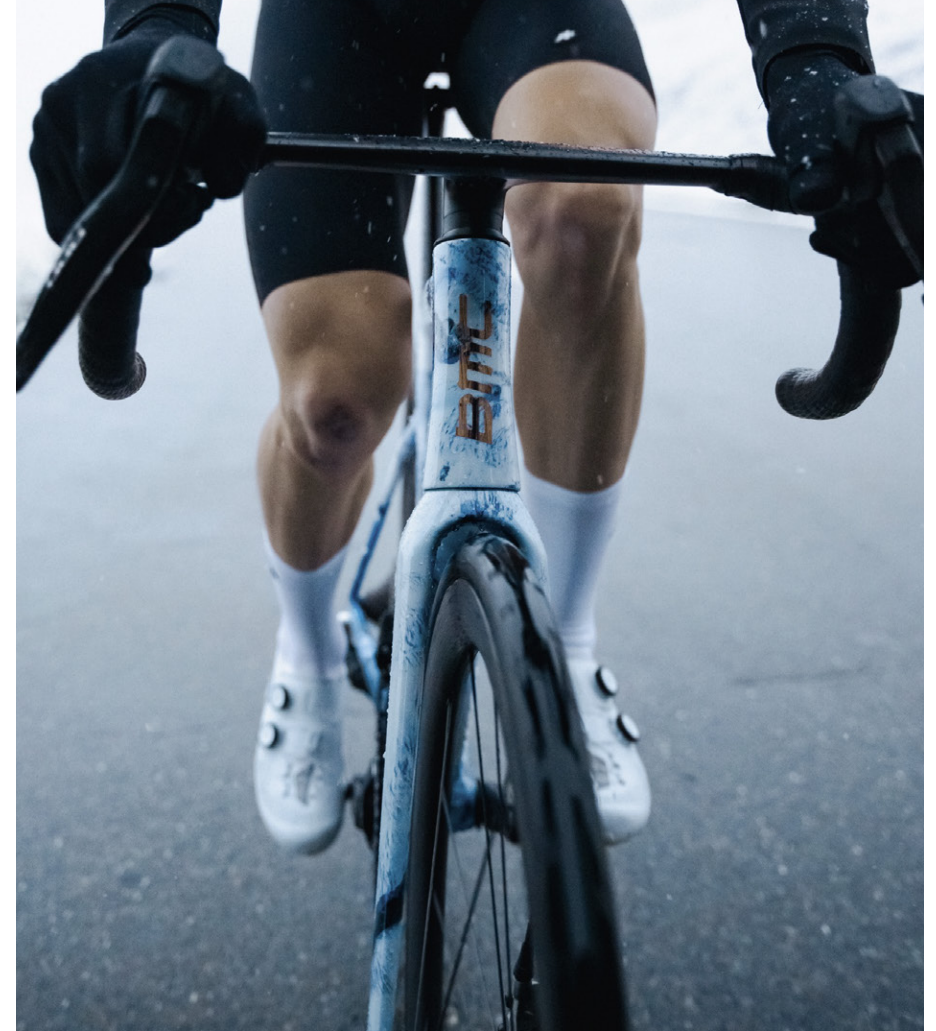
Experience the legendary ascent of the Furka Pass, nestled in Andermatt's backyard, aboard the new BMC Teammachine SLR01 equipped with ARC 1100 SPLINE 38 CS - our first wheels featuring carbon spokes.

Inclusion of the video in your communications is greatly appreciated.

The Hero Video will be available from 31.10.2025 on our YouTube channel.

## **WATCH THE VIDEO**

<https://youtu.be/8JkmJzon7mc>





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# PRODUCT SPECIFICATIONS



# ARC 1100 SPLINE® 38 CS WTS

FRONT WHEEL	12 / 100 mm
REAR WHEEL	12 / 142 mm
HUB	180 SPLINE® with 36T Ratchet EXP System
BRAKE INTERFACE	Disc, Center Lock
FREEHUB BODY OPTIONS	Shimano Road (SRAM XDR included)
RIM	Carbon, hooked bead, tubeless ready
RIM DIMENSION	622 x 20 mm
RIM HEIGHT	38 mm
SPOKE FRONT/REAR	VONOA aero carbon t-head
NIPPLES	VONOA hidden aluminum
LACING FRONT	18 x Radial / Two-cross (2:1)
LACING REAR	24 x Two-cross (2:1)
WEIGHT WHEEL SET ONLY	From 1174 g
WEIGHT WHEEL SET WTS	From 1781 g
MAX. SYSTEMWEIGHT	110 kg
ASTM CLASS	1
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve, valve guard, SRAM XDR Road freehub body kit, wheel bag Front tire: Continental AERO 111 26 Rear tire: Continental GP 5000s TR 28 Tubes: Continental TPU TUBE SV
PRICE	From 3199 € / 3199 CHF / 3727 \$ / 2899 £





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# TECHNOLOGIES





# TECHNOLOGIES



**WHEEL TIRE SYSTEM  
TECHNOLOGY**

[More information →](#)



**RATCHET EXP  
TECHNOLOGY**

[More information →](#)



**TUBELESS  
TECHNOLOGY**

[More information →](#)



**AERO+  
TECHNOLOGY**

[More information →](#)



**HAND-BUILT  
TECHNOLOGY**

[More information →](#)





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ARC 1100

AERODYNAMICS BY  
SWISS SIDE

GRANAFIX 5000 S TR

Continental



# YOUR **CONTACT**

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