BORN TO RACE.
SINCE 1984.

42 YEARS OF RACING HERITAGE

A history of racing, development and innovation.
From 1984 to the next generation of brake discs.



THE RANGE

CLASSIC & CUSTOM
The original racing DNA

R&T
Road & Track

R100
Pure racing DNA

R100D-RAD
Thermal management

42 YEARS OF RACING HERITAGE

OUR STORY. OUR FUTURE.

The Discacciati story began in 1984, when Enrico Discacciati founded an Italian company born from his passion and experience in motorcycle racing. The founder's determination, craftsmanship and direct relationship with customers helped shape the identity of a distinctive racing brand.

In December 2024, a new challenge took shape: rethinking the brake disc through research, design and a close understanding of the demands of modern racing.

2026 became a key year for development on the track. Working with teams across different categories provided technical feedback, opportunities to test solutions and exposure to very different braking demands.

Racing is our laboratory: initial bite, thermal control, consistent performance and reliability are the goals that guide development.

NOT A FINISHING LINE. A NEW STARTING POINT.

The established Classic range lives on; R&T evolves its philosophy; R100 introduces a new track-focused architecture; R100D-RAD takes its thermal management further.

FROM RACING HERITAGE TO THE NEXT GENERATION



/ CLASSIC

The Classic range preserves the Discacciati heritage: a billet-machined carrier, the distinctive friction-ring design and a round-bobbin drive system. An identity that continues alongside the new generation.



SPECIFICATIONS

CARRIER
6082 T6 - Billet-machined

DRIVE SYSTEM
Round bobbins

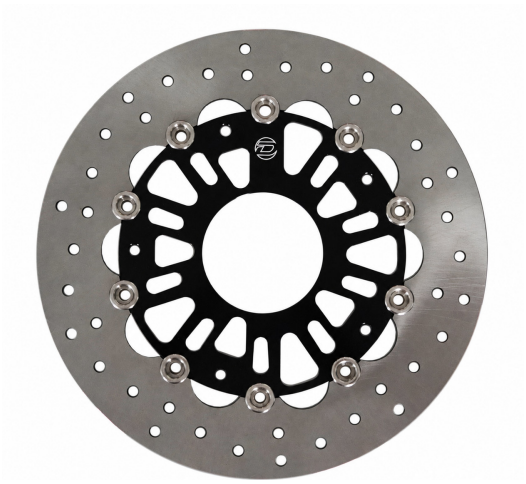
DIMENSIONS
Various diameters and thicknesses

STANDARD COLOURS
Red and Black - Catalogue colours

ARCHITECTURE
Original design

/ CUSTOM

The Custom range shares the Classic manufacturing process, with particular attention to detail and customisation. The drive system uses steel bobbins.



SPECIFICATIONS

CARRIER
6082 T6 - Billet-machined

DRIVE SYSTEM
Round steel bobbins

DIMENSIONS
Various diameters and thicknesses

STANDARD COLOURS
Red and Black - Catalogue colours

ARCHITECTURE
Original design



TAILOR MADE PROGRAMME

Standard catalogue colours are Red and Black. Other colours and treatments can be specified on request through the Tailor Made programme.

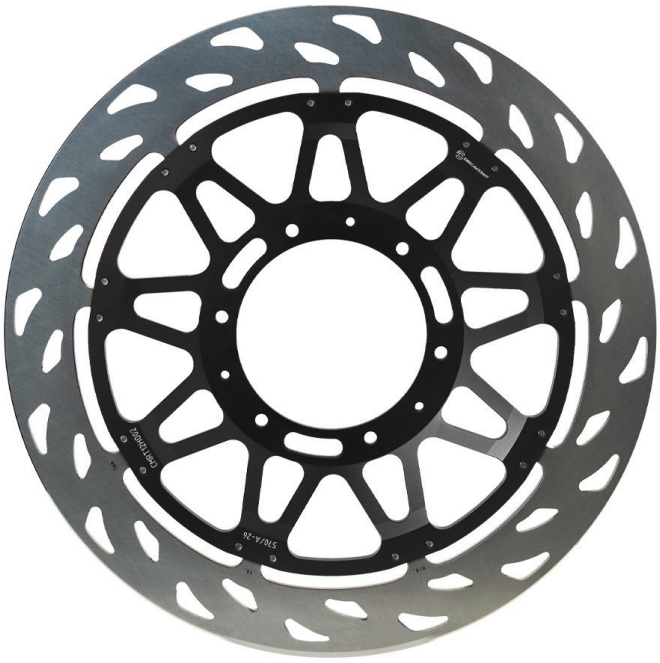
THE EVOLUTION OF A LEGEND

R&T Road & Track builds on the heritage of an iconic product. This new generation of Discacciati discs reinterprets the brand's DNA through tradition, design and technological evolution.

The new billet-machined carrier couples directly to the friction ring, without conventional bobbins: a construction approach designed for controlled float and repeatable coupling characteristics.

The distinctive LIGHT geometry remains a defining feature. Machining on the outer edge of the friction ring also increases the geometric surface area available for heat exchange.

The established range continues alongside it in the Classic line.



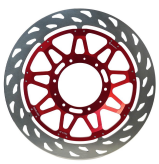
SPECIFICATIONS

CARRIER
6082 T6
Billet-machined

DIAMETERS
Ø300 / Ø310
Ø320 / Ø330 mm

THICKNESS
5.5 mm

STANDARD COLOURS
Red and Black
Catalogue colours; same technical specification



TAILOR MADE PROGRAMME

Standard catalogue colours are Red and Black. Other colours and treatments can be specified on request through the Tailor Made programme.

/ R100

BORN ON THE TRACK. ENGINEERED FROM SCRATCH.

For over forty years, Discacciati has been immersed in racing, closely following the evolution of motorcycles, performance and braking-system requirements.

Increasing motorcycle performance has brought ever higher thermal and mechanical loads, challenging largely traditional braking architectures.

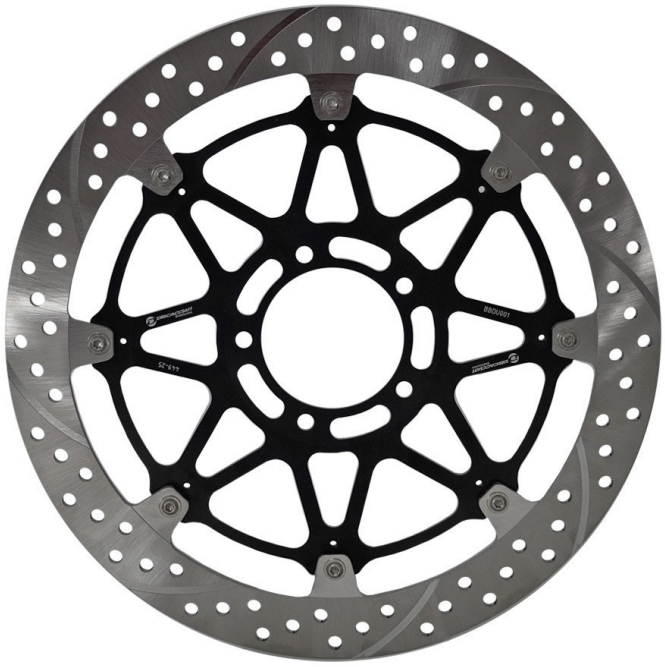
Discacciati observed this transformation, studied its consequences and chose to address it from a different perspective.

More than an update, this is a clean-sheet project: engineering from the ground up to create a new interpretation of the racing brake disc.

The newly conceived floating system for motorcycle applications is designed to accommodate thermal expansion and allow the friction ring to move freely under the most demanding conditions.

The cantilevered friction ring promotes exposure to airflow; the groove along the outer edge increases the surface area available for heat exchange.

The combined drilled and slotted geometry helps refresh the brake pad surface. Discacciati selected the recommended slot orientation to prioritise strong initial bite and immediate response.



SPECIFICATIONS

CNC-MACHINED CARRIER
7075 T6 aluminium
Hard-anodised finish

Ø310 mm
5.5 mm
Thickness

Ø320 / Ø330 mm
5.5 / 6.0 mm
Thickness

FRICTION RING
Drilled and slotted
8 slots per face

R100D-RAD

AIRFLOW MEETS PERFORMANCE

Under intense and repeated braking, heat management is essential to maintaining consistent braking-system characteristics.

R100D-RAD further develops the R100 platform with geometry dedicated to thermal management. Angled radial elements on the inner edge of the friction ring increase the surface area available for heat exchange and are designed to interact with airflow.

This ventilation geometry works with the cantilevered friction ring and outer-edge groove, combining different approaches to heat dissipation.

The dedicated 5.8 mm thickness reflects the search for a balance between overall mass, resistance to loading and heat-exchange surface area.

R100D-RAD also retains the drilled and slotted geometry of R100, with the slot orientation chosen to prioritise strong initial bite. More effective thermal management is intended to support prompt, consistent response during prolonged use.

Dedicated right-hand and left-hand friction rings are available.



SPECIFICATIONS

CNC-MACHINED CARRIER
7075 T6 aluminium
Hard-anodised finish

DIAMETERS
Ø320 / Ø330 mm

THICKNESS
5.8 mm

CONFIGURATIONS
Right and left
Side-specific friction rings

RACING DEVELOPMENT

2026 / TITLES. VICTORIES. DEVELOPMENT.

2026 marked a decisive step for the Discacciati project: titles, victories and results across different championships, achieved through shared technical work with teams and riders.

BRITISH SUPERSPORT

CHAMPION / LUKE STAPLEFORD

Title with Scars-Racing Ducati. The technical collaboration was already taking shape during testing in November 2025.

NATIONAL TROPHY 1000

CHAMPION / ROBERTO FERRARA

Title with RR Racing and Ducati V4, secured at the final round. Rival Marco Marcheluzzo of Team Broncos also used Discacciati discs.

ITALIAN MOTO4

CHAMPION / EDOARDO SAVINO

Italian title with Edoardo Savino and Bucci Moto. The Moto4 CIV programme involves all Bucci Moto and GEA riders.

THE SEASON IN NUMBERS

3	25	67
TITLES	WINS	PODIUMS

Podiums include wins.
Sprint and Superpole races included.

From Supersport to Endurance, the programme is measured by more than results: every collaboration also provided a practical opportunity for discussion, testing and development.

FIM ENDURANCE WORLD CHAMPIONSHIP

8 HOURS OF SPA / SUPERSTOCK WIN

With REVO-M2 and Aprilia RSV4 1100: Superstock class victory at the 8 Hours of Spa. Endurance puts consistent performance and thermal management at the heart of development.

BRITISH SUPERSPORT / YAMAHA YZF-R9

McAMS YAMAHA / RACE RESULTS

With Ben Currie, Harry Truelove and Can Öncü. At Thruxton, Öncü took a victory and a second place.

CIV SUPERSPORT

BRONCOS / KEVIN ZANNONI

Two victories at the opening Misano round: a strong start to the development programme with Kevin Zannoni and Broncos.

WORLD SPORTBIKE

REVO-M2 / APRILIA RS 660

With Matteo Vannucci and Mattia Sorrenti. At Most, Vannucci claimed the REVO-M2 Aprilia project's first world championship victory.

THREE TITLES. ONE RACING PHILOSOPHY.

DEVELOPED WITH TEAMS. PROVEN IN COMPETITION.

THE NEXT CHAPTER

AND WE'RE JUST GETTING STARTED.

The journey that began in December 2024, driven by almost two years of research and dialogue with the racing world, represents a new chapter in the Discacciati story.

The Classic, R&T Road & Track, R100 and R100D-RAD ranges express one identity through different needs: preserving what works, evolving where needed and continuing to explore new solutions.

But this is no finishing line.

Experience gained on the track, dialogue with teams and the ambition to explore new possibilities continue to drive development. New projects and new challenges are already part of the Discacciati future.

OVER 40 YEARS OF RACING HERITAGE.

AND WE'RE JUST GETTING STARTED.