

MANHART

SINCE 1986



MANHART MH5 900

LIMITED 01/05: THE MOST POWERFUL AND CUSTOMISED MH5 OF ALL TIME

MH5 900 Limited 01/05 - behind this type designation lies nothing less than the most powerful saloon that our MANHART Performance technicians have ever put on the wheels of a BMW 5 Series! The basis of the new MH5 top model, which - as the name suggests - will be produced by us in an exclusive limited edition of just five units, is the F90 M5 Competition in the model-maintained LCI version.

Visit our new shop:



www.manhart-performance.de/en/shop



MANHART MH5 900

SPECIFICATIONS

ENGINE

4.4-Litre V8 Biturbo Engine (S63)
8-Speed Automatic Gearbox
MANHART Turbo Upgrade
MANHART Intercooler by Wagner
MANHART Carbon Air Intake
MANHART Engine Strengthening for up to 1,200 HP

POWER

Original 625 HP / 750 Nm
Tuned 928 HP / 1240 Nm
MANHART ECU Remapping

EXHAUST

MANHART Stainless Steel Exhaust System
with Valve Control
MANHART Downpipes Race*
MANHART OPF-Delete Pipes*
MANHART OPF/GPF Deleter*
4 x 100 mm MANHART Tailpipes in Matt Black

*No TÜV Approval, Only for Export

SUSPENSION

MANHART Lowering Springs by H&R
or
MANHART Coilover Springs by KW Suspensions
MANHART Suspension Tuning

WHEELS

MANHART Concave One in Silk Matt Black
FA: 9 x 21" (265/25 ZR21)
RA: 10,5 x 21" (295/25 ZR21)
MANHART Rim Decoration in Copper
Rim Colour Upon Request Individually Configurable

BRAKES

Carbon Ceramic Brake System
Brake callipers painted in body colour

INTERIOR

MANHART Carbon Seat Shells
MANHART Carbon Interior Package
MANHART Alcantara Roof
MANHART Sky Roof
MANHART Dataview Display
MANHART Floor Mats

EXTERIOR

MANHART CS Style Bonnet
MANHART Carbon Front Spoiler
MANHART Carbon Two-piece Front Bumper Inserts
MANHART Carbon Canards
MANHART Carbon Front Grille
MANHART Carbon Two-piece Side Pieces
MANHART Carbon Two-piece Side Skirts
MANHART Carbon Two-piece roof Spoiler
MANHART Carbon Rear Spoiler
MANHART Carbon Rear Diffusor
M Performance Carbon Mirror Caps
MANHART Decal Set



MANHART PERFORMANCE UPGRADE

As is usual for us, the model designation already gives a clear indication of the power of the MH5 900: the data sheet shows a mighty 928 hp and 1,240 Nm! To achieve this explosion of power and torque, we gave the twin-turbocharged 4.4-litre V8 engine (S63) a MANHART turbo upgrade including carbon intake and MANHART intercooling by Wagner Tuning. At the same time, we have reinforced the engine mechanics for outputs of up to 1,200 hp using Carillo pistons and H-shafted connecting rods. The hot combustion exhaust gases from the eight-cylinder engine escape through a MANHART stainless steel exhaust system with flap function and matt black 100 mm tailpipe trims. There are also race downpipes, OPF delete replacement pipes made of stainless steel and an OPF/GFP delete, none of which have TÜV approval and are therefore only intended for export. The transformation of the M5 Competition into the MH5 900 is of course completed by our ECU remapping, which is customised to the new hardware.





MANHART WHEELS AND SUSPENSION

The wheel arches are home to our own Concave One forged rims in satin black with copper accent stripes. The lightweight double-spoke rims measuring 9x21 and 10.5x21 inches were fitted with high-performance tyres in 275/30ZR21 and 295/30ZR21. The rim colour can be freely configured at the customer's request. When it comes to MANHART suspension optimisation, we leave our customers spoilt for choice with the MH5 900: individually adjustable lowering and noticeably more agility are generated by MANHART coilover springs by KW Suspensions, while the optionally available MANHART coilover suspension Variant 4 by KW Suspensions guarantees even more driving dynamics. The extremely powerful and stable carbon-ceramic brake system of the BMW M5 did not require any technical optimisation. To harmonise the look, however, we painted the large brake callipers in the same colour as the car and added MANHART lettering.





MANHART VISUAL HIGHLIGHTS

The MH5 900 Limited 01/05 is also the most individualised vehicle in our MH5 model series in terms of appearance. We installed a large arsenal of in-house aerodynamic and styling parts made of carbon fibre. The shimmering fibre fabric features a front spoiler at the front, the kidney-shaped radiator grille surround, a two-part front apron insert and a pair of canards on the front apron. The fibre composite material also shimmers on the air outlets of the carbon bonnet in CS style. The flanks of the MH5 900 feature two-piece side skirts and side inserts. A two-piece roof spoiler sits enthroned above the rear windscreen, while a one-piece counterpart forms a tear-off edge on the tailgate. The carbon fibre rear diffuser with its striking fins is an unmistakable reference to motorsport. The carbon-fibre exterior mirror caps round off the M Performance range. On its deep blue bodywork, the MH5 900 Limited 01/05 shown here bears our typical MANHART decor in copper.





MANHART INTERIOR

We also customised the passenger compartment with no less effort than the exterior: shimmering carbon wherever you look! In addition to our MANHART interior package, the entire seat shells are also made of carbon fibre. The headlining was refined with soft Alcantara - matching the colour of the brown leather upholstery - including Sky Roof star firmament. There is an additional MANHART Dataview display in the cockpit and the feet rest on soft MANHART floor mats.



MANHART

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All facts concerning driving performance are approximations. They depend on vehicle-specified details such as vehicle type, equipment, curb weight, rear axle ratio, wheel-tire combination, transmission design and aerodynamic equipment of the individual vehicle. Information about performance increases and/or performance kits are average values. A margin of +/- 5% in performance gains should be taken into consideration. Information about the overall performance of the stock engines changed due to an increase in performance and/or performance kits is based on the manufacturer's information in the vehicle registration document, which in turn can deviate +/- 5%. MANHART Performance assumes no liability for additional under-performance of factory engines. The technical data can be changed at any time without notice.