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TechArt GTsport 385 hp / 283 kW, 407 Nm and 285 km/h from 3.8-liter Displacement

3.8-liter displacement, 385 hp / 283 kW at 6,600 rpm, a peak torque of 407 Nm at 4,600 rpm and a top speed of 285 km/h: Those are the performance cornerstones of the new TechArt GTsport, that TechArt Automobildesign (Röntgenstrasse 47, D-71229 Leonberg-Höfingen, phone +49 / (0) 71 52 / 9 33 9-0, fax +49 / (0) 71 52 / 93 39 33, Internet www.techart.de) builds in small-series production based on the Porsche Cayman S. MSRP starts at 100,000 euros.

At the heart of this mid-engine sports car lies the increase in displacement from standard 3,387 cm³ to 3,824 cm³. The increase is facilitated by a bore enlarged to 99 millimeters with the corresponding larger special pistons, and by the installation of a special crankshaft.

The engine conversion further includes sports camshafts. A modified intake manifold with special air filter system and an aluminum header provide ample combustion air. The perfect interaction of all these components including the fully stainless-steel high-performance exhaust system with high-performance manifold is orchestrated by new mapping for the engine electronics.

With a maximum power output of 385 hp / 283 kW and a peak torque of 407 Nm the TechArt displacement engine satisfies both highly sporty minded drivers as well as those GTsport pilots who want lots of pulling power from low engine speed.

Powered by this engine, the mid-engine sports car offers excellent performance: The sprint from 0 - 100 km/h takes just 4.9 seconds, and with a top speed of 285 km/h the TechArt two-seater easily bests its production counterpart in this discipline, too.

The exhilarating performance is coupled with striking looks and refined aerodynamic properties. The TechArt GTsport front apron is designed to replace the production bumper. With its large air inlets and four auxiliary headlights it lends the two-seater a more dynamic appearance while reducing lift on the front axle at high speeds. The extendable carbon air splitter can further minimize aerodynamic lift.

The TechArt rocker panels were modeled to calm the airstream between front and rear wheel houses. They also give the two-seater a longer, sleeker appearance. Carbon mirror moldings round out the racing look of the TechArt GTsport.

To optimize downforce on the rear axle and for even more striking looks TechArt Automobildesign further equips the GTsport with a rear wing with extendable carbon gurney flap. The rear apron is refined by a carbon diffuser.

Striking looks and agile handling are the hallmarks of the TechArt tire/wheel combination on the GTsport. The especially light-weight one-piece TechArt Formula five-spoke wheels are mounted on the front axle in size 8.5Jx20 with ContiSportContact 3 tires in size 235/30 ZR 20. The rear axle features wheels in size 11Jx20 with size 305/25 ZR 20 tires.

Specially calibrated to these wheels and tires is the TechArt VarioPlus coil-over suspension for all vehicles that are factory-equipped with the electronically adjustable PASM damper system. This



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suspension not only allows adjustable ride-height lowering by up to 25 millimeters, but also manual selection of damper settings "Normal" and "Sport" at the push of a button in the cockpit. The dampers are not limited by the manually selected setting: Sporty driving automatically firms up the dampers in both suspension modes. The result is an optimal symbiosis of excellent ride comfort during normal driving and agile direct response during fast cornering.

As a world-renowned specialist for exclusive car interiors TechArt Automobildesign will customize the interior of the *GTsport* in the company-own upholstery shop according to customers' individual specifications.

The product lineup includes exclusive fully leather interiors as well a numerous sporty accessories: TechArt offers ergonomically shaped airbag sport steering wheels with three or four spokes as well as aluminum foot pedals, shifter and foot rest. Also available are stainless-steel door sills with TechArt logo.

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TechArt GTsport – Technical Specifications

Engine:

Watercooled six-cylinder boxer engine with TechArt capacity increase to 3.8 liters

Displacement	3,824 cm ³
Bore x stroke	99 x 82.8 mm
Max. Power	385 hp / 283 kW at 6,600 rpm
Max. torque	407 Nm at 4,600 rpm
Compression-ratio	11.8:1
Literleistung	101,3 PS power output per liter

Transmission:

Rear-wheel drive, anti-slip differential pull 50%, push 40%.

Six-speed manual gearbox with TechArt shifting travel shortage, gear ratios:

1st speed	3.31
2nd speed	1.95
3rd speed	1.41
4th speed	1.13
5th speed	0.97
6th speed	0.82

Axle ratio	3.88
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Chassis:

TechArt VarioPlus coil-over sport suspension

Wheels:

TechArt Formula light alloy wheels, one-piece, 8.5Jx20 in front with 235/30 R 20 ContiSportContact3 tires, 11Jx20 in rear with 305/25 R 20 tires.

Brakes:

Standard



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Bodywork:

Two-seater coupe

Length	4,341 mm
Width	1,801 mm
Height	1,270 mm
Wheelbase	2,415 mm
Tank capacity	64 liters
Curb weight	1,300 kg
Weight/power ratio	3.37 kg / PS
Weight distribution	47 / 53 %

Performances:

Acceleration:	0 – 40 km/h:	1.6 s
	0 – 60 km/h:	2.5 s
	0 – 80 km/h:	3.7 s
	0 – 100 km/h:	4.9 s
	0 – 120 km/h:	6.8 s
	0 – 140 km/h:	9.1 s
	0 – 160 km/h:	12.1 s

Maximum speed: 285 km/h

Elasticity:	5th speed from 80 km/h:
	100 km/h: 2.7 s
	120 km/h: 5.3 s
	140 km/h: 8.0 s
	160 km/h: 10.9 s
	180 km/h: 13.9 s
200 km/h: 17.2 s	

Braking distance:	100 km/h cold:	37.7 m / 10.2 m/s ²
	100 km/h warm:	35.6 m / 10.8 m/s ²

Fuel consumption:	Minimum:	10.9 l / 100 km
	Maximum:	16.8 l / 100 km
	Average:	14.3 l / 100 km

Retail price:

From 115,000 Euros



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Manufacturer:

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