

DAUER

THE MASTERPIECE

DAUER EB110 SuperSport Light Weight



Aerodynamic Package
Wind Tunnel Tested
Strongly Improved Values



HISTORY

The new DAUER EB110 SS Light Weight is a unique car, which has been consequently further developed and technically improved by Jochen Dauer, a German Super Car constructor.

As its predecessor, the legendary Bugatti EB110 SS had a heavy aluminium body, this „Light Weight“ uses Carbon and Kevlar compounds for the body-work, chassis and other parts as the cardan shaft, e.g.

By this the weight could be reduced by approximately 180 kg.



The brilliant V12 5-valve engine which is loaded by four superchargers and has been redesigned as well.

Now it has 645 bhp and a fantastic torque of 611 NM. With this „package“ the car reaches a maximum speed of more than 350 kilometres per hour.







The cockpit is a perfect and successful symbiosis of solid, noble ambience and uncompromising sportivity.

The large TFT screen of the TV-DVD-navigation system also shows the picture of the rear camera which is built in the bumper. If the device is not needed, it disappears in the console.

With its permanent four-wheel-drive in connection with the short wheel base, the car improves with merciless traction and unbeatable turn rate.

CAR AND EQUIPMENT

Exterior
Interior

Black with clear laquer
Full leather, colour: Champagne



STANDARD EQUIPMENT

ABS

Security system with alarm and immobiliser

Remote central locking

Climate control air-conditioning

Power-assisted steering

Electrically adjustable, heated rear view mirrors

Power windows

Remote-controlled door openers

5 mph impact bumpers

Side marker lights High-level third brake light in rear wing

HiFi-system with TV, DVD-player & navigation

Rear view camera system

BBS Aluminium rims

REMUS exhaust 4 pipe

EXTRAS For your own selection, extra charge





SPECIFICATIONS

ENGINE

Engine Characteristics

4 Stroke Otto Cycle 60° V 12 Cylinders

Position

mid- longitudinal

Bore & Stroke

81 mm x 56,6 mm

Total Cylinder Capacity

3500 cm³

Compression Ratio

7,65 : 1

Maximum Power

approx. 645 hp @ 8250 rpm

EEX Maximum Torque

611 Nm @ 3750 rpm

Exhaust

4 pipe Tuned Remus Exhaust system

Lubrication

Dry Sump. Lubricant

CHASSIS

Carbon Fibre Single Block

Engineered by DAUER



BODY	<p>Body made of Ultra-Light Carbon-Fibre</p> <p>New Locking system for bonnet + engine cover</p> <p>5 mph CRASH-Bumpers USA Version</p> <p>Simplified Body Assembly</p>
FLY WHEEL	Light Version
CLUTCH	Clutch Single dry Plate, Hydraulic Power assisted
GEARBOX	6 speed with synchronisation + reverse
Gear Ratios	<p>1st = 1:3,06</p> <p>2nd = 1:2,19</p> <p>3rd = 1:1,59</p> <p>4th = 1:1,24</p> <p>5th = 1:1,1</p> <p>6th = 1:082</p> <p>R = 1:3,583</p>





TRANSMISSION

Front - Rear - Central Diff.
Rear Axle Ratios

Permanent Integral on 4 Wheels

Free - Self Locking at 45% - Epicyclic
Front 27% - Rear 73%

SUSPENSION

Front

Rear

Independent

Double Wishbone with Pull Rod

Double Wishbone

STEERING

Rack and Pinion Power assisted

Engineered by DAUER

BRAKING SYSTEM

Front and Rear Brakes

Double Hydraulic Circuit,

ABS Bosch Bugatti

Floating Disc ventilated, Diam. 332 mm



WHEELRIMS	BBS Aluminium Wheelrims
Front	9 J x 18
Rear	12 J x 18
TYRES	Michelin Pilot Sport
Front	245 / 40 ZR 18
Rear	335 / 30 ZR 18 N E W
ELECTRICAL SYSTEM	12 Volt Alternator, Battery 70 Ah Always Battery-Power Accu-Jogger
SIZE	
Max. Length / Max. Width	4.400 mm / 1.940 mm
Max. Height / Min. Ground	1.114 mm / 128 mm
Wheel Base	2.550 mm
Front Track / Rear Track	1.550 mm / 1.618 mm
WEIGHT	Empty Weight approx. 1480 kg N E W
Total Weight	approx. 1690 kg
Distribution	Front: 40% Rear: 60%
PERFORMANCE	
Acceleration 0 to 100 km/h	3,35 Seconds
1 km Standing Start	19,5 Seconds
Maximum Speed	351 km/h
FUEL CONSUMPTION	EEC Standard 80/1268
Urban Cycle	29,9 Litres / 100 km
Constant Speed at 90 km/h	12,9 Litres / 100 km
Constant Speed at 120 km/h	14,3 Litres / 100 km
CONSTRUCTION	Monobloc built in Aluminium
Cylinder Heads / Links	Alloy RR 350 Cu / Titanium
Valve Gear / Drive	Gear driven - 2 Camshafts for each Group
Valves per Cylinder	Inlet : 3 - Exhaust : 2
Supply	Bugatti Multipoint Electronic Injection
Superch. max. Superpressure	4 IHI Turbo Chargers - 1,2 bar
Ignition	Capacitive Discharge, 1 coil x cylinder



TANKS

2 Independent, Total 100 Litres

ANTIPOLLUTION DEVICE ELF

2 x 2 3-way Catalyst / Oxygen Sensor
Secondary Air Injection
Petrol Vapour Collector
Oil Vapour Collector
Ecological ELF Lubricant

Technical Data are subject to change without notice. Errors have to be accepted.

