

LAMBORGHINI

350GT





Lamborghini Automobili SAS is pleased to present the 350 GT, produced in close collaboration with the Touring body works.

The aim in bringing this car into being has been to achieve the essence of the requisites for a modern « Gran Turismo », namely:

Superior performance

Elegance

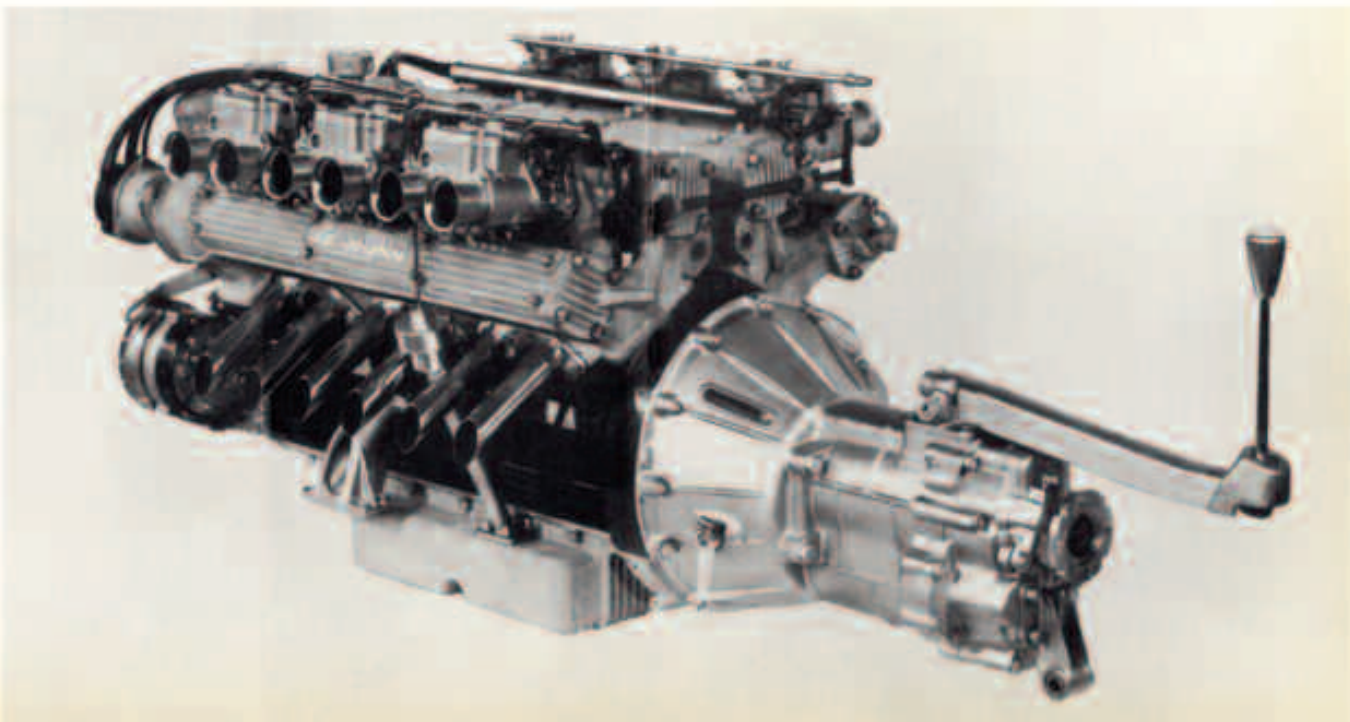
A high degree of safety and comfort

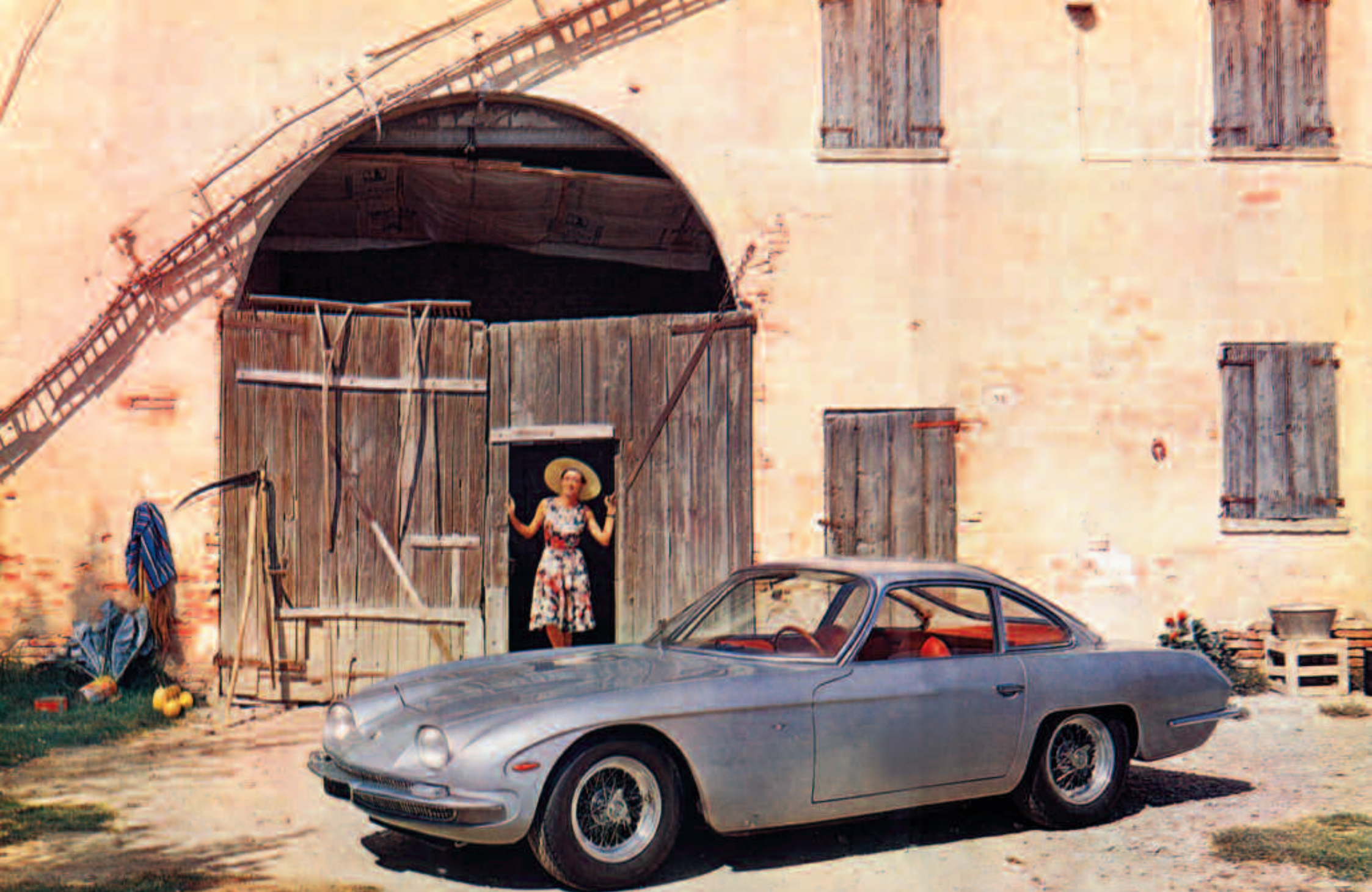
Simplicity of maintenance

To obtain superior performance it was decided first of all to use a 12-cylinder motor with 4 overhead camshafts and 6 twin-choke weber carburetors; this solution presenting in fact the possibility of a high number of revolutions, good power, outstanding adaptability and pickup even at low ranges of rotation. The line of the body accurately studied in the wind tunnel, the reduced weight thanks to the extensive use of light alloys, the **independent suspension of the four wheels**, the self-locking differential, the 5-speed gearbox with RM fully synchronized, permit reaching high speed and outstanding acceleration and guarantee an exceptional stability under all driving conditions. The elegance of the line has been the object of much attention: it has been our intention to bring out a

sport conformation yoked to moderate style such as to permit the car to remain pleasing and interesting for many years.

Particular care has been dedicated to comfort and safety: the car is equipped with precise steering gear, commodious bucket seats, light and handily located controls, an abundant instrumentation; visibility is excellent in all directions; the ventilation and heating are commensurate with the class of the car. To the end of guaranteeing good functioning, the car is equipped with thoroughly tested mechanical components built by the best European factories, such as: double circuit disc brakes with Girling double servo units, ZF 5-speed + RM gearbox fully synchronized, Salisbury self-locking differential, Fichtel & Sachs clutch. Conceived for the man who wants stability, lightning pickup, smooth and safe braking.





Conceived for the man who wants stability, lightning pickup, smooth and safe braking



DATI TECNICI

Carrozzeria: Coupé 2 posti
Coupé 2 - 2

Lunghezza massima: m. 4,46
Altezza massima: m. 1,23
Larghezza massima: m. 1,73

Motore: 12 cilindri V 60°
Alesaggio mm. 77 - Corsa mm. 62
Cilindrata totale cmc. 3464
Camera di combustione emisferica
Rapporto di compressione 9:1
Potenza massima a 6500 giri minuto:
CV DIN 280

Basamento in lega leggera con canne riportate
Albero motore su sette supporti e bielle affiancate
Distribuzione a quattro assi a cammes in testa comandati a catena silenziosa con tenditore
Lubrificazione a pressione con filtraggio totale
Accensione a batteria a 12 Volt e due spinterogeni
Alimentazione con sei carburatori a doppio corpo alimentati da due pompe elettriche
Raffreddamento ad acqua con 2 ventilatori elettrici a comando termostatico
Impianto elettrico a 12 Volt con alternatore a 400 Watt
Frizione: monodisco a secco con parastrippi e comando idraulico
Cambio: ZF a 5 velocità - retromarcia sincronizzate
Differenziale: Salisbury Autobloccante
Telaio: di costruzione tubolare
Passo: m. 2,55
Carreggiata ant. e post. m. 1,38

Sospensioni: anteriore e posteriore indipendenti a quadrilateri, con molle elicoidali, ammortizzatori telescopici e barre stabilizzatrici
Freni: a disco sulle quattro ruote con doppio circuito e 2 servofreni
Scatola guida: a vite senza fine ZF.
Ruote: a raggi con pneumatici 205 x 15
Serbatoio carburante: capacità l. 80

Prestazioni:
Consumo CUNA: l. 16 ÷ 18 per 100 Km.
Velocità massima:
Con rapporto 13/49 260 Km/h
Con rapporto 11/45 240 Km/h
Con rapporto 11/47 230 Km/h
Peso: Kg. 1200

CARACTERISTIQUES

Carrosserie: Coupé 2 places
Coupé 2 - 2

Longueur: max. m. 4,46
Hauteur: max. m. 1,23
Largeur: max. m. 1,73

Moteur: 12 cylindres V 60°
Alesage mm. 77 - Course mm. 62
Cylindrée totale 3464 cc.
Chambre de combustion hémisphérique
Rapport de compression: 9:1
Puissance max. 6500 t/m CV DIN 280
Bloc Moteur en aluminium avec Chémises reportés
Villbrequin sur sept paliers et bielles rangées flanc à flanc
Distribution à quatre arbres à cames en tête entraînées par chaîne silencieuse avec tendeur
Graissage sous pression avec filtrage total
Allumage à batterie de 12 Volts et deux distributeurs
Alimentation: 6 carburateurs Weber à double corps alimentés par deux pompes électriques
Refroidissement à eau avec 2 ventilateurs électriques à commande thermostatique
Installation électrique à 12 Volts avec alternateur de 400 Watt
Embrayage: monodisque à sec avec myeau elastique et commande hydraulique
Boite de vitesse: ZF à 5 vitesses et marche arrière synchronisées
Différentiel: Salisbury, blocage automatique
Chassis: construction tubulaire
Empattement m. 2,55
Voie avant et voie arrière m. 1,38
Suspension antérieure et postérieure indépendants à quadrilatères, avec ressort hélicoïdaux, amortisseurs télescopiques et barres stabilisatrices
Freins: a disques sur les quatre roues avec double circuit et 2 servocommandes
Boite de direction: ZF à vis sans fin
Roues: à rayons avec pneus 205 x 15
Réservoir d'essence: capacité l. 80

Rendements:
Consommation l. 16 ÷ 18/100 Km.
Vitesse max:
Avec rapport 13/49 260 Km/h
Avec rapport 11/45 240 Km/h
Avec rapport 11/47 230 Km/h
Poids: Kg. 1200

SPECIFICATIONS

Body 2 Seat Coupé
2 - 2 Coupé

Overall Length 4,46 mt.
Overall Height 1,23 mt.
Overall Width 1,73 mt.

Engine 12 cylinders 60° V
Bore 77 mm - **Stroke** 62 mm
Displacement 3464 cc.
Compression Ratio 9:1
Max Power HP 280 DIN AT 6500 RPM
Block in aluminium alloy with shrunk in liners
Crankshaft Seven main bearings with 2 connecting rods per throw
Distribution 4 overhead camshafts - Chain driven by 2 silent chains
Lubrication Gear type pump with full flow radiator and filter
Ignition 12 V. Battery coil with twin distributors
Cooling Centrifugal pump with 3 way flow radiator, 2 electric fans thermostatically controlled
Electrical System 12 V with 400 Watt alternator
Fuel system 6 twin choke Weber carbs supplied by 2 electric fuel pumps
Clutch single dry plate hydraulic engagement
Gearbox ZF 5 speed - reverse fully synchronised
Differential Salisbury self locking
Chassis tubular construction with independent type front and rear suspensions equipped with coil springs telescopic shock absorbers and antiroll bars
Wheelbase 2,55 mt.
Track front 1,38 mt.
Track rear 1,38 mt.
Brakes double circuit discs on all 4 wheels with 2 vacuum servo units
Steering ZF worm-screw
Tyres 205 x 15 on Borrani spoked wheels
Fuel tank capacity 80 lt.
Fuel consumption lt. 16 ÷ 18 per 100 kms.
Max speed
with ratio 13/49 260 Km/h
with ratio 11/45 240 Km/h
with ratio 11/47 230 Km/h
Weight: Kg. 1200

TECNISCHE ANGABEN

Karosserie: 2 Sitze Kupees
2 - 2 Kupees

Länge: 4,46 m.
Höhe: 1,23 m.
Breite: 1,73 m.

Motor: 12 Zylinder in 60° Winkelstellung
Bohrung 77 mm - Hub 62 mm
Zylinder-Inhalt: 3464 cm.
Halbkugel-Verbrennungsraum.
Verdichtungsverh.: 9:1
Höchstleistung bei 6500 Umdr./Min. 280 PS (DIN-Norm).

Motorblock: Leichtmetall mit aufliegenden Röhren
Antriebswelle: 7-fach gelagert, mit nebeneinanderliegenden Pleueln.
Kopfsteuerung: 4 durch geräuschlose Ketten mit Spanner betätigte Nocken-Wellen
Druckschmierung mit kompletter Filtrierung
Zündung: 12 V. Batterie u. 2 Verteiler
Kraftstoffzufuhr: 6 Weber-Doppelvergaser von 2 elektr. Pumpen gespeist
Wasserkühlung mit 2 elektrischen thermostatisch-gesteuerten Ventilatoren
Lichtanlage: Dynamo 12 V., 400 W.

Kupplung: einschelbentrockenkupplung hydraulisch betätigt.
Schaltgetriebe: 5 Vorwärtsgänge ZF m. Rückwärtsgang, vollsynchr.
Differential: Salisbury mit Selbstsperrung
Fahrgestell: Stahlrohrrahmen.
Radstand: 2,55 m.
Spurweite 1,38 m. vorn u. hinten.
Federung: Unabhängige Aufhängung der Vorder- und Hinterräder m. Spiralfedern
Teleskop-Stoßdämpfern und Stabilisatorstangen
Scheibebremse mit Doppelkreis u. 2 Servobremsen
Lenkung: ZF
Räder: Gummibereifte Speicherräder 205 x 15
Benzintank: Inhalt 80 l.
Leistung:
Verbrauch (CUNA) 16 ÷ 18 l./100 Km.
Höchstgeschwindigkeit:
mit Übersetzung 13/49 = 260 Km/h
mit Übersetzung 11/45 = 240 Km/h
mit Übersetzung 11/47 = 230 Km/h
Gewicht: 1200 Kg.

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The data in his catalog are indicative only