

LANCIA H.P. EXECUTIVE
1600, 2000 I.E., VOLUMEX.



**H.P.EXECUTIVE.
THREE WAYS OF BEING A SPORTS SALOON.**

VOLUMEX.

An unrivalled car that combines the uniqueness of a sports saloon with the uniqueness of the Volumex, the one and only positive-displacement compressor series-production car. A pacesetter solution added to advanced technology.

The H.P.Executive is also fitted with hydraulic steering, Lancia's special power-assisted steering system that makes parking so easy and lets the driver really feel the road through the steering wheel at high speed.

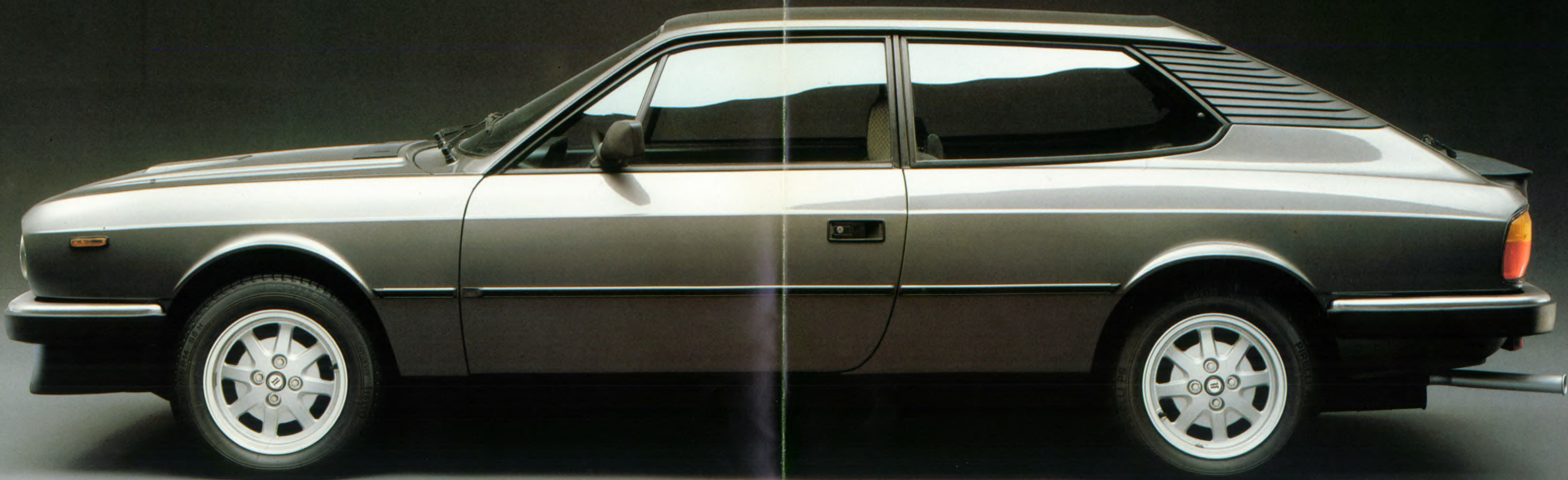
2000 I.E.

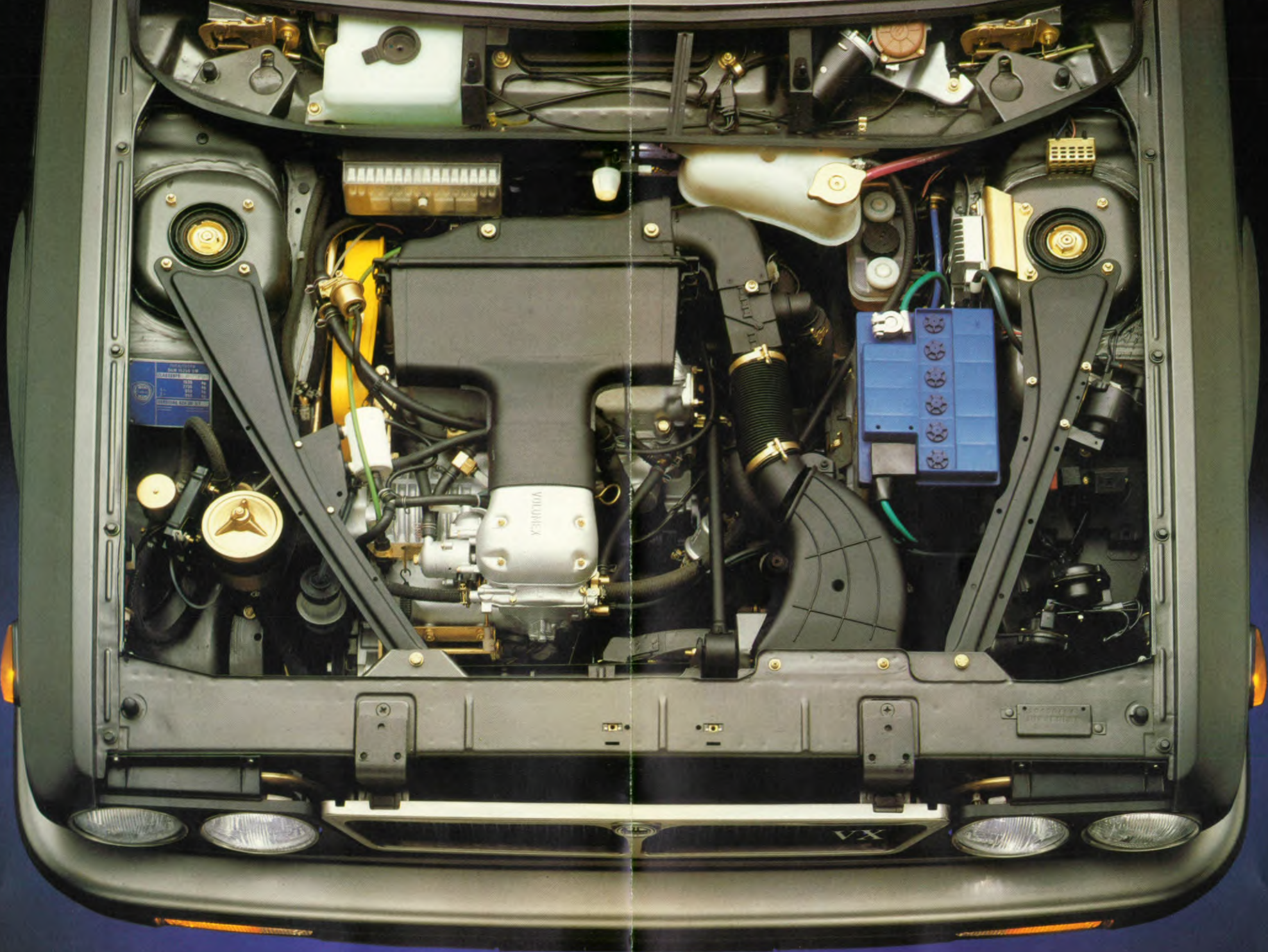
A car in which electronics engineering is wedded to automobile engineering. Bosch L-Jetronic electronic injection. Marelli Digiplex static electronic ignition, the most advanced system on the market, with computerised spark advance from a bank of over 500 optimal running conditions. Electronic cut-off device shuts off the fuel flow when the foot is taken off the accelerator. Fuel savings of up to 10% are possible from the combination of the Digiplex and a new final drive ratio. Power steering is also fitted to this model.

1600.

All the advantages of a Lancia sports saloon plus all the benefits of low capacity. Very lively, front-mounted transverse engine with twin overhead camshaft. Lancia's superbly balanced front-wheel drive. Lancia 5-speed gearbox. 4 discs with Superduplex control, vacuum servo, brake effort proportioning valve acting on the rear wheels, and second, fully separate front-braking circuit. Independent MacPherson struts on all four wheels.

The most sportslike 1600 family car.





The H.P. Executive uses a technology that only Lancia can offer, namely the Volumex positive displacement compressor. This exclusive supercharging system enhances the already exceptional specifications of the transversely mounted, twin overhead camshaft Lancia 2000 engine.

The Volumex is located between the carburettor and the cylinders. Two rotors turning inside a figure-of-eight housing are directly driven by the crankshaft. The air-fuel mixture from the carburettor is compressed by the rotors and forced into the cylinders at higher-than-atmospheric pressure. This supercharging effect makes itself apparent even at low engine speeds. Torque is already way up at 17.9 mkg at only 1400 rpm and rises to 21 mkg at 3000 rpm, giving the

H.P. EXECUTIVE VOLUMEX. EVEN MORE EXCLUSIVE UNDER THE BONNET

H.P. Executive Volumex a truly exceptional degree of flexible, smooth running. Fantastic pick-up in high gears, and smooth handling that has the sports-car touch, but is never taken to extremes over mixed routes, and even in city traffic. The versatile Volumex can be a source of sheer power, too. Just get busy with the gearbox and press down the accelerator. 135 bhp; 200 km/h; 0-100 km/h in an amazing 9.4 sec; standing kilometre in 30.5 sec. Performance way up at the top of the bracket. It's no accident that the Volumex is making a name for itself in the racing world. The Lancia Rally with the Volumex positive-displacement compressor is continuing to chalk up victories in the World, European and Italian Rally Championships.



**THE NEW H.P.EXECUTIVE VOLUMEX
THE MOST PRESTIGIOUS VERSION
OF A UNIQUE CAR.**

The H.P.Executive Volumex is the latest development of a Lancia exclusive: the sports saloon. The sports car side can be seen in the vehicle's lines, low centre of gravity, sports steering layout, instrumentation, and performance figures. And in its technology:

front-wheel drive, transversely mounted engine, five-speed gearbox, Superduplex braking system with four disc brakes, independent suspension on all four wheels. Yet this is also a real five-seater saloon, an original, ideal family car. Ample luggage space that can

be increased in stages up to 1200 cu/dm by tilting forward half or all the back seat. Easy loading and unloading, too, through the large, convenient hatch.

A saloon, and a Lancia saloon at that. The refined interior with its exclusive trim leaves no doubt on

this score: handcrafted leather for the steering wheel, and wool fabric upholstery for the seats and door panels designed exclusively by Ermenegildo Zegna.



SPECIFICATION

	1600	2000 I.E.	VOLUMEX
ENGINE	4 cylinders in line, transversely mounted at front		
Bore x stroke	mm 84 x 71.5	84 x 90	84 x 90
Cylinder capacity	cc 1585	1995	1995
Compression ratio	9.4:1	8.9:1	7.5:1
Max. power output DIN	bhp(kW) at rpm 100 (73.6)/5800	122 (89.8)/5500	135 (99.3)/5500
Max. torque DIN	mkg(Nm) at rpm 13.7 (134)/3000	17.9 (175)/2800	21 (206)/3000
Timing	twin overhead cam driven by toothed belt		
Ignition	electronic, inductive discharge	electronic static Marelli Digiplex	electronic, inductive discharge
Fuel feed	synchronized twin choke carburettor	Bosch L-Jetronic electronic ignition	synchronized twin choke carburettor and supercharging by positive displacement compressor
TRANSMISSION	front wheel drive		
Clutch	dry single plate, diaphragm spring		
Gearbox	5-speed		
STEERING	rack-and-pinion (hydraulic servo on 2000 I.E. and Volumex). Three-section steering column with energy absorbing articulations. Height-adjustable steering (70 mm)		
Turning circle	10.6 m		
BRAKES	discs front and rear. Vacuum servo.		
	Superduplex type control, split circuit (one front, one front/rear). Brake effort proportioning valve acting on rear wheels.		
SUSPENSION	independent MacPherson struts with lower wishbones and anti-roll bar		
Front	independent MacPherson struts with transverse arms and anti-roll bar acting as radius rod		
Rear			
ELECTRIC SYSTEM	12 V, 65 A (55 A on 1600) alternator, 45 Ah battery, 2 halogen headlamps (with automatic beam adjustment according to the load)		
WHEELS	5 1/2 J x 14"		
Rims			
Tyres (Tubeless)	175/70 SR 14"	175/70 HR 14"	185/65 HR 14"
DIMENSIONS AND WEIGHTS			
Wheelbase length	mm 2540		
Track, front/rear	mm 1406/1392		
Length-width-height	mm 4285 x 1650 x 1310		
Boot capacity	cu.dm. 300 ÷ 1200		
Kerb weight	kg 1060	1110	1135
Max. payload	kg 500	500	400
Towing weight	kg 1130	1180	1200
Fuel tank	litres 52		
PERFORMANCE			
Top speed	km/h 172	185	200
Acceleration (sec)			
0-100 km/h	11.7	10.2	9.4
0-400 m	18.3	17.5	16.5
0-1000 m	33.3	31.7	30.5
Max. gradient climbable	% 37.4%	37.9%	39%
Fuel consumption, at a steady	L/100km		
90 km/h	6	6.5	7.2
120 km/h	8.2	8.9	9.1
urban cycle	11.1	11.2	12.7
MAIN OPTIONAL EQUIPMENT*	Electric windows Automatic transmission (2000 I.E.) Automatic transmission + hydraulic steering (1600) Metallic paint Air conditioner (2000 I.E.) Air conditioner and tinted windows (1600) Tinted windows (1600)		
	Hydraulic steering (1600) Rear head restraints Fog lights Alloy wheels and 185/65 HR 14" Tubeless tyres (1600 - 2000 I.E.) Cloth upholstery Sunroof		

The photographs and descriptions contained in this brochure pertain to left-hand-drive Italian specification cars only. Specifications may alter for both standard and optional equipment for vehicles exported to other countries. Please contact your nearest dealer for precise information on standard equipment and optional extras available on Lancia cars imported into your country. In the interest of improvement, Lancia also reserves the right to amend or modify the detail specification at any time and without notice as dictated by marketing or manufacturing standards. Lancia Pubblicità e Immagine - Edition N. 88799332 - Printed in Italy - Industrie Grafiche Rocci - Torino 12/83.

