



Strike TB

105 | 115

Stage V



Top stylish, Best agility.

The new Strike 105 TB and Strike 115 TB Stage V stand out for their extraordinarily sturdy construction, superb stability, low bonnet and mudguards height, extreme simplicity of use and highly configurable choice of transmissions and PTOs: all of which characteristics making these the ideal machines for any agricultural operator, but especially for olive and fruit-growers and horticulture farmers. An exclusive, eye-catching design in keeping with the latest style language of the Lamborghini Trattori brand gives the tractors of the Strike TB family an unmistakable touch of class and elegance which, together with their outstanding performance, sets these machines head and shoulders above their rivals in this class.

Engine

The new FARMotion 45 engines powering the Strike TB family were developed specifically for agricultural use. These powerplants boast a host of innovative solutions such as Common Rail injection, a turbocharger with Intercooler and wastegate and a viscostatic fan, which allow these engines to deliver 106 HP of maximum power on the Strike 105 TB and an impressive 116 HP on the Strike 115 TB. With a maximum engine speed of just 2200 rpm, maximum power available at 2000 rpm and a practically flat torque curve across a broad range of engine speeds, Strike TB tractors deliver superior performance in any task. These engines feature electronic engine management as standard, which also lets the operator set, save and recall engine speeds (e.g. minimum and maximum speed) to simplify headland turn manoeuvres. For reduced maintenance efforts and a nicer sound pattern the engines are equipped with hydraulic valve lifters.

Axles and brakes

The low centre of gravity, ideal weight distribution and wet disc brakes on all 4 wheels translate to a sense of superior safety, stability and total control over the vehicle. The sturdy heavy duty front axle combines extraordinary load capacity with a generous steering angle; while electrohydraulically selected front and rear differential locks as standard maximise traction even in the most critical conditions. Also available is the optional SDD function (Steering Double Displacement) which, when activated from a dedicated button on the dashboard, halves the number of steering wheel turns needed to steer the front wheels completely from lock to lock to maximise agility in restricted spaces.



The base version features a 5 speed mechanical gearbox, 2 ranges and a synchronised reverse shuttle, and offers 10 speeds in both forward and reverse which, with the addition of the optional Hi-Lo module (2-stage Powershift) or supercreeper module increases the number of speeds available to 20+20, while configuring the transmission with both options offers an astonishing 40+40 speeds in total. A hydraulic reverse PowerShuttle, with the Stop&Go function and ComfortClutch button, is also available as an option. This wide choice of configurations, combined with the range of tyre sizes available (with tyres from 24" to 30" for the rear wheels), mean that the tractors equipped with these transmissions can attain a top speed of 40 km/h at engine speeds below 2000 rpm.



The generous choice of PTO configurations maximises the productivity, versatility and fuel efficiency of the Strike TB family. All PTO come with a progressively engaged electrohydraulic clutch as standard, and all standard speed modes are available (540, 540ECO, 1000 and 1000ECO). An optional groundspeed PTO with dedicated output stub shaft allows these tractors to work effectively even with drive axle trailers. Other options include interchangeable splined shafts, for connecting to different types of cardan shaft used on different implements, and a 1000 rpm front PTO, allowing these tractors to be used for tasks calling for the simultaneous use of front and rear mounted implements.



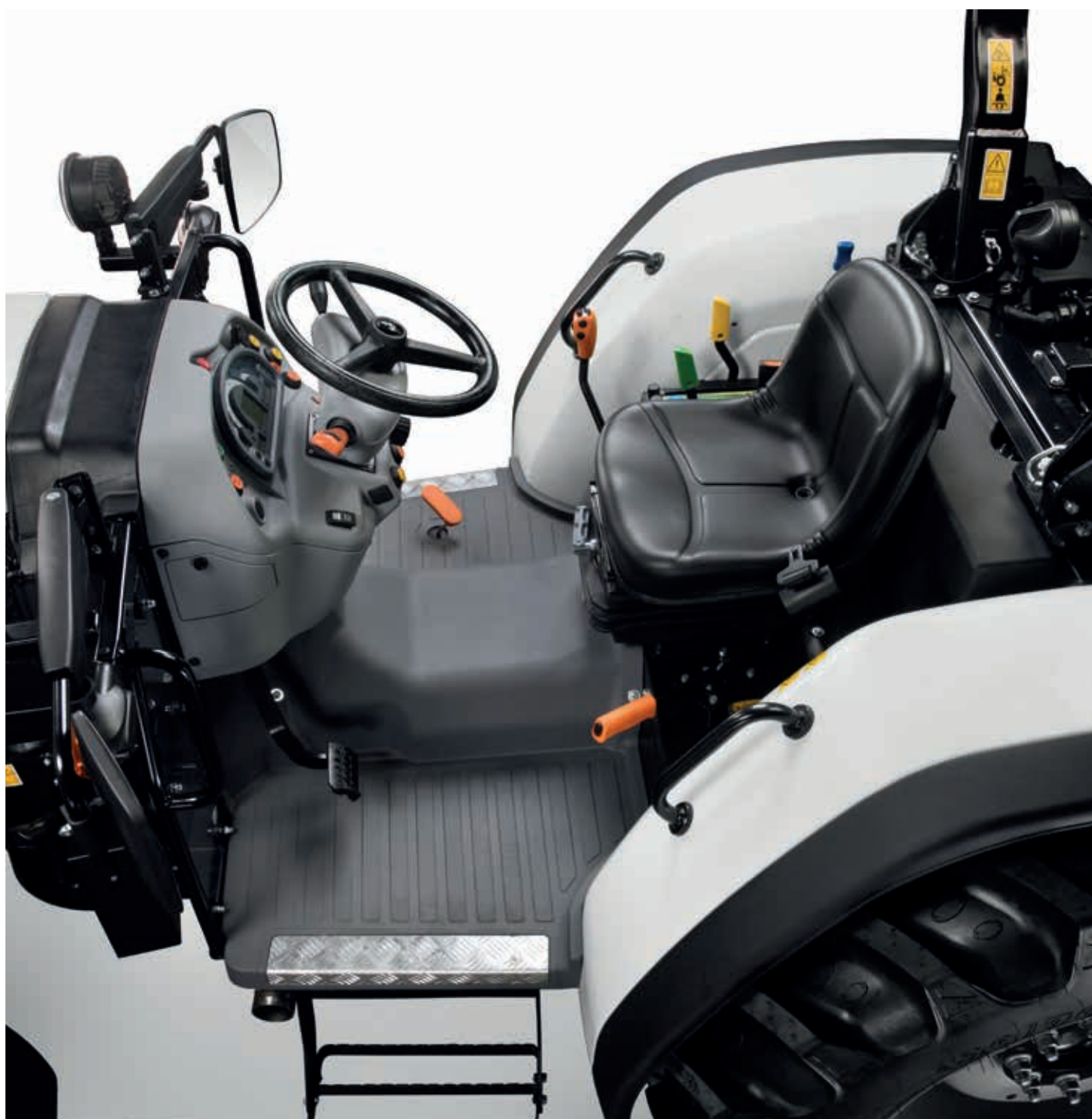
Hydraulics

The hydraulic system equipping the tractors of the Strike TB family comes as standard in a dual pump configuration to ensure a generous oil flow rate to the distributors and lifts without compromising the smoothness and safety of the hydraulic steering system, even when the distributors and lift are in use and at low engine speeds. The rear lift has a capacity of up to 4525 Kg. The upper and lower arms of the 3-point linkage are configurable with either conventional fixed ends or quick hitch couplers. With a maximum capacity of up to 2100 Kg, the optional front lift extends the potential of these extraordinary workhorses even further. Strike TB models are equipped as standard with 4-way mechanically controlled rear distributors, while configurations with up to 6-couplers, complete with push-pull quick connectors and a small oil drip collection tray, are available as options.



The extraordinarily comfortable and user-friendly driver zone features controls organised simply, intuitively and extremely rationally according to Lamborghini Trattori's tried and tested colour coded scheme. The modern and stylish dashboard with a practical digital-analogue display features instruments that are easily legible even in bright ambient light conditions and provides the operator with immediately clear information on the functions

of the tractor. A platform mounted on Silent-Blocks increases on-board vibrational comfort. To offer effective operator protection in case of a rollover, a choice of two different variants of the sturdy rear two-pillar roll bar is offered, with a partially or completely folding upper section to make the tractor easier to store in spaces with limited headroom.



TECHNICAL DATA		STRIKE TB	
		105	115
ENGINE			
Model		FARMotion 45	
Emission level		Stage V	
Cylinders/Displacement	n°/cc	4/3849	
Turbocharger with charge air cooling		■	
Visco cooling fan		■	
Injection @ pressure	Type/bar	Common Rail @ 2,000	
Max. power (ECE R120)	kW/HP	78/106	85/116
Power at rated speed (ECE R120)	kW/HP	74/101	80.6/110
Speed at maximum power	rpm	2000	
Max. engine speed (rated)	rpm	2200	
Max. torque	Nm	433	472
Speed at maximum torque	rpm	1400	
Air filter with dust ejector		■	
Fuel tank capacity	l	85	
AdBlue capacity	l	10	
Oil change interval	Hours	600	
TRANSMISSION			
Model		T4330	
Transmission ratio		1.317	
MECHANICAL SHUTTLE			
Gearbox	n°	5 gears x 2 or 4 ranges	
N° of speed with 2 ranges	n°	10+10	
N° of speed with 2 ranges and 2 Powershift steps	n°	20+20	
N° of speed with 4 ranges	n°	20+20	
N° of speed with 4 ranges and 2 Powershift steps	n°	40+40	
Top speed 40 km/h ECO	rpm	1990*	
POWERSHUTTLE			
Gearbox	n°	5 gears x 4 ranges	
N° of speed with 4 ranges	n°	20+20	
N° of speed with 4 ranges and 2 Powershift steps	n°	40+40	
Stop&Go		■	
Top speed 40 km/h ECO	rpm	1990*	
HYDRAULICS AND LINKAGE			
Pump flow (STD)	l/min	55	
Separate steering pump		■	
Spool valves control	Type	Mechanical	
Hydraulic auxiliary control valves (STD)	n°	2	
Hydraulic auxiliary control valves (OPT)	n°	3	
Rear linkage lifting capacity (STD)	Kg	3600	
Rear linkage lifting capacity (OPT)	Kg	4525	
Rear linkage lift category		II	
External operation on rear fenders		□	
Front linkage		□	
Front linkage lifting capacity	Kg	2100	
Oil change interval	Hours	1200	
PTO			
Rear PTO 540/540ECO		■	
Rear PTO 540/540ECO/1000/1000ECO		□	
Groundspeed PTO with independent shaft		□	
Front PTO 1000		□	
AXLES AND BRAKES			
Electro-hydraulic differential lock 100%		■	
Steering Double Displacement SDD		□	
Steering angle	degrees	50	
Mechanical parking brake		■	
Hydraulic trailer brake with Dual Mode function		□	
ABS socket		□	
ELECTRICAL SYSTEM			
Voltage	V	12	
Standard battery	V/Ah	12/88	
Alternator	V/A	12/65	
Starter motor	V/kW	12/3.5	
External socket		■	
DRIVING POSITION			
Platform with tunnel		■	
2-post foldable safety frame		■	
Mounted on Silent-Block		■	
Driver seat with mechanical suspension		■	
Height adjustment of steering column		■	
2x repeater/work lights on dashboard		□	
1x Beacon light LED		□	
LED driving light		□	
Large rear mirrors installed in front of drivers platform		□	

* engine rpm at max. speed varies according to rear tyre size

STD ■ OPT □ Not available -


TECHNICAL DATA		STRIKE TB	
		105	115
DIMENSIONS AND WEIGHTS			
With front tyre	Size	300/70 R20	
With rear tyre	Size	420/70 R24	
Wheelbase	mm	2400	
Max. length	mm	4117	
Total height - ROPS	mm	2395	
Height at bonnet	mm	1470	
Height at mudguards	mm	1364	
Width	mm	1940	
Weight	Kg	3400	
Total admissible load	Kg	6400	

STD OPT Not available -

* According to rear tyres size.

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Lamborghini Trattori is a brand of  SDF

