



# SPIRE F/S/V TARGET

80

Stage V



## SPIRE F 80 TARGET

## SPIRE S 80 TARGET

## SPIRE V 80 TARGET

## TECHNICAL DATA

ENGINE			
Type			FARMotion 35
Emission level			Stage V
Aspiration			Turbo Intercooler
Injection @ pressure	Type		Common Rail@2.000 bar
Cylinder / Displacement	n°/cc		3/2887
Max. power (ECE R120)	kW/hp		55.8/76
Power at rated engine speed (ECE R120)	kW/hp		55.2/75
Max torque @1.500 rpm	Nm		341
Fuel tank capacity (with front lift/PTO)	l		55 (35)
Fuel tanks capacity with additional fuel tank (with front lift/PTO) - Spire F Target	l		95 (75)
Fuel tanks capacity with additional fuel tank (with front lift/PTO) - Spire S/V Target	l		85 (65)
TRANSMISSION - MECHANICAL SHUTTLE			
Number of speeds - 5 gears transmission			30+15 (with mechanical splitter) or 45+45 (with HML 3-Powershift steps)
Max. speed - 5 gears transmission	km/h		40 ECO*
TRANSMISSION - POWERSHUTTLE			
Number of speeds - 5 gears transmission			30+15 (with mechanical splitter) or 45+45 (with HML 3-Powershift steps)
Max. speed - 5 gears transmission	km/h		40 ECO*
PTO			
PTO speeds			540/540E or 540/540E/1000
Groundspeed PTO			<input type="checkbox"/>
Front PTO 1000			<input type="checkbox"/>
LIFT			
Mechanical rear lift			<input checked="" type="checkbox"/>
Electronic rear lift			<input type="checkbox"/>
Rear lift capacity - Spire F Target	Kg		2800
Rear lift capacity - Spire S/V Target	Kg		2600
Hydraulic right tie rod and stabilisers			<input type="checkbox"/>
Front lift (1500 kg)			<input type="checkbox"/>
HYDRAULICS			
Open centre hydraulic system (STD)	l/min		54
Open centre hydraulic system with double pump (OPT)	l/min		64
Rear spool valves (STD)	n°		3
Flow regulator			<input checked="" type="checkbox"/>
Rear free return			<input checked="" type="checkbox"/>
Mid-mounted hydraulic ways - duplicated from rear (OPT)	n° of ways		2/4
Mid-mounted free return			<input type="checkbox"/>
BRAKES			
4 wheel braking			<input checked="" type="checkbox"/>
Hydraulic trailer brake			<input type="checkbox"/>
FRONT AXLE			
Electrohydraulic engagement for 4WD and Diff.Lock			<input checked="" type="checkbox"/>
Auto 4WD			<input type="checkbox"/>
Independent steering pump			<input checked="" type="checkbox"/>
INDEPENDENT FRONT SUSPENDED AXLE (OPT)			
Adaptive-Damping, Active Self-Levelling functions			<input checked="" type="checkbox"/>
Anti-Dive, Anti-Roll functions			<input checked="" type="checkbox"/>
Differential Traction Control (DTC)			<input checked="" type="checkbox"/>
CAB			
4-post cab			<input checked="" type="checkbox"/>
Driver seat with pneumatic suspension			<input checked="" type="checkbox"/>
Air conditioning			<input type="checkbox"/>
4x Halogen working lights			<input type="checkbox"/>
Adjustable steering column			<input type="checkbox"/>
PLATFORM (Spire F Target)			
2-post foldable ROPS			<input type="checkbox"/>
Driver seat with mechanical suspension			<input checked="" type="checkbox"/>

STD  OPT  Not available -

\* According to rear tyres size. ECO only for Spire F Target and Spire S Target

TECHNICAL DATA		SPIRE F TARGET	
DIMENSIONS			
With front tyre	Size	300/70 R20	
With rear tyre	Size	420/70 R28	
Wheelbase	mm	2011	
Max. length	mm	3680	
Total height - CAB	mm	2396	
Height at bonnet	mm	1453	
Width	mm	1624	
Weight - platform	Kg	2730	
Weight - CAB	Kg	2995	
Total admissible load	Kg	5000	

TECHNICAL DATA		SPIRE S TARGET	
DIMENSIONS			
With front tyre	Size	280/70 R18	
With rear tyre	Size	380/70 R28	
Wheelbase	mm	2050	
Max. length	mm	3695	
Total height - CAB	mm	2371	
Height at bonnet	mm	1503	
Width	mm	1380	
Weight - CAB	Kg	2850	
Total admissible load	Kg	4600	

TECHNICAL DATA		SPIRE V TARGET	
DIMENSIONS			
With front tyre	Size	180/95 R16	
With rear tyre	Size	280/85 R24	
Wheelbase	mm	2050	
Max. length	mm	3695	
Total height - CAB	mm	2271	
Height at bonnet	mm	1483	
Width	mm	1166	
Weight - CAB	Kg	2830	
Total admissible load	Kg	4600	

# Highlights

The Spire F/S/V Target range is designed to ensure high efficiency and low costs of ownership. The wide selection of options, makes this tractor customisable according to the needs of each single vine-grower and fruit-grower. This series is available with a choice of widths from 1.16 to 1.65 m, in cab or platform version and with a simple mechanical transmission or with the most complete HML gearbox with 45+45 speeds. The shortest wheelbase in the market completes the work, providing the maximum levels of agility and manoeuvrability.

## FARMOTION 35 ENGINE

The new 3 cylinder FARMotion 35 engine has been developed specifically for agricultural applications. The compact exhaust after-treatment system - in this power rating - uses only EGR, DOC and DPF technologies which do not require periodic maintenance and the refill of additional fluids (AdBlue). This, combined with the extended oil service interval and the high fuel efficiency due to high-pressure Common Rail, makes the Spire F/S/V Target extremely easy and cost efficient to maintain.

## TRANSMISSION

There's a choice of different shuttle variants, letting customers opt for either a conventional mechanical reverse shuttle or a hydraulic reverse shuttle. In any case, the 5-gears transmission can be configured with a mechanical splitter (providing a total number of speeds of 30+15) or with 3-Powershift steps, resulting in 45 speeds available both in forward and reverse direction.

## DRIVING POSITION

The cab equipping Spire F/S/V Target tractors offers outstanding levels visibility in each direction, thanks to the 4-post structure. High levels of comfort are ensured by the air conditioning and the driver seat with pneumatic suspension, while a practical smartphone holder with 2-USB plugs makes the daily work easier. The widest version - the Spire F Target - is even available with an open platform with a 2-post foldable ROPS.

## HYDRAULICS

3 distributors with flow regulator and a free return coupler are available as standard at the rear of the tractor, while up to 4 duplicated hydraulic mid-mounted couplers with an additional mid mounted free return are available as an option. All the hydraulic couplers are fed by either a 54 l/min pump or a dual pump system capable of delivering up to 64 l/min of oil. Irrespective of the pump capacity, the hydraulic steering system is fed by a secondary system completely independent of the main hydraulic system which feeds the distributors and lift.

## AXLES

As an alternative to the conventional swing front axle, the Spire F/S/V Target tractors are also available with a front axle with independent articulated quadrilateral suspension and active damping control, which optimises comfort, safety and pulling capacity. True 4-wheel braking, with brakes on all four wheels, is standard, while the Auto 4WD function is available as an option to make headland turns quicker and less tiring. Overall widths range from 1.45 m to 1.65 m for Spire F Target, 1.26 to 1.47 m for Spire S Target, 1.16 to 1.31 for Spire V Target.



[www.lamborghini-tractors.com](http://www.lamborghini-tractors.com)



Lamborghini Trattori is a brand of  SDF

