

VP 7000-9000

EQUAL-WHEELED TRACTORS WITH REVERSIBLE DRIVING POSITION
IS - AR



ENGLISH



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VALPADANA

VP 7000 AND VP 9000 SERIES: THE TOP OF THE LINE



The VP 7000 AND VP 9000 Series complete the Valpadana's range of compact, equal-wheeled specialty tractors in the 65 to 95 hp power segment. All models feature a reverse drive system and are available in cab and platform configurations. This tractor range combines a high level of performance, safety and reliability with an ergonomic design that enhances operator comfort.

Both series come standard with equal-size wheels and reversible driving position and are offered in two versions: IS with two-wheel steering, and AR with articulated steering. All models in the range are powered by the new FPT 3.2L, 4-cylinder turbo engines meeting Tier 3 emission regulations.

Specifically designed to meet the needs of professional farmers, the VP 7000 tractors are ideally suited for vegetable and specialty crops. The 7070 and 7080 models deliver 65 and 75 hp, respectively. The VP 9000 Series sets the benchmark for high-end equal-wheel tractors. Built to offer a highly professional and specialized solution, this series has been developed through an industrial and production synergy between Valpadana and Argo Tractor to meet the demands of the specialty tractor market. The 9095 and 90105 models offer power ratings of 88 and 95 hp.

7070-7080 / 9095-90105 IS: with equal-sized wheels, reversible driving position and two-wheel steering

The IS version features four equal-sized wheels, a two-wheel steering system and a reversible driving position, making it ideal for operating in reverse with push-type implements such as fork lifts, shredders and front mowing bars. Combining outstanding traction and excellent visibility, this version is perfect for shallow tillage operations in vineyards and orchards. In addition, its ultra-low centre of gravity allows this tractor to work on steep slopes, such as terraced fields and hillside cultivations, in complete safety. The driving position with rotating platform and suspended pedals can be easily reversed in a few seconds. The ergonomic arrangement of all controls, combined with the comfort of the reversible driving position and the joystick control of the auxiliary hydraulic system, converts these tractors into true multi-functional implement carriers for all-season use.

7070-7080 / 9095-90105 AR: with equal-sized wheels, reversible driving position and articulated steering

The AR version features four equal-sized wheels, an articulated steering system and a reversible driving position that make these tractors ideally suited for operations in reverse-drive mode within narrow rows. This version has a single cardan shaft connecting engine and transmission, resulting in an ultra tight inside turning radius. The driving position with rotating platform and suspended pedals can be easily reversed in a few seconds. The ergonomic arrangement of all controls and the comfort of the optional air-conditioned cab, combined with the joystick control of the auxiliary hydraulic system, makes these tractors unbeatable for vineyard and orchard operations.





FPT TIER 3 ENGINES

The VP 7000-9000 tractor range is powered by direct-injection engines that deliver high performance while ensuring low fuel consumption and reduced noise levels.

★ *All models feature FPT 3.2L, 4-cylinder turbo engines meeting Tier 3 emission standards. The 7070 and 7080 models deliver 65 and 75 hp, respectively, while the 9095 and 90105 models offer power ratings of 88 and 95 hp. The hood matching the Valpadana family styling opens wide to provide easy access to the engine compartment for routine maintenance and radiator cleaning.*





16/16 Transmission



All versions in the VP 7000 and VP 9000 Series feature a transmission with four synchronized gears and four creep speed ranges. Incorporated is a synchro shuttle that provides 16 forward and 16 reverse gears and allows working speeds from 800 m/h to 40 km/h.

The synchro shuttle features a De-Clutch button [D] that allows the operator to automatically shift from forward to reverse without use of the clutch pedal. A shuttle modulation control integrated into the dashboard allows adjustment of power shuttle response to suit working conditions for improved operator comfort.

All gear levers are located in the middle of the rotating platform for a comfortable and intuitive control of the tractor in both forward and reverse direction.

The differential lock and the four-wheel drive are controlled electro-hydraulically via pushbuttons located on the dashboard. The VP 7000 and VP 9000 tractors feature as standard a 1 3/8-inch rear PTO with two speeds 540/540E rpm plus a ground speed PTO. A clutch controlled electro-hydraulically via a pushbutton on the dashboard enables smooth and modulated engagement of the PTO, ensuring a soft start-up of the implement.

DASHBOARD

Bright and easy to read, the dashboard keeps the operator constantly informed on the tractor's performance. The control panel also displays information on area worked, current PTO speed and fault self-diagnosis.



CUSTOM-MADE REAR HITCH

Specially designed to meet a wide range of application needs, the rear hitch provides a maximum lift capacity of 2300 Kg and allows user to select between a variety of functions: raise/lower control, draft and position control, electronic joystick control.

★ *The 3-point hitch Category II can be equipped with various types of lower links: fixed or extendable, with fixed or adjustable quick-release couplings, with side shift. A hydraulic top link and a hydraulic right lift rod are available on request.*

KEY FEATURES AND BENEFITS

- ★ *High-performance engines with excellent fuel economy and low noise*
- ★ *Transmission with 16FWD+16REV gears and speed range from 800 m/h to 40 km/h*
- ★ *Synchro shuttle with De-Clutch button for quick shifting from forward to reverse*
- ★ *High angle of oscillation between the front and rear axle for greater traction and improved stability*
- ★ *Ultra tight turning circles for easy manoeuvring in confined spaces*
- ★ *Easy and quick reversing of driving position*
- ★ *Controller to operate hitch and remote valves*
- ★ *Spacious and comfortable cab with ergonomic controls in both ways*



AUXILIARY HYDRAULIC SYSTEM WITH UP TO 50 L/MIN FLOW RATE AND HEAT EXCHANGER

The steering system and the auxiliary hydraulic system are served by two separate pumps that provide 31 l/min and 50 l/min, respectively.

- ★ *The wide variety of customization options available, the large capacity of the hydraulic oil reservoir and the efficiency of the heat exchanger make these tractors ideal for the use of hydraulic implements.*

- ★ *To improve performance and efficiency, the tractors can be equipped with up to four double-acting remote valves and two single-acting remote valves, including one with variable flow for the use of hydraulic motors.*

All remotes are controlled electronically through a proportional controller [L] ideal to operate implements such as hydraulic forklifts and vine trimmers.



BRAKING SYSTEM: SAFETY COMES FIRST!

All models in the range feature hydraulically-operated wet disc brakes ensuring efficient braking on all four wheels for maximum safety in the field, as well as when travelling on road at top speed.

- ★ *The emergency and service brake located beside the dashboard operates directly on the transmission pinion through a cable device.*



Highly precise steering system

Thanks to a tilted steering axis and a pair of double-acting cylinders connected by a tie bar, which provide differential steering angles between inner and outer wheel, the IS version offers an inside turning radius of only 2.8 m, which can be further reduced

by disconnecting the front-wheel drive and/or using the steering brakes.

The AR articulated version features a single cardan shaft between engine and transmission.

This increases the frame tilt angle, resulting in an inner turning radius of

only 1.65 m without additional noise or soil damage.

Both steering systems are hydraulically assisted by a servo unit fed by a pump with a 31 l/min flow rate which does not interfere with other hydraulic functions.



OSCILLATING CHASSIS FOR MAXIMUM UPTIME AND SAFETY

The special configuration of the chassis with front engine overhang ensures perfect balance of the tractor-implement system and allows both the wheelbase and turning radius to be reduced. This enables the front and rear axles to oscillate independently of each other by 15 degrees upwards and downwards to always keep the wheels in contact with the ground.

This design makes for a low centre of gravity and lowered driving position, allowing the tractor to work under overhead trellis systems with the operator in standing position, as well as to operate on steep slopes in complete safety.

★ *The rollover index of the VP 7000 and VP 9000 tractors exceeds by far the tyre side grip, ensuring perfect balance and total safety under all conditions.*

Reversible driving position with iso-mounted platform

Featuring a rotating platform, suspended pedals and a seat with piston support, the driving position can be changed from forward to reverse in a few seconds.

Driving the tractor backwards when using rear implements improves visibility and reduces wrong manoeuvres, resulting in increased average working speed. This makes reverse drive indispensable for the use of implements such as hydraulic forklifts, vine trimmers and mowing bars.

The driving position is iso-mounted and perfectly sealed to ensure the operator a clean and quiet working environment. To simplify extraordinary maintenance operations, all connections between the driver's platform and the tractor frame have been designed to make platform removal quick and easy.





Optional cab

The VP 7000 and VP 9000 tractor series can be both equipped with a cab. Featuring a one-piece frame, the cab offers the operator a modern and spacious working environment both in forward and reverse drive modes.

The comfortable and quiet cab interior and the driver seat with air suspension system ensure safe and stress-free operation during long working days.

In addition, four roof-mounted work lights provide excellent illumination for night work.

A highly-efficient ventilation and air-conditioning system provides a safe and clean environment and maintains the desired cab temperature whatever the outdoor weather conditions.



		7070 IS - AR	7080 IS - AR	9095 IS - AR	90105 IS - AR
ENGINE		(TIER 3)	(TIER 3)	(TIER 3)	(TIER 3)
MANUFACTURER		FPT	FPT	FPT	FPT
DIRECT INJECTION		MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL
MODEL		F5A	F5A	F5A	F5A
MAXIMUM POWER ISO RATING	HP / KW	65.3 / 48	74.8 / 55	88 / 65	95.2 / 70
RATED SPEED	RPM	2300	2300	2300	2300
MAXIMUM TORQUE	NM	265	310	350	390
MAXIMUM TORQUE SPEED	RPM	1250	1250	1300	1250
DISPLACEMENT	CM ³	3200	3200	3200	3200
CYLINDERS / VALVES		4 TURBO / 8	4 TURBO / 8	4 TURBO / 8	4 TURBO / 8
WATER COOLING		●	●	●	●
FUEL TANK CAPACITY	L	60	60	60	60
REVERSE SHUTTLE					
SYNCHRO SHUTTLE WITH DE-CLUTCH BUTTON		●	●	●	●
WET MULTI-DISC CLUTCH		●	●	●	●
TRANSMISSION					
STANDARD GEARBOX 16FWD+16REV		●	●	●	●
MAXIMUM SPEED 40 KM/H		●	●	●	●
POWER TAKE-OFF					
ENGAGEMENT		ELECTROHYDRAULIC	ELECTROHYDRAULIC	ELECTROHYDRAULIC	ELECTROHYDRAULIC
2 SPEEDS 540/540E RPM		●	●	●	●
GROUND SPEED PTO		●	●	●	●
FRONT AXLE					
FOUR-WHEEL DRIVE		ELECTROHYDRAULIC ENGAGEMENT	ELECTROHYDRAULIC ENGAGEMENT	ELECTROHYDRAULIC ENGAGEMENT	ELECTROHYDRAULIC ENGAGEMENT
MAX. OSCILLATION ANGLE		± 15°	± 15°	± 15°	± 15°
ELECTROHYDRAULIC DIFFERENTIAL LOCKS		●	●	●	●
BRAKES					
CONTROL		HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
REAR WET DISC BRAKES		●	●	●	●
FRONT WET DISC BRAKES		●	●	●	●
HYDRAULIC POWER LIFT					
RAISE/LOWER/FLOAT CONTROL [STD]		DRAFT AND POSITION CONTROL [OPT]			
LIFT CAPACITY		KG 2300	KG 2300	KG 2300	KG 2300
HYDRAULIC PUMP FLOW [HITCH+ STEERING SYSTEM]		L/MIN 50 + 31	L/MIN 50 + 31	L/MIN 50 + 31	L/MIN 50 + 31
STANDARD 3-POINT HITCH WITH QUICK COUPLINGS		CAT. II	CAT. II	CAT. II	CAT. II
TWO-WAY ADJUSTABLE 3-POINT HITCH WITH QUICK COUPLINGS		○	○	○	○
NO. 2 REAR REMOTE VALVES [1DA + 1DA W/FLOAT FUNCTION]		●	●	●	●
NO. 4 REAR REMOTE VALVES [2DA + 2DA W/FLOAT FUNCTION]		○	○	○	○
JOYSTICK FOR PROPORTIONAL CONTROL OF HYDRAULIC SYSTEM		○	○	○	○
DRIVING POSITION					
ISO-MOUNTED PLATFORM		●	●	●	●
AUTOMATICALLY REVERSIBLE DRIVING POSITION		●	●	●	●
AIR SUSPENSION SEAT		●	●	●	●

Key: ● = standard; ○ = optional;; – = not available

		7070 IS - AR	7080 IS - AR	9095 IS - AR	90105 IS - AR
CAB					
CLOSED HEATED CAB		○	○	○	○
AIR-CONDITIONING		○	○	○	○
WEIGHTS (IN RUNNING ORDER WITHOUT DRIVER)					
TOTAL		KG 2360 [IS] - 2200 [AR]	2360 [IS] - 2200 [AR]	2360 [IS] - 2200 [AR]	2360 [IS] - 2200 [AR]
DIMENSIONS					
A - OVERHANG	MM	1260	1260	1260	1260
B - WHEELBASE	MM	1495	1495	1495	1495
C - OVERALL LENGTH	MM	3735	3735	3735	3735
D - GROUND CLEARANCE	MIN/MAX MM	310 / 295	310 / 295	310 / 295	310 / 295
E - HEIGHT TO STEERING WHEEL	MM	1265	1265	1265	1265
F - HEIGHT TO ROPS	MIN/MAX MM	2455 / 2425	2455 / 2425	2455 / 2425	2455 / 2425
G - HEIGHT TO REAR ROPS	MM	1400	1400	1400	1400
H - HEIGHT OVER CAB	MM	2200	2200	2200	2200
DIMENSIONS WITH VARIOUS TYRE COMBINATIONS					
I - FRONT / REAR TRACK	MIN/MAX MM	1106/1490 [IS] 892/1198 [AR]	1106/1490 [IS] 892/1198 [AR]	1106/1490 [IS] 892/1198 [AR]	1106/1490 [IS] 892/1198 [AR]
L - FRONT / REAR WIDTH	MIN/MAX MM	1393/1750 [IS] 1179/1513 [AR]	1393/1750 [IS] 1179/1513 [AR]	1393/1750 [IS] 1179/1513 [AR]	1393/1750 [IS] 1179/1513 [AR]

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TURNING RADIUS		IS	AR
WITH FRONT TYRES		320/70R20	11.2R20
WITH REAR TYRES		320/70R20	11.2R20
INNER RADIUS	M	2,80	1,65
OUTER RADIUS	M	4,45	2,90
WITH TRACKS	MM	1354	972

IS - ADJUSTABLE WHEEL RIM FRONT / REAR
11.2 R20
280/70 R18
300/70 R20
320/65 R18
320/70 R20
440/50 R17

AR - ADJUSTABLE WHEEL RIM FRONT / REAR
11.2 R20
280/70 R18
300/70 R20
320/65 R18
320/70 R20
440/50 R17

IS / AR - SOLID RIM FRONT / REAR
31X15.50-15 GARDEN
33X15.50-15 GARDEN

