

VIVID 400



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Much more advantages



STRENGTH

- **RIGID CHASSIS WITH STEERING WHEELS** to fulfil the requirements of farms engaged in specialised agriculture, greenhouse, nursery cultivation, hobby-farmer and greens maintenance.
- **4 CYLINDER, 35 HP LOMBARDINI ENGINE**, liquid cooled, with high driving torque at low engine speeds.



COMFORT

- **COMFORTABLE DRIVER'S SEAT** with easily operated ergonomic controls.
- **TRANSMISSION WITH 24 SPEEDS SYNCHRONIZED GEARBOX** and synchronized reverser for quick changes of direction.



AGILITY

- **TURNING RADIUS OF 2.70 M ONLY** guaranteed by short wheelbase and hydrostatic steering.
- **EPICYCLIC REDUCTION UNITS ON REAR WHEELS** to reduce overall dimensions and maximize torque transmission.



SAFETY

- **4WD**, rear differential lock and multidisc in oil bath brakes for total operational safety.
- **ROLL-BAR** with gas spring for an easy lowering and lifting.



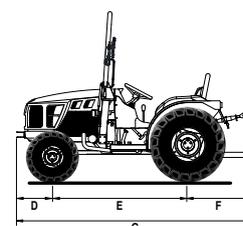
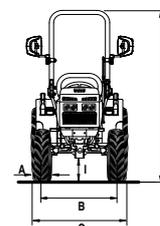
MULTIFUNCTIONALITY

- **MAIN OPTIONAL:** rear lift with position and draft control, under-belly PTO, front lift with front PTO, Garden tyres.



TECHNICAL FEATURES	VIVID 400
ENGINE	Lombardini LDW 1404
Number of cylinders	4
Displacement (cm³)	1,372
Intake	Natural
Power (kW/HP)	25.3 / 34.4
Rated speed (rpm)	3,400
Maximum torque (Nm/rpm)	83 / 2,200
Cooling	Liquid
Tank capacity (lt)	26
CHASSIS	Rigid with steering wheels
DRIVE	Four-wheel drive with disengageable front axle
TRANSMISSION	24 speeds synchronized gearbox (12 FWD and 12 REV) with synchronized reverser
Transmission clutch	Dual-disc with pedal control for gearbox - Hand lever control for the PTO
DIFFERENTIAL LOCK	Mechanically controlled rear differential lock
AXLES	Front axle: steering, portal axle with bevel drive gear set and lateral reduction units - Rear axle: with epicyclic reduction units
REAR PTO	Independent from the gearbox, 540 r.p.m. and synchronized with forwarding speed
Engagement control	Mechanical
HYDRAULIC SYSTEM	
Flow rate to the hydroguide, lift and the control valves (lt/min)	21.7
Maximum hydraulic pressure (bar)	110
REAR CONTROL VALVES	Mechanical control
Standard	1 double acting
Optional and in addition to the standard ones	1 single acting and 1 double acting with float or 2 double acting (Hydraulic lift by rams) 1 single acting or 1 double acting (Draft and position control)
ELECTRIC SYSTEM	Battery: 45 Ah / 12 V - Alternator: 30 A
Rear power outlet	7 pin
REAR LIFT	Standard: by two external rams - Optional: draft and position control
Three-point hitches	Standard couplers cat. 1
Three-point tie bar	With manual adjustment
Ball joint lifting capacity (kg)	700
FRONT LIFT (optional)	With front and under-belly PTO at 2,000 r.p.m.
Lifting capacity (kg)	350
SEAT	Standard: padded, suspended seat with adjustable spring action, safety belt. Optional: 'Kab Seating'
SERVICE BRAKES	Multidisc, in oil bath
Parking brake	Acting on service brakes
STEERING	Hydrostatic steering acting on front wheels
SAFETY	Front homologated roll-bar with gas spring for an easy lowering and lifting
INSTRUMENT PANEL	With fuel level, engine coolant temperature, engine speed, working time indicators, warning lights
TYRES (standard)	Front: 6.5/80-12 * Rear: 250/80-18
Optional	Front: 23x8.50-12 * Rear: 280/70R18 Front: 7.00-12 * Rear: 300/70R20 Front: 25x8.50-14 * Rear: 36x13.50-15 Garden
TOW HOOKS (standard)	Front tow hook - Rear tow hook with adjustable height
Optional	Rear tow hook, EC approved
WEIGHT in order of speed with roll-bar (kg)	1,100
OPTIONAL	Steering wheel with adjustable height, under-belly PTO at 2,000 r.p.m., adjustable rear working light, flash light set, front weights kg. 60, weights for rear wheels kg. 45 each

	6.5/80-12	250/80-18	23x8.50-12	280/70R18	7.00-12	300/70R20	25x8.50-14	36x13.50-15
	Front	Rear	Front	Rear	Front	Rear	Front	Rear
A Tyre width (mm)	165	240	213	282	192	286	213	381
B Wheel track min/max (mm)	868 / 1104	791 / 1107	932 / 1044	779 / 1119	830 / 1146	671 / 1227	960 / 1016	907 / 991
C Width min/max (mm)	1033 / 1269	1031 / 1347	1145 / 1257	1061 / 1401	1022 / 1338	1159 / 1513	1173 / 1229	1288 / 1372
	D	E	F	G	H max	I min/max		
mm	424	1553	730	2707	2505	206 / 246		



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