

4090 G 4100 G



- + HYDRAULIC CIRCUIT FLOW RATE
43+50 LITERS
- + OPTIMUM WEIGHT BALANCE
- + VERSATILE, WITH HIGH AND
LOW CLEARANCE VERSIONS
- + 63% TORQUE RESERVE
- + COMFORTABLE DRIVING:
PLATFORM ON "SILENT BLOCKS"
AND "OVERVIEW" CAB WITH A/C



THE NEWLY DESIGNED "ORCHARD" TRACTOR.

Easily handled, comfortable and created for all-purpose use: the new range of tractors for integral orchard management are all this and more. Available in two versions, the 4100 G with the 95,2 hp Turbo intercooler engine, 4090 G with the 81,3 hp Turbo engine. The 4000 G series can reach a maximum speed of 40 Kph. The salient features of the range are: the "2 in 1" transmission, with Dual Power and reverse shuttle, both synchronized, integral braking on all four wheels, the rear power lift with its generous lifting capacity and the front axle with a steering angle of over 57°.

4090 G

4100 G

Type		Diesel Direct injection STEP3A	
Power rating	kW(hp)	60 (82)	70 (95)
Nominal rate	rpm	2600	2600
N° Cylinders	n°	4 turbo	4 turbo intercooler
Cooling		Water	
Swept volume	cc	2970	2970
Torque reserve		25%	63%
Tank capacity	lt	60	60

N° Speeds		40 speeds, a lever can be used to select the 8+8 transmission with synchronized reverse shuttle or the 16+8 transmission with synchronized Dual power (-20%)	
Main clutch		11" diameter dry clutch	
Reverse Shuttle		Synchronized	
Front differential lock		Electro-hydraulic	
Rear differential lock		No Spin	
Speed	Kph	40	

Type of brakes		Oil-cooled multiple-plate	
Type of steering		Hydrostaticcon valvola Load sensing	
Steering angle		57°	

Type		1000 g/1'	
Clutch		Electromagnetic	
Control		Electric	

Type		With two independent speeds, 540/750 rpm, and synchronized with all the gearbox speeds	
Clutch		Dry disc type	
Control		Mechanical	

Type		Single-acting	
Lifting capacity	Kg	1000	
3 point hitch		Class 1 e 1N	

Type		Position and draft control	
Lifting capacity	Kg	2500	
3 point hitch		Class 1 e 2	

Pump flow rate	lt/min	45	45
Front hydraulic control valves		Max. 3, single/double-acting (max. 2 in case of tractor equipped with front lift)	
Rear hydraulic control valves		3 en bloc SCV/de double acting valves - detent in floating position and auto kick-out	

Platform		Integral supported by silent-block	
Safety frame		Yes	
Instruments		Digital	
Driver's seat		On elastic suspensions	
Cab heated and air conditioned		Yes	
Openable front and rear door		Yes	
Tow hook		Class C	

		LOW	HIGH	LOW	HIGH
Length	mm	3348	3348	3348	3348
Width min. and max.	mm	1472 - 1800	1547 - 1800	1472 - 1800	1547 - 1800
Height to safety frame	mm	2253	2346	2253	2346
Height to cab	mm	2184	2273	2184	2273
Ground clearance min. and max.	mm	270	360	270	360
Wheelbase	mm	1948	1968	1948	1968
Front track min. and max.	mm	1162 - 1458	1181 - 1459	1162 - 1458	1181 - 1459
Rear track min. and max.	mm	1102 - 1450	1132 - 1510	1102 - 1450	1132 - 1510
Min. turning radius	m	2,9	2,9	2,9	2,9
Weight with safety frame	Kg	2280	2300	2280	2300
Weight with cab	Kg	2450	2470	2450	2470

Front - Rear (Standard)	Rear 380/70x20" Front 240/70x16"	Rear 380/70x24" Front 280/70x16"	Rear 380/70x20" Front 240/70x16"	Rear 380/70x24" Front 280/70x16"
	Rear 320/70x24" Front 240/70x16"	Rear 420/70x24" Front 280/70x18"	Rear 320/70x24" Front 240/70x16"	Rear 420/70x24" Front 280/70x18"
	Rear 360/70x24" Front 260/70x16"		Rear 360/70x24" Front 260/70x16"	
	Rear 380/70x24" Front 280/70x16"		Rear 380/70x24" Front 280/70x16"	

Low Profile High Profile Optional * The data are calculated with 380/70R24 low profile and tyre 420/70R24 high profile

ENGINE

TRANSMISSION

BRAKES AND STEERING

FRONT PTO

REAR PTO

FRONT POWER LIFT

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES