

# 4090 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 maneuverable, 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 and 4090 G with the 81,3 hp Turbo engine, the 4000 G series can reach a maximum speed of 40 Kph. The highlights of the series 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		ENGINE
Type		Diesel Direct injection STEP 3A				
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%)				TRANSMISSION
Main clutch		11" diameter dry clutch				
Reverse Shuttle		Synchronized				
Front differential lock		Electro-hydraulic				
Rear differential lock		No Spin				
Speed	Kph	40				BRAKES AND STEERING
Type of brakes		Oil-cooled multiple-plate				
Type of steering		Hydrostaticcon valvola Load sensing				
Steering angle		57°				FRONT PTO
Type		1000 g/1'				
Clutch		Electromagnetic				
Control		Electric				REAR PTO
Type		With two independent speeds, 540/750 rpm, and synchronized with all the gearbox speeds				
Clutch		Dry disc type				
Control		Mechanical				FRONT POWER LIFT
Type		Single-acting				
Lifting capacity	Kg	1000				
3 point hitch		Class 1 e 1N				REAR POWER LIFT
Type		Position and draft control				
Lifting capacity	Kg	2500				
3 point hitch		Class 1 e 2				HYDRAULIC CIRCUIT
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				DRIVER'S AREA
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"	TYRES
		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