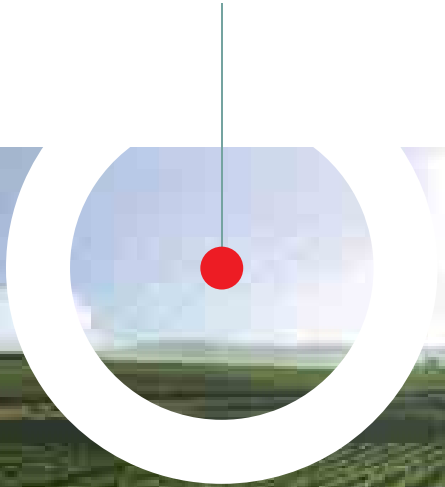




ARBOS



GLOBAL PRODUCT RANGE
Specialized Tractors



GLOBAL PRODUCT RANGE

Specialized Tractors

ARBOS

COMPANY PROFILE

High-tech, environmentally sensitive, uncompromising design: ARBOS, the new brand which is ambitiously taking on the world market, is proceeding apace to complete its full product line, adding a complete, efficient and cutting-edge range of agricultural equipment to its range of tractors. ARBOS industrial design guidelines are clearly identifiable:

- ITALIAN TRADITION
- CUTTING-EDGE DESIGN
- ENVIRONMENTALLY SENSITIVE
- A PASSION FOR DESIGN



ARBOS has inherited the values of a long-standing and glorious Italian brand, bringing its strengths up to date, taking advantage of significant economies of scale, focusing on excellence in design and bringing everything together with an original, award-winning style*. The prerequisites for success are all present and are actively pursued with commitment and conviction, aiming at reaching a level of quality which alone can guarantee long-lasting and all-encompassing success.

This is what we call "Techno - Green" approach, the cornerstone of our corporate philosophy.

Now the road has finally been paved and the new, rapidly evolving full-line product range, entirely manufactured in our two production plants in San Vito al Tagliamento and Carpi, is making a powerful advance on the domestic and international markets.

All models stand out for their comfort, practicality, style, excellent performance, green credentials and ease of use: Italian design and manufacturing has never been so smart, mixing spot-on design, execution and respect for the surrounding environment.

All this with a keen eye towards reducing purchasing, running and maintenance costs.

We are a blend of expertise, tradition and modernity.

We are ready for the challenges that today and tomorrow may throw at us.

We are fast yet careful, innovative yet grounded.

We are ARBOS.

* Red Dot Winner 2017



E 3020 G

5



E 3030 G
E 3040 G
E 3045 G

7



E 3060 G

9



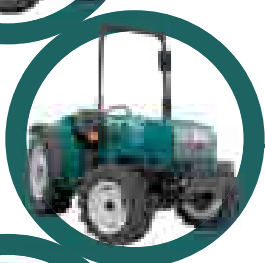
E 3070 G

11



3040
3050

13



3050 G
3080 G

15



3060 GP
3080 GP

17



4090 G
4100 G

19



Q 90 G

21

E 3020 G



COMPACT AND DOWN-TO-EARTH.

E 3020 G is the ideal tractor for the demanding professional user or D.I.Y. enthusiast, people who need a toughly-built yet compact machine that's also economical to run. Practical to use, E 3020 G is an articulated tractor with isodiametric wheels that's both easy to handle and functional, while being small in size.



STURDY



ARTICULATED



MINIMUM WIDTH 80 CM



THE WORLD'S SMALLEST EQUAL-WHEEL TRACTOR



E

3020 G

Type		Lombardini diesel
Power rating	kW(hp)	16 (22)
Nominal rate	rpm	3000
N° Cylinders	n°	2 natural aspiration
Cooling		Air
Swept volume	cc	954
Torque reserve	%	7.9%
Tank capacity	lt	24
N° Speeds		9 speeds: 6 forward + 3 reverse
Main clutch		7" diameter dry clutch
Front differential lock		Mechanical system, with manual locking through independent levers
Rear differential lock		Mechanical system, with manual locking through independent levers
Speed	Kph	19
Type of brakes		Rear brakes, drum type. Mechanical control. Independent or simultaneous braking
Type of steering		and integral on the 4 wheels"
Steering angle		Hydraulic, hydrostatic type
Type		Independent at 540/540E rpm and synchronized with all gears
Clutch		Dry disc type
Control		Mechanical
Type		Floating Up and Down Lifter
Lifting capacity	Kg	500
3 point hitch		Class 1N
Pump flow rate	lt/min	18,5
Safety frame		Folding roll bar
Instruments		Analogic
Driver's seat		Adjustable both in horizontal and vertical position, mounted on approved elastic suspensions
Tow hook		Class. B
Length	mm	2500
Width min. and max.	mm	800 - 810
Height to safety frame	mm	1750
Wheelbase	mm	1000
Front track min. and max.	mm	640 - 680
Rear track min. and max.	mm	640 - 680
Minimum turning radius with brakes	m	1,2
Weight with safety frame	Kg	750
Front - Rear (Standard)		6.00x16" - 6.00x16"
		205/75x15" Garden - 205/75x15" Garden

ENGINE

TRANSMISSION

BRAKES AND STEERING

REAR PTO

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES



Thanks to the E 3000 G series of isodiametric four-wheel drive tractors, ARBOS provides an efficient answer to operators who need an easily handled, agile and stable machine for work on slopes and where there's not much space for manoeuvring. The E 3000 G series includes tractors with power ratings that range from 25 to 38 hp produced in with steering (SW) wheels and the articulated (AR) version, suitable when an even tighter turning radius is required.

- + EXCELLENT PRICE/PERFORMANCE RATIO
- + THE "ENTRY LEVEL" TRACTOR
- + STEERING AND ARTICULATED
- + LOWERED, SPACIOUS AND ERGONOMIC COCKPIT



E					
		3030 G ^{SW}	3040 G ^{SW}	3045 G ^{SW}	3045 G ^{AR}
Type		Diesel			
Power rating	kW(hp)	19 (25)	25 (33)	28 (38)	
Nominal rate	rpm	2800			
N° Cylinders	n°	2 natural aspiration	3 aspirated		
Cooling		Air	Water		
Swept volume	cc	1248	1649		
Tank capacity	lt	24		30	
N° Speeds		9 speeds: 6 forward + 3 reverse			
Main clutch		6" diameter dry clutch			
Front differential lock		Mechanical system, with manual locking through independent levers			
Rear differential lock		Mechanical system, with manual locking through independent levers			Mechanical system, with manual locking through pedal
Speed	Kph	30			
Type of brakes		Rear brakes, drum type. Mechanical control. Independent or simultaneous braking and integral on the 4 wheels			
Type of steering		Hydraulic, hydrostatic type			
Steering angle		45°			30°
Type		Independent at 540 rpm and synchronized with all gears	Independent at 540/750 rpm and synchronized with gearbox speeds		
Clutch		Dry disc type			
Control		Mechanical			
Type		Floating Up and Down Lifter			
Lifting capacity	Kg	1000		1200	
3 point hitch		Class 1			Class 1 and 1N
Pump flow rate	lt/min	18,5	25		
Rear hydraulic control valves		Max 1, double acting			
Safety frame		Folding roll bar			
Instruments		Analog	Digital		
Driver's seat		Adjustable both in horizontal and vertical position mounted on elastic, homologated suspension			
Tow hook		Class B			
		SW	SW	SW	AR
Length	mm	2870	3005	3005	2660
Width min. and max.	mm	1103 - 1203	1103 - 1203	1110 - 1431	1000 - 1290
Height to safety frame	mm	1970	1970	2000	2005
Wheelbase	mm	1155	1155	1155	1294
Front track min. and max.	mm	896 - 996	896 - 996	1010 - 1200	742 - 1288
Rear track min. and max.	mm	896 - 996	896 - 996	1010 - 1200	742 - 1288
Weight with safety frame	Kg	1100	1100	1350	1300
Front - Rear (Standard)		7,50x16"		8,25x16"	8,25x16"
		29x12,50"Garden	29x12,50"Garden - 260/70-16"	-	-

Optional

* Tyres considered 7.50x16" (E 3000 G 30 SW - 40 SW) and 8.25x16" (E 3000 G 45 SW - 45 AR)

E 3060 G



THE ISODIAMETRIC EVOLUTION.

Tapering bodywork, the tight turning radius, four equal-size driving wheels and the powerful 48 hp direct injection engines, make E 3060 G and E 3080 G tractors the ideal machines for working between the rows in vineyards and orchards where the plants are low and there's not much space for manoeuvring. The compact bearing structure keeps the center of gravity low and near to the middle of the machine, achieving an optimum weight distribution so that work can be carried out in full safety when even very heavy implements are used.

- + SHORT WHEELBASE
- + MAXIMUM WHEEL GRIP
- + 16+16 GEARBOX WITH SYNCHRONIZED REVERSE SHUTTLE
- + 1650 KG



E				
3060 G ^{AR}		3060 G ^{SW}		
Type		Diesel, Direct injection, Step 3	ENGINE	
Power rating	kW(hp)	35 (48)		
Nominal rate	rpm	2600		
N° Cylinders	n°	3		
Cooling		Water		
Swept volume	cc	2082		
Tank capacity	lt	30		
N° Speeds		12+4 synchronized	16+16 synchronized	TRANSMISSION
Main clutch		Dry monodisc diameter 230 mm		
Front differential lock		Mechanical system, with manual locking through lever		
Rear differential lock		Mechanical system, with manual locking through pedal		
Speed	Kph	30		
Type of brakes		Rear oil-cooled multiple-plate type		BRAKES AND STEERING
Type of steering		Hydraulic with cylinder acting on the articulation	Hydraulic, hydrostatic type	
Steering angle		-	45°	
Type		Independent at 540/750 rpm and synchronized with gearbox speeds		REAR PTO
Clutch		-	Multidisc in oil bath	
Control		Mechanical	Electro-hydraulic	
Type		Up - down		REAR POWER LIFT
Lifting capacity	Kg	1500		
3 point hitch		Class 1		
Pump flow rate	lt/min	38		HYDRAULIC CIRCUIT
Rear hydraulic control valves		2, double acting		
Safety frame		Folding roll bar		
Instruments		Analog		
Driver's seat		Adjustable both in horizontal and vertical position mounted on elastic, homologated suspension		
Tow hook		Class C		
		AR	SW	WEIGHTS AND DIMENSIONS
Length	mm	3312 MAX	3312	
Width min. and max.	mm	1194 - 1378	1422 - 1518	
Height to safety frame	mm	2160 - 2240	2130 - 2210	
Height at steering wheel	mm	1190	1190	
Height min. at seat	mm	831	831	
Ground clearance min. and max.	mm	250 - 320	230 - 290	
Wheelbase	mm	1372	1372	
Front track min. and max.	mm	914 - 1098	1049 - 1353	
Rear track min. and max.	mm	914 - 1098	1150 - 1238	
Min. turning radius	m	2,38	3,50	
Weight with safety frame	Kg	1650	1680	
Front - Rear (Standard)		280/70x18"		TYRES
		8.25x16"		
		300/70x20"		

Optional

* Tyres considered: front and rear 280/70x18"

E 3070 G



DESIGNED FOR THE PEOPLE.

The E 3070 G series of tractors with equal-size wheels features a fully adjustable driving seat with elastic suspensions. This makes work very comfortable for the operator, who must spend many hours of the day on the job. The generously sized platform is installed on silent blocks and provides the operator with over one square meter of space.

When it comes to safety, the E 3070 G series offers a folding safety frame, all the active and passive protections required by EEC standards, plus soundproofed exhaust pipe and bonnet. Moreover, the E 3070 G series features the Push & Start safety device on the clutch pedal and the lock to hold the power lift's control lever in the neutral position.



STURDY



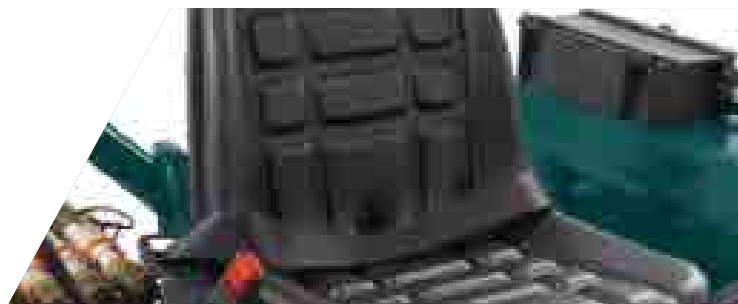
ARTICULATED



MINIMUM WIDTH 80 CM



THE WORLD'S SMALLEST EQUAL-WHEEL TRACTOR



E

3070 G^{AR}3070 G^{SW}3070 G^{SW REV}

Type	Direct injection STEP3A	
Power rating	kW(hp)	48 (66)
Nominal rate	rpm	2600
N° Cylinders	n°	3 Turbo Intercooler
Cooling	Water	
Swept volume	cc	2082
Torque reserve	35%	
Tank capacity	lt	50

ENGINE

N° Speeds	12+4 synchronized	16+16 synchronized
Main clutch	Dry monodisc, diameter 280mm hydraulic control	
Reverse Shuttle	Synchronized	
Front differential lock	Mechanical system, with manual locking through lever	
Rear differential lock	Mechanical system, with manual locking through pedal	
Speed	Kph	30

TRANSMISSION

Type of brakes	Rear oil-cooled multiple-plate type	
Type of steering	Iidraulico di tipo idrostatico con cilindro agente sullo snodo	Hydraulic, hydrostatic type
Steering angle	/	50°

BRAKES AND STEERING

Type	With two independent speeds 540/750 rpm and synchronized with gearbox speeds	Indipendente at 540/750 rpm and synchronized with gearbox speeds
Clutch	Oil-cooled multiple-plate type	
Control	Mechanical	Electro-hydraulic

REAR PTO

Type	Hydraulic. Lever controlled	Hydraulic. Lever controlled / With lever-operated position and draft control
Lifting capacity	Kg	1800
3 point hitch	Cat.1 e 1N	

REAR POWER LIFT

Pump flow rate	lt/min	40	25 + 40
Rear hydraulic control valves	Max 2, double acting	Max 3, double acting	

HYDRAULIC CIRCUIT

Platform	Semi-Platform	Integrale sospesa su silent-block
Safety frame	Folding roll bar	Folding roll bar / cab
Instruments	Digital	
Driver's seat	Adjustable both in horizontal and vertical position mounted on elastic homologated suspension	
Tow hook	Cat. C	

DRIVER'S AREA

Length	mm	2930	2930 - 2940	3110 - 3130
Width min. and max.	mm	1160-1560	1340-1800 (3)	1390-1800
Height to safety frame	mm	2110	2110	2090
Ground clearance min. and max.	mm	280	295	335
Wheelbase	mm	1372	1372	1552
Front track min. and max.	mm	880	1060	1060
Rear track min. and max.	mm	880	1060	1080
Min. turning radius	m	2,38	3,4 (4)	3,8 (5)
Weight with safety frame	Kg	1770	1790	1850

WEIGHTS AND DIMENSIONS

Front - Rear (Standard)	8.25x16"	250/80x18"	8.25x16"	250/80x18"	9.5/20" - 320/70/20" - 250/80/16"	11.2/20" - 300/70/20" - 280/70/16"
	280/70x18"	300/70x20"	300/70x20"	300/65x18"		
	340/65x20"	31X15.50X15"	31X15.50X15"	-	340/65/20" - 300/65/16"	-

TYRES

3040
3050



- + 38 TO 48 HP ENGINES
- + 12 + 12 GEARBOX WITH FAST RELEASE (ADDITIONAL 4 FAST REV SPEEDS)
- + ITALIAN STYLE
- + MULTIFUNCTIONAL



SPECIALIZED.

3000 is the range designed by ARBOS for a wide variety of specialistic uses: work in the open fields, between the rows of vineyards and orchards, in greenhouses and nurseries as well as all the many transport jobs required in farms and for professional ground care. ARBOS 3000 is the answer for those who need a versatile, multifunction machine that possesses all the strong points of a ARBOS tractor: compact size, sturdiness and reliability.

		3040		3050		
Type		Lombardini LDW1603 step 3A		Lombardini LDW 2204 step 3A		ENGINE
Power rating	kW(hp)	28/38		35,3/48		
Nominal rate	rpm			2800		
N° Cylinders	n°	3 aspirated		4 aspirated		
Cooling				Water		
Swept volume	cc	1649		2199		TRANSMISSION
Torque reserve		8,9%		7,9%		
Tank capacity	lt	45				
N° Speeds		12+12 with reverse shuttle + Fast Reverse (4 RM)				
Main clutch				9" dry disc		BRAKES AND STEERING
Reverse Shuttle				Synchronized		
Rear differential lock				Mechanical		
Speed	Kph			30		
Type of brakes		Oil cooled multiple plate type with mechanical actuator				REAR PTO
Type of steering		Hydrostatic				
Steering angle		55°				
Type		Independent at 540/1000 rpm, clockwise rotation; synchronized with gearbox speeds, anti-clockwise rotation				FRONT PTO
Clutch				Dry disc type		
Control				Mechanical		
Type		independent at 1000 g/1' anti-clockwise rotation				REAR POWER LIFT
Clutch				Electromagnetic		
Control				Electric		
Type		Hydraulic up and down				FRONT POWER LIFT
Position control and Draft control		OPT/ONAL				
Lifting capacity	Kg	1600		1400		
3 point hitch				Class 1		UNDER-BELLY POWER LIFT
Type		Hydraulic up and down				
Lifting capacity	Kg	350				
3 point hitch				Class 1N		HYDRAULIC CIRCUIT
Type		Double acting and floating				
Pump flow rate	lt	33				
Rear hydraulic control valves		n. 2 SCV (single unit) double acting with recovery				DRIVER'S AREA
Front hydraulic control valves		n. 1 SCV double acting (single unit) + n°2 SCV double acting with 4^ floating position (available with front lift)				
Platform		Integral platform on liquid sylicon silent block				
Safety frame		Yes				WEIGHTS AND DIMENSIONS
Cab		GL 12 FULL GLASS				
Air Conditioning		-		STD		
Instruments		Analog				TYRES
Driver's seat		On elastic suspensions				
Tow hook		B/CEE type				
Length min and max	mm	2845		2945		
Width min. and max.	mm	1219 - 1502		1219 - 1502		
Height to safety frame	mm	1933 - 1963		1933 - 1963		
Height to cab min. and max.	mm	2151 - 2191		2151 - 2191		
Ground cleareance min. and max.	mm	300 - 316		300 - 316		
Wheelbase	mm	1623		1723		
Front track min. and max.	mm	964 - 1152		964 - 1152		
Rear track min. and max.	mm	1010 - 1134		1010 - 1134		
Minimum turning radius	m	3		3		
Weight with safety frame	Kg	1440		1475		
Weight with cab	Kg	1535		1570		
Front - Rear (Standard)		280/85R20 - 200/70R16		280/85R20 - 200/70R16		
		360/70R20 - 11.0/65x12"		360/70R20 - 11.0/65x12"		
		38/14.00x20 - 27/8.50x15		38/14.00x20 - 27/8.50x15		

Optional

3050 G
3080 G



THE COMPLETE RANGE FOR ORCHARDS AND VINEYARDS.

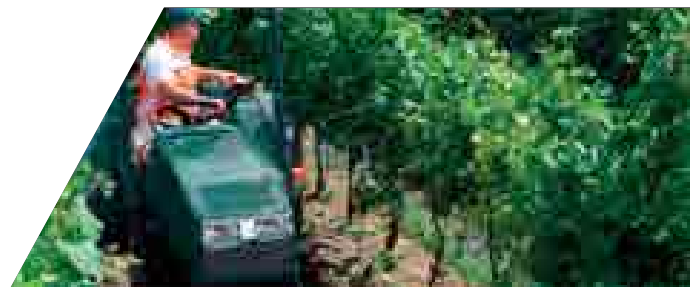
ARBOS 3000 G series is the optimum answer to the needs of professional users who work in vineyards and orchards: powerful and easily handled, reliable and able to provide an excellent performance, these tractors are the ideal partners when it comes to working in the often difficult conditions in which specialized crops are cultivated. One of the salient features of the ARBOS 3000 G series is its compact size.

- + THE SHORTEST WHEELBASE IN ITS CATEGORY
- + EXCLUSIVE PATENTED GEARBOX WITH DUAL POWER SYSTEM
- + MINIMUM TURNING RADIUS
- + MAXIMUM STABILITY AND WHEEL GRIP THANKS TO OPTIMUM WEIGHT BALANCE
- + THE "STURDIEST" 50 HP MODEL ON THE MARKET



		3050 G		3050 G ^{SL}		3080 G		ENGINE
Type		Direct injection STEP3A						
Power rating	kW(hp)	36 (49)		36 (49)		55,2 (75)		
Nominal rate	rpm	2600				2600		
N° Cylinders	n°	3 aspirated				4 (turbo)		
Cooling		Water						
Swept volume	cc	2082				2970		
Torque reserve		8,8%		14%		18,9%		
Tank capacity	lt	50		50		50		
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		9" diameter dry clutch				10" diameter dry clutch		
Reverse Shuttle		Synchronized						
Front differential lock		-		-		No Spin		
Rear differential lock		Mechanical						
Speed	Kph	30						BRAKES AND STEERING
Type of brakes		Oil-cooled multiple-plate						
Type of steering		Hydrostatic con valvola Load sensing						
Steering angle		55°						REAR PTO
Type		With two independent speeds 540/750 rpm and synchronized with gearbox speeds						
Clutch		Dry disc type						REAR POWER LIFT
Control		Mechanical						
Type		Position and draft control						HYDRAULIC CIRCUIT
Lifting capacity	Kg	2300						
3 point hitch		Class 1 e 2						
Pump flow rate	lt/min	38						DRIVER'S AREA
Rear hydraulic control valves		Up to 3						
Platform		Semi-Platform						
Safety frame		Folding roll bar						
Instruments		Analog						WEIGHTS AND DIMENSIONS
Driver's seat		Adjustable backrest and distance from controls, assembled on approved elastic suspensions						
Tow hook		Class C						
Length	mm	3098		3098		3231		TYRES
Width min. and max.	mm	1364 - 1748		1340 - 1770		1364 - 1818		
Height to safety frame	mm	2021		2104		2075 - 2018		
Ground clearance min. and max.	mm	257		335		242 - 257		
Wheelbase	mm	1690		1690		1831		
Front track min. and max.	mm	1040 - 1400		1040 - 1400		1038 - 1414		
Rear track min. and max.	mm	1010 - 1460		1010 - 1460		938 - 1474		
Min. turning radius	m	2,3		3		2,4		
Weight with safety frame	Kg	1850		1850		1900		
Front - Rear (Standard)		240 70x16"		320 70R24"		240 70x16"		320 70R24"
		11,00 65-12"		360 70R20"		-		-
		27/8,50x15"		41/14,00x20"		-		-

3060 GP 3080 GP



- + SHORT WHEELBASE
- + EXCLUSIVE PATENTED GEARBOX WITH "DUAL POWER" SYSTEM
- + COMFORTABLE DRIVING: PLATFORM ON "SILENT BLOCKS" AND "OVERVIEW" CAB WITH A/C
- + EXCELLENT WEIGHT/POWER RATIO AND BALANCED WEIGHTS
- + TYPE-APPROVED FOR 40 KM/H



THE COMPLETE RANGE FOR ORCHARDS AND VINEYARDS.

ARBOS 3000 GP series is the optimum answer to the needs of professional users who work in vineyards and orchards: powerful and easily handled, reliable and able to provide an excellent performance, these tractors are the ideal partners when it comes to working in the often difficult conditions in which specialized crops are cultivated. One of the salient features of the ARBOS 3000 GP series is its compact size.

		3060 GP		3080 GP		
Type		Direct injection				ENGINE
Power rating	kW(hp)	43/58		55,2/75		
Nominal rate	rpm	2600				
N° Cylinders	n°	3 turbo		4 turbo		
Cooling		Water				
Swept volume	cc	2082		2970		
Torque reserve		29 %		24 %		
Tank capacity	lt	50		50		
N° Speeds		With two independent speeds, 540/750 rpm, and synchronized with all the gearbox speeds 540/1000				
Main clutch		9" diameter dry clutch		10" diameter dry clutch		
Reverse Shuttle		Synchronized				
Front differential lock		No Spin				BRAKES AND STEERING
Rear differential lock		Mechanical				
Speed	Kph	30		40		
Type of brakes		Oil-cooled multiple-plate				FRONT PTO
Type of steering		Hydrostaticcon valvola Load sensing				
Steering angle		55°				
Type		-		1000 g/1'		REAR PTO
Clutch		-		Electromagnetic		
Control		-		Electric		
Type		With two independent speeds, 540/750 rpm, and synchronized with all the gearbox speeds 540/1000				FRONT POWER LIFT
Clutch		Dry disc type				
Control		Mechanical				
Type		-		Lifts and lowers		REAR POWER LIFT
Lifting capacity	Kg	-		1000		
3 point hitch		-		Class 1 e 1N		
Type		Position and draft control				HYDRAULIC CIRCUIT
Lifting capacity	Kg	2300				
3 point hitch		Class 1 e 2				
Pump flow rate		lt/min	38			DRIVER'S AREA
Front hydraulic control valves		-		Max 3 optional		
Rear hydraulic control valves		1° Rear distributor with single and double acting valve.				
		2° Rear distributor with double acting valve with recovery				
		3° optional				
Platform		Integral supported by silent-block				WEIGHTS AND DIMENSIONS
Safety frame		Folding roll bar/cab				
Instruments		Analog with digital speed indicator				
Driver's seat		Adjustable both in horizontal and vertical position mounted on elastic, homologated suspension				
Tow hook		Class C				
		LOW	HIGH	LOW	HIGH	TYRES
Length	mm	3090-3455	3090-3455	3231-3596	3231-3596	
Width min. and max.	mm	1290-1766	1293-1766	1290 - 1770	1293 - 1770	
Height to safety frame	mm	2000-2071	2150	2081 - 2145	2196 - 2214	
Height to cab	mm	2050-2130	2218	2054-2159	2184-2209	
Ground cleareance min. and max.	mm	167 - 243	331	170 - 269	306 - 329	
Wheelbase	mm	1690	1706	1831	1854	
Front track min. and max.	mm	1038-1414	1123-1447	1038-1414	1123-1447	
Rear track min. and max.	mm	998-1474	998-1474	998-1474	998-1474	
Min. turning radius	m	3,0	3,0	3,0	3,0	
Weight with safety frame	Kg	1850-1920	1850-1920	1930-2075	1930-2075	
Weight with cab	Kg	2030-2100	2030-2100	2070-2240	2070-2240	
Front - Rear (Standard)		11.00/65-12	360/70x20	11.00/65-12	360/70x20	
		240/70 R16	320/70x24	240/70 R16	320/70x24	
		-	-	260/70 R16	360/70x24	

■ Low Profile
 ■ High Profile
 ■ Optional

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 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				ENGINE
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	WEIGHTS AND DIMENSIONS
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

Q 90 G



- + MAXIMUM LUGGING POWER AND WHEEL GRIP THANKS TO ITS LOW CENTER OF GRAVITY
- + VERSIONS WITH 174 CM "LOW PROFILE" CAB
- + COMFORTABLE DRIVING: PLATFORM ON "SILENT BLOCKS" WITH VARIABLE VISCOSITY
- + MORE VERSATILE THAN AN EQUAL-WHEEL TRACTOR, MORE PERFORMANCE-ORIENTED THAN A CRAWLER TRACTOR. EXCELLENT ON THE ROADS
- + PERFECTLY BALANCED WEIGHTS



IN A CLASS OF ITS OWN.

Q 90G tractors, available in the high and low versions, are in a class of their own and know no rivals on the market. The bodywork with its aggressive and sloping design, the tight turning radius, the big, almost isodiametric driving wheels and the powerful engine make Q 90G the ideal machine for working between the rows of orchards and vineyards with low plants, where there's not much room for manoeuvring, and generally speaking, on heavy soil, sloping and rugged ground. Thanks to the compact bearing structure, which distributes 50% of the weight on the front axle and 50% on the rear one, the center of gravity has been kept low and near to the middle of the machine, while all the traction is fully discharged towards the ground, thus allowing the operator to work in complete safety even with very heavy implements and steeply sloping ground.

Q

90 G

Type		VM Direct injection
Power rating	kW(hp)	60 (82)
Nominal rate	rpm	2600
N° Cylinders	n°	4 turbo
Cooling		Water
Swept volume	cc	2970
Torque reserve		18%
Tank capacity	lt	60

ENGINE

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		No Spin
Rear differential lock		Electro-hydraulic
Speed	Kph	40

TRANSMISSION

BRAKES AND STEERING

Type of brakes		Oil-cooled multiple-plate and IST
Type of steering		Hydrostaticcon valvola Load sensing
Steering angle		55°

FRONT PTO

Type		At 1000 rpm
Clutch		Electromagnetic
Control		Electric

REAR PTO

Type		With two independent speeds, 540/750 rpm, and synchronized with all the gearbox speeds. Profile 1-3/8" at 6 splines
Clutch		Dry disc type
Control		Mechanical

FRONT POWER LIFT

Type		Position and draft control
Lifting capacity	Kg	1200
3 point hitch		Class 1 e 1N

REAR POWER LIFT

Type		Position and draft control
Lifting capacity	Kg	2400
3 point hitch		Class 1 e 2

HYDRAULIC CIRCUIT

Pump flow rate	lt/min	45
Front hydraulic control valves		Up to 3 scv
Rear hydraulic control valves		Up to 3 scv

DRIVER'S AREA

Platform		Integral supported by silent-block
Safety frame		Folding roll bar o cabina standard GL9/Low Profile SG1
Instruments		Digital
Driver's seat		Adjustable backrest and distance from controls, assembled on approved elastic suspensions
Tow hook		Class C

LOW

Length	mm	3026
Width min. and max.	mm	1398-1774
Height to chassis min. and max.	mm	2217
Quasar 90 BA + Cabin GL6 Standard + Tyre 320/70R24	mm	2140
Quasar 90 BA + Cabin SG1 Low profile + Tyre 340/65R20	mm	1800
Quasar 90 BA + Cabin SG1/1 Super Low profile + Tyre 340/65R20	mm	1700
Height at seat	mm	855 - 1150
Height at hood	mm	1165
Ground cleareance min. and max.	mm	275
Wheelbase	mm	1871
Front track min. and max.	mm	1122 - 1498
Rear track min. and max.	mm	1048 - 1424
Minimum turning radius with brakes	m	2,9
Weight with safety frame	Kg	2230

WEIGHTS AND DIMENSIONS

Front - Rear (Standard)		Rear 320/70x20" Front 250/80x16"
		Rear 340/65x20" Front 300/65x16"
		Rear 360/70x20" Front 280/70x18"
		Rear 420/65x20" Front 300/65x18"

TYRES

 Low Profile
  Optional





ARBOS

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