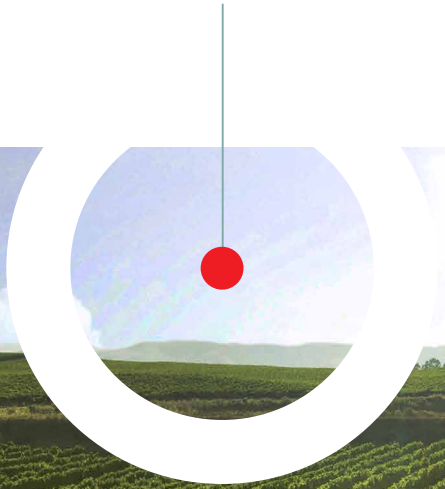




ARBOS



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	45°	
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

E
3000
3040
3055
3066



POWER, SIMPLICITY AND EFFICIENCY.

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 in places with little space for manoeuvring. The E 3000 G series includes tractors with power ratings that range from 25 to 38 hp, available with steering (SW) wheels or in 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			
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"	-	-

ENGINE

TRANSMISSION

BRAKES AND STEERING

REAR PTO

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES

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 tractor the ideal machine for working between the rows of vineyards and orchards where plants are short and there's not much space for manoeuvring. The compact bearing structure elps maintaing a low center of gravity and near to the middle of the machine, achieving an optimum weight distribution so that work can be carried out in full safety when using very heavy implements.

- +** 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	
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
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	
Type of steering		Hydrostatic with load sensing valve	
Steering angle		45°	45°
Type		Independent at 540/750 rpm and synchronized with gearbox speeds	
Clutch		-	Multidisc in oil bath
Control		Mechanical	Electro-hydraulic
Type		Up - down	
Lifting capacity	Kg	1500	
3 point hitch		Class 1	
Pump flow rate	lt/min	38	
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
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"	8.25x16"
		300/70x20"	

ENGINE

TRANSMISSION

BRAKES AND STEERING

REAR PTO

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES

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 spends 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. For what concerns 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				

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				Electrohydraulic	
Rear differential lock	Mechanical system, with manual locking through pedal				Electrohydraulic	
Speed	Kph	30		30		

Type of brakes	Rear oil-cooled multiple-plate type					
Type of steering	Hydrostatic with load sensing valve					
Steering angle	/		50°		50°	

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

Type	Hydraulic. Up and Down					
Lifting capacity	Kg	1800				
3 point hitch	Cat.1 e 1N					

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

Platform	Semi-Platform		Integral platform on silent-blocks			
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					

Length	mm	2930	2930 - 2940		3110 - 3130	
Width min. and max.	mm	1160-1560	1340-1800 (3)	1390-1800	1340-1800 (3)	1390-1800
Height to safety frame	mm	2110	2110	2090	2110	2090
Ground clearance min. and max.	mm	280	295	335	295	335
Wheelbase	mm	1372	1372	1375	1552	1552
Front track min. and max.	mm	880	1060	/	1060	/
Rear track min. and max.	mm	880	1060	1080	1060	1080
Min. turning radius	m	2,38	3,4 (4)	3,2 (6)	3,8 (5)	3,4 (7)
Weight with safety frame	Kg	1770	1790	1770	1850	1850

Front - Rear (Standard)	8.25x16"	250/80x18"	8.25x16"	250/80x18"	9.5/20" - 7.50/16"	11.2/20" - 8.25/16"
	280/70x18"	300/70x20"	300/70x20"	300/65x18"	320/70/20" - 250/80/16"	300/70/20" - 280/70/16"
	340/65x20"	31X15.50X15"	31X15.50X15"	-	340/65/20" -	-

ENGINE

TRANSMISSION

BRAKES AND STEERING

REAR PTO

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

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, multifunctional machine with the same benefits of all ARBOS tractors: compactness, sturdiness and reliability.

		3040	3050
Type		Lombardini LDW1603 step 3A	Lombardini LDW 2204 step 3A
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
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	
Reverse Shuttle		Synchronized	
Rear differential lock		Mechanical	
Speed	Kph	30	
Type of brakes		Oil cooled multiple plate type with mechanical actuator	
Type of steering		Hydrostatic	
Steering angle		55°	
Type		Independent at 540/1000 rpm, clockwise rotation; synchronized with gearbox speeds, anti-clockwise rotation	
Clutch		Dry disc type	
Control		Mechanical	
Type		independent at 1000 g/1' anti-clockwise rotation	
Clutch		Electromagnetic	
Control		Electric	
Type		Hydraulic up and down	
Position control and Draft control		OPTIONAL	
Lifting capacity	Kg	1600	1400
3 point hitch		Class 1	
Type	lt	Hydraulic up and down	
Lifting capacity	Kg	350	
3 point hitch		Class 1N	
Type		Double acting and floating	
Pump flow rate	lt	33	
Rear hydraulic control valves		n. 2 SCV (single unit) double acting with recovery	
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 silicon silent block	
Safety frame		Yes	
Cab		GL 12 FULL GLASS	
Air Conditioning		-	STD
Instruments		Analog	
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 clearance 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

ENGINE

TRANSMISSION

BRAKES AND STEERING

REAR PTO

FRONT PTO

REAR POWER LIFT

FRONT POWER LIFT

UNDER-BELLY POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES

Optional

3050 G
3080 G



THE COMPLETE RANGE FOR ORCHARDS AND VINEYARDS.

ARBOS 3000 G series is the optimum answer to the needs of professionals who work in vineyards and orchards: powerful and easily handled, reliable and able to provide an excellent performance, these tractors are the ideal partners for working in the often difficult conditions in which specialized crops are cultivated. One of the highlights 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	
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%)			
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			
Type of brakes		Oil-cooled multiple-plate			
Type of steering		Hydrostatic with Load sensing valve			
Steering angle		55°			
Type		With two independent speeds 540/750 rpm and synchronized with gearbox speeds			
Clutch		Dry disc type			
Control		Mechanical			
Type		Position and draft control			
Lifting capacity	Kg	2300			
3 point hitch		Class 1 e 2			
Pump flow rate	lt/min	38			
Rear hydraulic control valves		Up to 3			
Platform		Semi-Platform			
Safety frame		Folding roll bar			
Instruments		Analog			
Driver's seat		Adjustable backrest and distance from controls, assembled on approved elastic suspensions			
Tow hook		Class C			
Length	mm	3098	3098	3231	
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"	-	11,00 65-12"
		27/8,50x15"	41/14,00x20"	-	-

ENGINE

TRANSMISSION

BRAKES AND STEERING

REAR PTO

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES

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 professionals working in vineyards and orchards: powerful and easily handled, reliable and able to provide an excellent performance, these tractors are the ideal partners when working in the often difficult conditions in which specialized crops are cultivated. One of the highlights of the ARBOS 3000 GP series is its compact size.

3060 GP

3080 GP

Type	Direct injection		
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		
Rear differential lock	Mechanical		
Speed	kph	30	40

Type of brakes	Oil-cooled multiple-plate		
Type of steering	Hydrostatic with Load sensing valve		
Steering angle	55°		

Type	-	1000 g/1'
Clutch	-	Electromagnetic
Control	-	Electric

Type	With two independent speeds, 540/750 rpm, and synchronized with all the gearbox speeds 540/1000		
Clutch	Dry disc type		
Control	Mechanical		

Type	-	Lifts and lowers
Lifting capacity	Kg	1000
3 point hitch	-	Class 1 e 1N

Type	Position and draft control		
Lifting capacity	Kg	2300	
3 point hitch	Class 1 e 2		

Pump flow rate	lt/min	38	
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		
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
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 clearance 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

ENGINE

TRANSMISSION

BRAKES AND STEERING

FRONT PTO

REAR PTO

FRONT POWER LIFT

REAR POWER LIFT

HYDRAULIC CIRCUIT

DRIVER'S AREA

WEIGHTS AND DIMENSIONS

TYRES

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 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

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%)		
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

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, where there's not much room for manoeuvring, and generally speaking, on heavy soil, sloping and rugged ground. Thanks to the compact structure, which distributes 50% of the weight on the front axle and 50% on the rear, the center of gravity is 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

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

Type of brakes	Oil-cooled multiple-plate and IST	
Type of steering	Hydrostatic with Load sensing valve	
Steering angle	55°	

Type	At 1000 rpm	
Clutch	Electromagnetic	
Control	Electric	

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	

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

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

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

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
Q 90 LOW + Cabin GL6 Standard + Tyre 320/70R24	mm	2140
Q90 LOW + Cabin SG1 Low profile + Tyre 340/65R20	mm	1800
Q90 LOW + Cabin SG1/1 Super Low profile + Tyre 340/65R20	mm	1700
Height at seat	mm	855 - 1150
Height at hood	mm	1165
Ground clearance 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

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"	

Low Profile / Optional

ENGINE

TRANSMISSION

BRAKES AND STEERING

FRONT PTO

REAR PTO

FRONT POWER LIFT

REAR POWER LIFT

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TYRES





ARBOS

ARBOS GROUP S.p.A. a.s.u.
Via Canale, 3 - 41012 Migliarina di Carpi - Modena - Italy • T +39 0522 640111 - F +39 0522 699002
arbos.com