

SRH

THE
ERGOT 100
SERIES



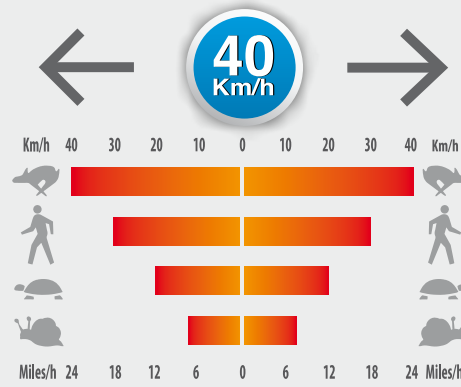
SRH

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ERGI 100
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The **SRH 9800** is a reversible, articulated, equal wheeled tractor fitted with a hydrostatic transmission with continual variation and electronic control, integrated with the transmission and the engine (turbo diesel, 87 hp). Thanks to the narrow track and the articulated chassis, SRH is ideal to work in very narrow spaces; between row crops (vineyards and orchards), on the plain and on slopes, in nurseries and greenhouses. The spacious and ergonomic design concept guarantees maximum comfort even to extra large operators.





HYDROSTATIC TRANSMISSION

The hydrostatic transmission is fitted with the “automotive” function for the modulation of the engine revolutions according to forward speeds. It offers 4 speed ranges in both drive directions, with electrohydraulic inverter located under the steering wheel, and is particularly useful during rapid forward and backward movements in quick succession of each other (such as when moving material), where the operator no longer needs to repeatedly use the clutch. The maximum approved speed is 40 km/h.

ESC - Electronic Speed Control

SRH is fitted with ESC - Electronic Speed Control – system, by pressing a button the operator sets the desired forward speed/PTO revolutions, so that all tasks can be carried out with consistency. This is particularly useful for crop spraying or when using specific equipment for vineyards such as the trimming machine, pruner, leaf plucker, vine binder or weeder.



JPM PROPORTIONAL JOYSTICK™

The **JOYSTICK*** allows practical operation of the lift and the front and rear hydraulic quick-couplers. It also adjusts the oil flow towards the hydraulic connectors and lift, thus assuring total control of speed and movements of the attached implement.



MACHINE AND EQUIPMENT

The integrated lifting - hydraulic system - PTO assembly can mount a large variety of implements at both the front and rear. The lift is a single group with vertical cylinders, featuring a 3-point hitch, a pump and an independent hydraulic system. The large and rear lift, featuring a high lift capacity, is fitted with extendible bars and width-adjustable snap-on hooks (Cat.1 - Cat.2).

The rear, independent PTO set at 540/540E rpm has synchronised, progressive, electrohydraulic engagement. As does the disengagement of the front traction. The oil bath disk brakes on all four wheels are hydraulically controlled.

*optional

ENGINE

The 87 HP engine is a turbo diesel with 4 cylinders and a water cooling system; it is fitted with electronically controlled injection system and EGR. On request, it is available with Clean Fix™ system, an inverse flow fan that guarantees the constant cleaning and efficiency of the radiator.



- + **Reliability:** quality and long-life of components
- + **Performance:** maximum efficiency
- + **Comfort:** minimum noise, and emissions
- + **Saving:**
 - ☺ less maintenance costs
 - ☺ rapid amortisation
 - ☺ lower fuel consumption





**HYDROSTATIC
REVERSIBLE
ARTICULATED**

RGS™: two sides of the same coin

RGS™ Rev-Guide System, is the AC reversible driving system on a rotating turret which inverts the driving direction in just a few seconds in order to work efficiently with towed or frontal equipment. Simply turn the seat/steering wheel/dash/pedal assembly 180° for an identical, but reverse, driving direction.



- + **Comfort:** simple and intuitive RGS™ system without double controls
- + **Visibility of equipment:** driving position in the centre of the vehicle, in both directions
- + **Versatility:** greater profitability of tractor

If equipped with a Joystick*, all the auxiliary controls remain in an ergonomic position. The RGS™ system is an integral part of the tractor's multifunctional feature. It simplifies use and improves the precision and quality of performance.



"STARLIGHT" CABIN

The StarLight cab features a spherically curved, simple and essential design. Thanks to its airtight seals and integrated hinges, it has no projecting parts and can therefore penetrate the narrowest rows without damaging flowering plants or fruit. The front and rear windows offer full visibility of equipment and the roadway.

The ventilation system features a rapid front windscreen defogging system. The acoustic comfort is similar to that of a car due to the internal layer of sound-absorbing material on the cabin walls.

StarLight is an original AC product and is certified, approved and guaranteed for 24 months. As well as its structural qualities, its design is consistent with the AC tractor concept.





RICAMBI ORIGINALI GENUINE SPARE PARTS

Original Antonio Carraro Spare Parts

Original Antonio Carraro Spare Parts is a registered trademark. The elevated standards of design and the stringent tests carried out during the entire production process assure maximum quality levels. With Original AC Spare Parts, Customers can be certain of maintaining tractor performance unaltered over time, thus preserving the safety and the value of the tractor.

24 months of warranty

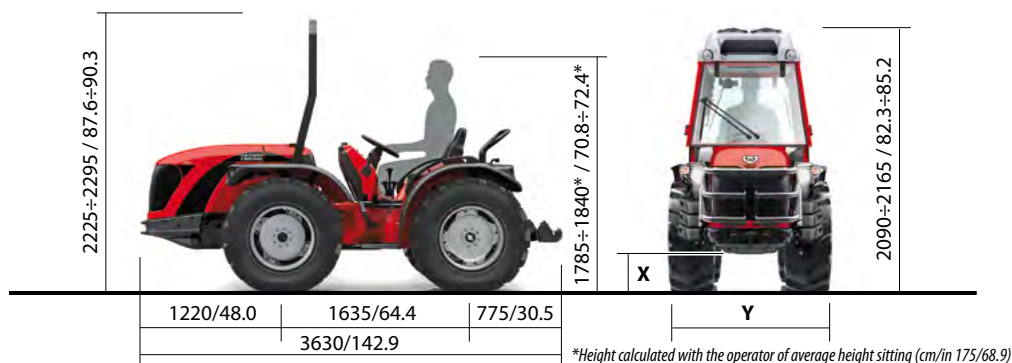
The experience gained during the years and the investments made in terms of materials and human resources have allowed Antonio Carraro to design and market the **Ergit 100** Series with a standard 24 month warranty for the end customer. Customer satisfaction and safety is what counts most for Antonio Carraro.

24 months means giving Customers greater trust in what they have purchased and the certainty that they can count on a constantly available and highly qualified assistance service. A net of authorised centres assure efficient and professional maintenance on tractors.



DIMENSIONS (mm/in)

Wheels	X	Y
9.5 R20	230/9.05	1060/41.7
300/70 R20	230/9.05	1240/48.8
280/85 R20	255/10.0	1145/45.1
320/70 R20	255/10.0	1225/48.2
320/65 R18	195/7.67	1215/47.8
340/65 R18	195/7.67	1285/50.6
33x12.50-15	180/7.08	1240/48.8
280/70 R18	200/7.87	1140/44.9



TECHNICAL DATA: SRH



Chassis	"ACTIO" TM – Full chassis with oscillation • Reversibility RGS TM • Articulated • 4 equal wheel drive • Front and rear final drive							
Engine Type	Diesel direct injection with counter rotating weight system							
	Emissions Regulations: Stage 3A				N° Cylinders: 4 - 16 Valves • Turbo			
	Displacement (CC): 3319				Power kW/HP (97/68/CE): 64/87			
	Maximum engine revs: 2500				Torque max (Nm/revs): 286,7/1850			
	Cooling: Water				Tank Capacity (litres/gal): 60/15.85			
Transmission	Hydrostatic – Continual variation of forward speeds in both drive direction from 0>40 Km/h with a mechanical selector of the 4 speed variator – Electrohydraulic reverser under the steering wheel – ESC (Electronic Speed Control) Electronic and automatic speed and engine rev control device – "Automotive Eco-Power" device							
PTO	Rear, independent and synchronised at 540/540E rpm with progressive electrohydraulic engagement							
Shaft	Profile 1" 3/8 with 6 splines with facilitated engagement							
Transmission clutch	Hydraulic control							
Drive disengagement	Electrohydraulic control on the front							
Rear hydraulic lift	With 3 point hitch cat. 1 and cat. 2 - Capacity (Kg/lbs): 2300/5070							
Operating Pressure (bar/psi)	160							
Steering	Hydraulic with 2 pistons							
Brakes	Standard: hydraulic front and rear disk brakes in oil bath Independent emergency and parking brake: band type on transmission							
Platform	Suspended on Silent Block							
Tyres	9.5 R20	300/70 R20	280/85 R20	320/70 R20	320/65 R18	340/65 R18	33x12.50-15	280/70 R18
Weight in order of speed	With roll bar (Kg/lbs): 2135/4706				With cab (Kg/lbs): 2265/4993			
Standard Features	<ul style="list-style-type: none"> • Reversible control tower • Rear or front/rear differential lock with electrohydraulic control • Hydraulic system with 2 separate hydraulic pumps • Adjustable steering wheel • Adjustable lifting arms with quick release laterally moving couplings • Adjustable, suspension seat with safety belt • Foldable protection roll bar • Adjustable wheel rims • 3 lever ancillary rear hydraulic system • Rear adjustable height tow hitch • Front tow hitch • Multifunctional digital instrument Km/h and PTO • Battery • Battery isolation switch • Electrical power point • Safety starting device on the inverter and PTO • Rear revolving working light 							
Optional Features	<ul style="list-style-type: none"> • StarLight cab with air conditioning system and window on the roof, suspended on Silent Blocks; activated carbon filter on request • Hydraulic system controlled by "JPM" Proportional Joystick with 11 hydraulic outlets with quick couplers • Support with six front ballast weights • Hydraulic vertical tie-rod with electro-hydraulic control • Lifting arms with fixed couplers • Pneumatic seat • Grammer seat • Pair of front/rear ballasts • Cast iron wheel flanges for 20" rear wheels • Front bullbar • Front lamp guards • Clean FIXTM > reverse flow fan for constant cleaning of the radiator and of the front grille of the bonnet • "Superbrake" braking system 							

The description and illustrations in this brochure are provided simply for information purposes; they are not binding and may be varied at any time without notice

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COD. 4 7318 146 - 06/2012