

ANTONIO CARRARO

TRACTOR PEOPLE

TRX

TRG

THE ERGIT100 SERIES

ERGIT 100:
A NEW TRACTOR CONCEPT

Antonio Carraro SPA produces specialized tractors for professionals wishing to experience the emotion of owning something unique and precious that is guaranteed by a one-hundred-year-old brand at the cutting-edge of "Italian Style".

The Ergit 100 series is a new tractor concept. It is the outcome of a construction philosophy based on engineering simplification and the selection of top quality components; factors that allow the company to give these models a 2-year warranty, which can be extended up to 4 years. The care taken in design assures a pleasant and relaxed driving experience. It is not only attractive, but also performance enhancing as it allows for total operator visibility in all directions and ease when working in small spaces. The engines, with power outputs from 70 to 100 hp, offer exceptional torque and power levels combined with lower fuel consumption. The bodywork is painted with environmentally-friendly hydrosoluble enamels. Each technical solution is the result of choices that are based on socio-environmental benefits in terms of reduced pollution and noise levels.

ANTONIOCARRARO
100 YEARS
1910-2010

THE ERGIT 100 SERIES






Star light
TRX 10900
TRG 990

TRX / TRG: “tailored” & “top of range”





TRX and **TRG** are two specialized multi-purpose tractors designed to work in the open field, in orchards and vineyards; both on flat and sloping terrain. TRX is a specialized “tailored” isodiametric (4 same size tires) tractor, while the TRG features enlarged rear wheels and is the most powerful tractor in the Ergit 100 series. Both are extraordinarily handy thanks to their extremely tight turning radius.

This is due to their finely-tuned engines and their constant ground adherence, which is ensured by the projecting engine configuration and the 4-wheel drive. Their extraordinary versatility is achieved by their reversible driving position: each vehicle can change position in order to use an extensive range of plowing, spraying, harvesting, towing, groundcare, forestry and worksite equipment. The reversible driving position and the ergonomic controls simplify work, thus eliminating operator stress and fatigue.



TRX



DESIGN
TECHNOLOGY
INNOVATION







TRG

MULTI-FUNCTIONALITY: **all-in-one**

The use of TRX and TRG can be changed thanks to the integrated lifting, hydraulic system, and PTO assembly. All of which make it possible to rapidly interchange the towing or frontal equipment that can also be mounted together.



MANY TRACTORS IN ONE









Plows, tillers, forklifts, mowers, excavators, reach mowers, snow blowers, grass cutters, trailers, sprayers and shredders are just some of the more common implements that can be used with the Ergit 100 series of tractors. The tires are interchangeable, as every type of terrain requires its own tire that can optimize tractor performance. Dimensions and clearances are other factors that can extend the multi-functionality of TRX and TRG by making them perfect for operating in tight spaces.



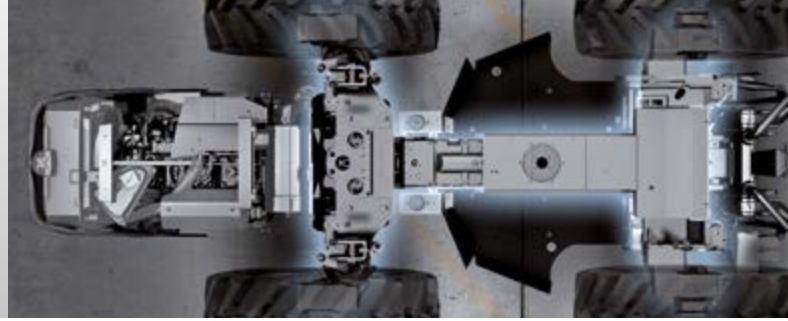






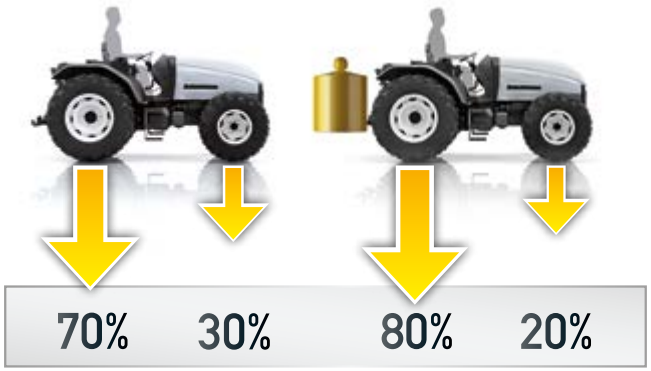


ACTIO™: the exclusive chassis designed by Antonio Carraro

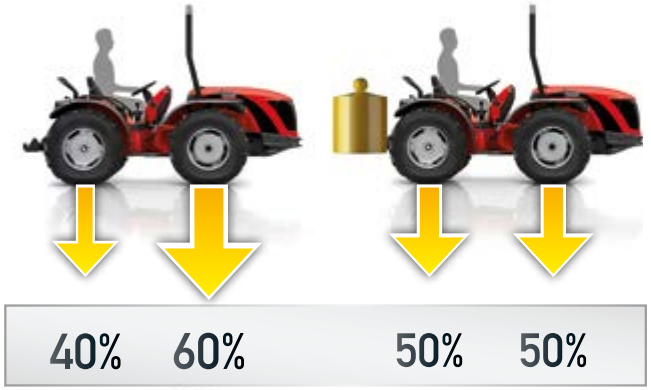


ACTIO™, This Full Chassis with Oscillation is comprised of a solid cast-iron chassis fixed to the axles and housing the tractor transmission. It features a central joint with a longitudinal oscillation of up to 15°. The two oscillating ends follow the contour of the terrain independently, thus assuring stability and traction at all times. The constant adherence of the tires to the ground allows engine power to be entirely transferred to the ground, thus increasing performance and safety.
The ACTIO™ chassis requires a "projecting" engine configuration in order to assure a low center of gravity and an equal division of the weight of the tractor: 60% on the front axle; 40% on the rear axle. This is an ideal balance with implements attached as it distributes 50% of the weight on each axle.

TRADITIONAL TRACTOR



AC TRACTOR





ACTIO™

PLUS

+ ***Stability:*** *baricentro basso e 4 ruote motrici*
+ ***Safety:*** *peace of mind*
+ ***Comfort:*** *driving position centered over chassis oscillation*
+ ***Agility:*** *short wheelbase and reduced turning radius*
+ ***Adherence:*** *equal division of weight*
+ ***Traction:*** *4 drive wheels always firmly in contact with the ground*



RGS™: two sides of the same coin

VERSATILITY
CREATIVITY
SAVING

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. 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.

*optional





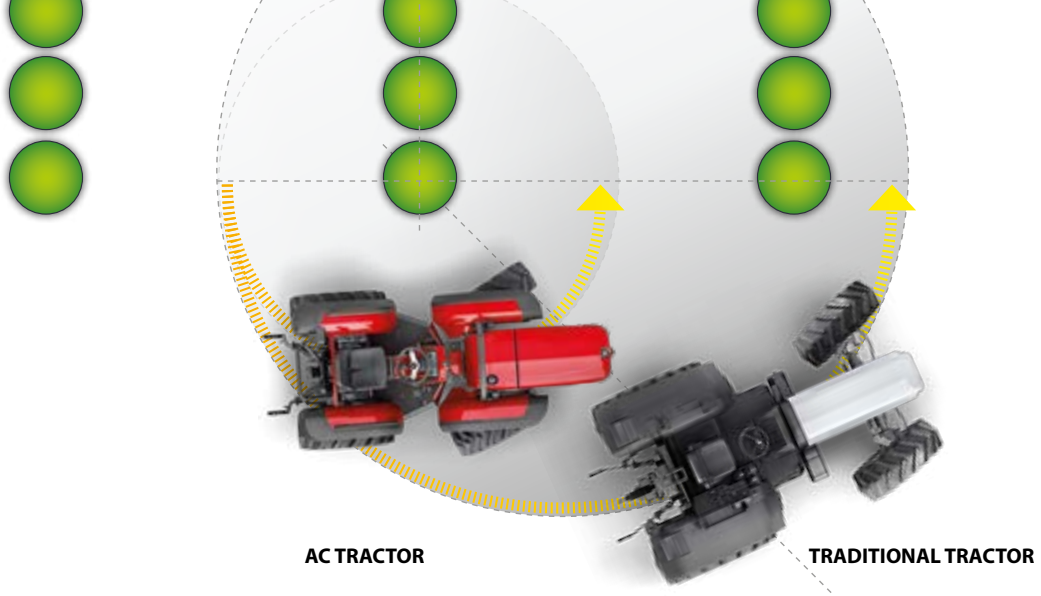




PLUS

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





STEERING: precise and tight

AGILITY
PRECISION
SPEED





The short wheelbase and tight steering radius make the tractor extremely agile in crop rows. To further reduce the turning radius, the steering brakes can be utilized, while accentuating the "superbend" effect obtained thanks to the double-acting constant velocity joints. The front wheel on the inside of the curve naturally increases the steering angle without the vehicle being allowed to stick. The smooth and sensitive hydroguide steering wheel assures precise maneuvering on steep slopes, in crossways movements, in narrow paths, among crop rows and in car parks.

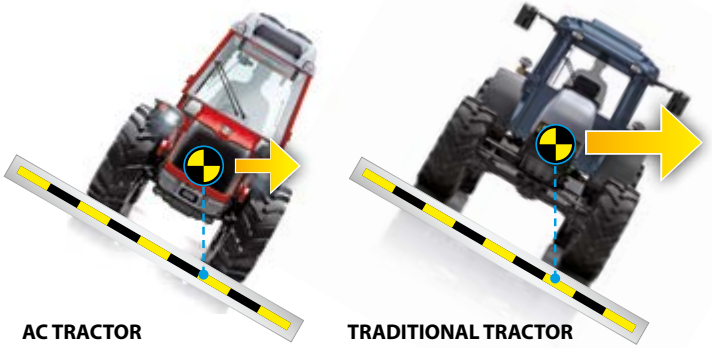
PLUS *+ **Handiness:** comfort*

SAFETY: active and passive





Low center of gravity, constant contact, stability, efficient braking and protected driving position are just some of the “active” safety features not to mention the “passive” features, such as quality of components, design, and eco-friendly engines. The braking system is comprised of 4 hydraulically-controlled, self-adjusting disc brakes in an oil bath which assures emergency braking modularity and reliability even when the front axle is disengaged. The overall safety of the vehicle has allowed it be approved for speeds of up to **40 Km/h (25 mph)**.
The vehicle and its equipment follow the contour of the terrain without lifting, thus assuring maximum efficiency. The electro-hydraulically controlled differentials lock at the rear and the front and rear in order to prevent slippage and assure that the tractor tires always have traction. The driving position is located at the center of the vehicle and features a roll-bar or cab approved to safety standards to ensure maximum operator protection.



AC TRACTOR

TRADITIONAL TRACTOR



ERGONOMICS & COMFORT



The tapered and racy design helps the tractor to maneuver in fields and increases operator visibility of the equipment and the surrounding terrain. The spacious driving position is easy to access and protects the operator. The operating station is suspended on **silent-block**, which absorb vibrations and dampen noise.





Thanks to the ACTIO™ Chassis, the driving position coincides with the center of oscillation of the tractor. Sideways jerking and stress are very limited and operator fatigue is reduced, even after many hours. The on-board instrumentation is elegant, functional and intuitive: backlit anti-reflection screen for nighttime use; "on-off" information system; digital tachometer and PTO rev counter; and electro-hydraulic pushbutton controls.









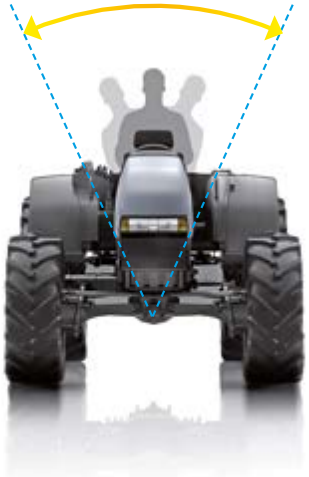




AC TRACTOR



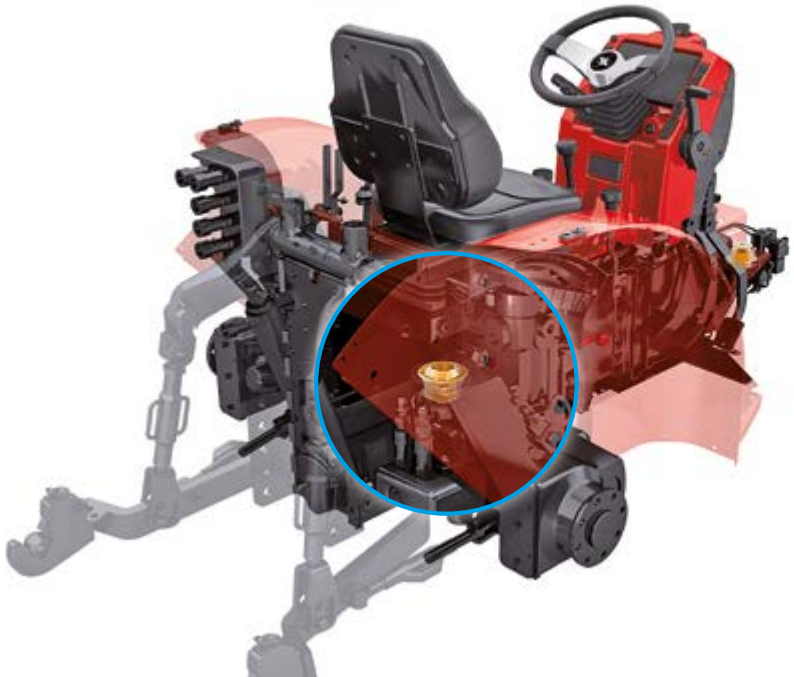
TRADITIONAL TRACTOR



The lighting equipment, integrated into the mudguards, is comprised of reflecting parabolic optical assemblies, which offer a wide range of illumination covering the roadway, the equipment, and the surrounding field. The adjustable* steering wheel allows any operator to find his ideal driving position. Maintenance is practical and fast thanks to the fact that the bonnet can be fully opened and the side panels and battery cover can be easily removed.

PLUS

+ ***Efficiency:*** *Reduced fatigue & increased tractor performance*



SILENT-BLOCK

*optional only for the model 10900





TRX/TRG 9900	TRX/TRG 10900
Diesel direct injection with counter rotating weight system	
Stage 3A emissions regulations	
4 - 16 Valves • Turbo	
89 HP	99 HP





ENGINE:
powerful and quiet

The engines are at the top of their category and offer unbeatable torque and power performance as well as lower fuel consumption, lower noise, and lower carbon emissions. All the engines comply with "STAGE 3A" standards which limit the harmful emissions of diesel engines. Thanks to this new generation of engines, the company has achieved new goals in terms of efficiency and cost-effectiveness.

PLUS

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



MACHINE AND EQUIPMENT: an integrated technological system

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. The rear lift controls the equipment precisely and optimizes the stability of the tractor allowing it to follow the contour of the terrain without slipping or sliding sideways.









MACHINE AND EQUIPMENT: **an integrated technological system**

The front lift* optimizes combined processes such as a front grass shredder with a rear between-row mower, a front vine trimmer with a rear side-shoot remover, a front vine trimmer with a rear mulcher, or a front snow blade with a rear salt/sand spreader. The multi-plate clutch in oil bath of the PTO with an electro-hydraulic progressive engagement command features a safety button for preventing involuntary starting and stopping the engine with the PTO engaged.

PLUS

+ ***Practicality:*** *engagement facilitated by the cardan shaft*
+ ***2 Speeds:*** *fuel saving*
+ ***Comfort:*** *the PTO can be engaged while the tractor is moving*
+ ***Efficiency:*** *less heat build-up*
+ ***Multifunctionality:*** *hydraulic engines run at a constant speed*
+ ***Functionality:*** *engagement without stalling the engine*
+ ***Lifetime:*** *safeguard of PTO shaft*
+ ***Comfort:*** *less operator stress*





The electronic lift* is fitted with an hydraulic function that acts as a "damper" (only for the model 10900), by easing the tractor's uneven movement whilst carrying equipment and by limiting the tractor's classic "snaking" movement.



Vertical hydraulic tie-rod and 3-point hitch* allow adjustments to be made from the driver's seat.



The slider* tow hook with rapid vertical adjustment, is used to optimize the connection height of the towed equipment.





Two speed PTO: 540 rpm, 540 E (750 rpm) and synchronized with gear speeds.
The PTO shaft of the ASAE 1 3/8 type is the same for all speeds.





Hydraulic system (mod. 9900): 1 double acting distributor floating position + oil reflow
Hydraulic system (mod. 10900): 2 double acting distributors (1 floating position) + oil reflow + 1 simple acting distributor.



The front lift* optimizes work combined with rear tools.



The rear lift, featuring draft and position control (model 9900)*, controls the equipment precisely and optimizes the stability of the tractor.



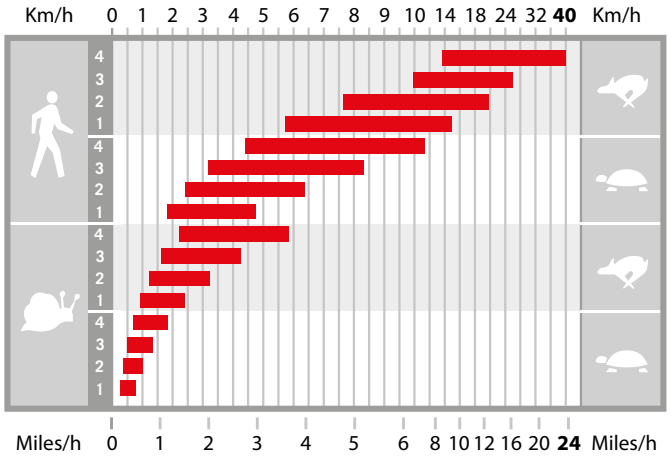


The rear differential lock prevents slipping and optimizes traction. The front traction disengagement is useful when travelling along roads and prevents damage from being done to delicate grounds.

*optional







TRANSMISSION AND GEARS: many speeds in a logical sequence

PLUS

*+ **Reliability:** long lifetime of the clutch*
*+ **Efficiency:** wide range of speeds*
*+ **Comfort:** smooth engagement without jerking the engine*
*+ **Saving:** lower fuel consumption and reduced running costs*





The tractors in the Ergit 100 series utilize large, extraordinarily reliable, smooth engaging clutches that do not require adjustment thanks to the hydraulic control, which recovers the play caused by wear over time. The gear has a helical profile: 32 speeds, 16 FW and 16 RV, with a synchronized inverter that can be engaged even when the tractor is moving. The small gap between one gear and the next assures operative continuity in all circumstances.



e-DRIVE* RANGE SHIFTING
The driver can shift through the speed ranges comfortably and without effort at the simple touch of a button.



e-DRIVE TRANSMISSION: maximum ease of driving

The new transmission houses the *e-DRIVE* system complete with synchronizer assembly, servo controls and range shift and reverse shuttle control unit.



e-DRIVE* REVERSE SHUTTLE
The *e-DRIVE* reverse shuttle with control lever under the steering wheel comes in handy for operations involving back and forth movements in rapid succession, such as loading and unloading of material with forklifts, loaders or snow blades. The driver is assisted by an electronic system, which enables him to operate the tractor under the safest conditions without ever taking his hands off the steering wheel.

*optional only for the model 10900



CAB: “StarLight”

COMFORT
VISIBILITY
SAFETY

This original and approved AC product features a spherically curved, simple and essential design. The airtight seals and integrated hinges allow the **“StarLight”*** cabin to enter 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 on board the “StarLight” is similar to that of a car due to the internal layer of sound-absorbing material on the cabin walls. “StarLight” features a car radio*, a removable license-plate holder, and adjustable rear-view mirrors





The incoming air is cleaned by a large filter, with an available activated carbon filter*.



Cabin controls (windshield wipers, work lights, rotating beacon) in an ergonomic position, even when reversing.



Easy access to the driving position with all-around visibility.



StarLight



*optional



The air-conditioning is achieved by a powerful system running on R134A ecological coolant, which also refreshes the cabin air using a low rev motor. The heating system utilizes a powerful heat-exchanger which is most exceptional even in the coldest weather.



Front and rear working lights assembled in the cab roof and foldable number plate holder.



The panoramic roof with sunblind and full glass doors offer full top and side visibility.

CHASSIS: "EasyStar"



The **"EasyStar"*** chassis was designed to assure comfort, ergonomics, safety, working space and visibility of equipment even when reversing. The basic configuration, which protects the operator from bad weather and sunshine, features a 6-upright chassis with protective roof including a left-hand rear view mirror, license-plate holder, rotating beacon connection and connections for rear and front work lights.

Customers can purchase further accessories to complete the basis chassis, such as front and rear windshields complete with wipers, washer fluid and right-hand rear view mirror. Operators can therefore work even in pouring rain and in the toughest conditions.

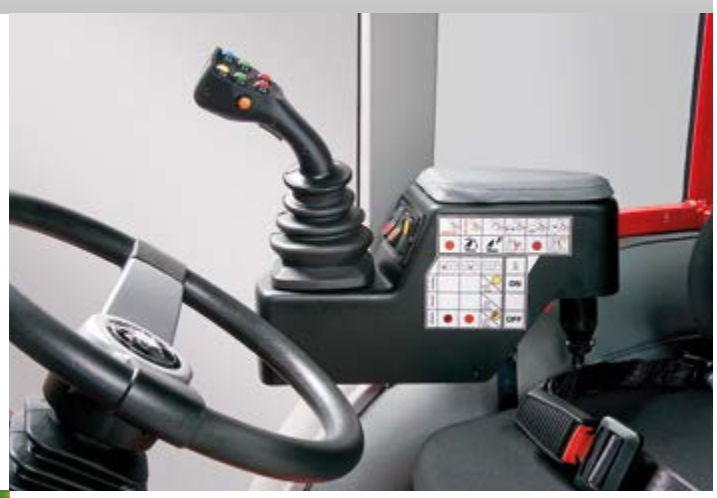
*optional



ELECTRO-HYDRAULIC JOYSTICK:
all functions at your fingertips

The **ON/OFF JOYSTICK*** allows practical operation of the lift and the front and rear hydraulic quick-couplers. It is compatible with the standard controls of the draft and position control. The operator adjusts all the hydraulic functions including the lifting speed. The draft control assures maximum stability of plowing equipment and load handling, which results in maximum productivity.

*optional





HARMONY
TECHNOLOGY
PROGRESS

The **JPM PROPORTIONAL 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. A hydraulic quick-coupler constant flow adjuster controls the operation and speed of the hydraulic motors and at the same time, controls implement hydraulic movements. A descent adjuster controls the implement lowering speed without interfering with lifting speed. An external switch simplifies attaching of the implement.

Many different functions, always within easy reach, are easy to use thanks to the colored buttons arranged in a logical sequence on the joystick.

*JPM optional only for the model 10900

PLUS

*+ **Ergonomic:** handy to use*
*+ **Comfort:** stress-free operation*
*+ **Saving:** reduction in cycle times*



FABRIC GRAMMER SEAT
Air suspension with load display - reclining backrest - lumbar support.



PNEUMATIC SEAT
Pneumatic suspension seat with height regulation and automatic driver-weight adjustment (from 50 kg to 130 kg).



OPTIONAL



HEADLIGHT GRILLES
Protecting the light assemblies, they also make the bodywork look more appealing.



BULLBAR
Tubular steel guard protecting the bodywork; integrates the third-point for the front lift.



FRONT BALLAST
Perfectly integrated into the bodywork of the tractor; it does not alter the wheelbase or dimensions of the tractor.



ADJUSTABLE BARS
Rear 3-points linkage with adjustable bars and quick couplings.



SLIDER HOOK
Integrated into the rear lift, it gives the operator various options for the practical setting up of the tractor and the rapid alignment of the towed equipment.



VERTICAL TIE-ROD AND HYDRAULIC THIRD-POINT
Optimizes the positioning and inclination of the equipment.



RAPID REAR COUPLINGS
ON/OFF joystick > 6 rear couplings (mod. 9900).
ON/OFF joystick > 10 rear couplings (mod. 10900).
JPM joystick > 11 rear couplings with 1 connector and constant flow and oil flow adjuster (mod. 10900).



RAPID REAR COUPLINGS
Vertical tie-rods + hydraulic third hitch > 4 rear independent mini couplings



FRONT LIFT
Used together with the bullbar and 1 double-acting distributor, it allows all the frontal equipment to be used.



REAR CAST IRON WHEEL FLANGES
Flanges that increase the weight of the tractor at the rear.



CLEAN FIX™ system
Reverse flow fan that assures the constant cleaning and efficiency of the radiator and of the front grille of the bonnet.



ELECTRONIC LIFT
The electronic lift is fitted with an hydraulic function that acts as a "damper", by easing the tractor's uneven movement whilst carrying equipment and by limiting the tractor's classic "snaking" movement.

*optional only for the model 10900

SAT: Customer Service Team

RICAMBI ORIGINALI
GENUINE SPARE PARTS

Antonio Carraro® Original Spare Parts and Assistance

The AC dealer network utilizes modern equipment and instruments that have been especially designed and built for maintenance work on AC tractors. The technicians at every authorised dealership periodically attend technical training courses at the Parent Company's facilities. Each authorised workshop employs highly qualified staff and provides an extensive range of services in order to offer its Customers maximum peace of mind and total protection. AC dealers can give their Customers information on all the services related to the care of AC tractors.



4 TILL YEARS
EXG
Maximum Protection Guarantee

EXG MAXIMUM PROTECTION: 4 years without worries!

As a proof of its reliability, Antonio Carraro offers, in addition to its two-year standard warranty, an extension of warranty coverage up to three or four years, called ***EXG Maximum Protection***. At the time of purchase or within the first 24 months of the tractor's life (during which all scheduled maintenance services must be performed as recommended in the AC Use and Maintenance Manual), Customers may apply for either a three- or four-year extended warranty, according to their needs. Whatever coverage they choose, Customers are recommended to have all service performed at any of the **authorised locations of our global dealer network**, where repairs will be carried out by highly qualified personnel using only **AC Original Spare Parts**. In case of sale of the tractor, the warranty coverage may be transferred to the new owner.

After-sales service

Thanks to the capillary network of dealers and the competence of the Service Managers, the Parent Company can assure all-around skills. With the right maintenance work, every AC tractor will continue to provide excellent performance throughout its operating lifetime.



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.




KUHN
VB 2160
PROGRESSIVE DENSITY













TRX: the specialized "tailored" tractor

GRIT
RATIONALITY
PROFITABILITY

TRG: the series flagship



PERSONALITY
ENDURANCE
POWER















TECHNICAL DATA: **TRX**

THE ERGIT 100 SERIES

Model	**TRX 9900**	**TRX 10900**
Chassis	"ACTIO™" – Full chassis with oscillation • Reversibility RGS™ • Steering wheels	
	• 4 equal wheel drive • Front and rear final drive	
Engine Type	Diesel direct injection with counter rotating weight system	
Emissions Regulations	Stage 3A	Stage 3A
N° Cylinders	4 - 16 Valves • Turbo	4 - 16 Valves • Turbo
Displacement (CC)	3769	3769
Power kW/HP (97/68/CE)	65/89	73/99
Maximum engine revs	2600	2600
Torque max (Nm/revs)	285/1600	320/1600
Cooling	Water	Water
Tank Capacity (litres/gal):	60/15.8 with roll bar – 50/13.2 with cab	60/15.8 with roll bar – 50/13.2 with cab
Transmission	Synchronized 32 speed gear box: 16 forward and 16 reverse with synchronized inverter	
PTO	Rear, independent and synchronized at 540/540E rpm with multi-plate clutch in oil bath	
	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	
Hydraulic system:		
Distributor	No. 1 double acting floating position	No. 2 double acting (1 floating position)
	+ oil reflow	+ oil reflow + No 1 single acting
Oil pumps	No. 1 with load sensing circuit	No. 2 with independent circuits
Rear hydraulic lift	With 3 point hitch	Draft and position control with 3 point hitch
Lift arms	With fixed couplings Cat. 1	With quick couplings Cat. 2
Operating Pressure (bar/psi)	160/2320	
Capacity (Kg/lbs)	2400/5291	
Steering	Hydraulic with 2 pistons	
Brakes	Standard: hydraulic front and rear disk brakes in oil bath, rear steering brakes	
	Independent emergency and parking brake: band type on transmission	
Platform	Suspended on Silent Block	
Weight in order of speed:		
With roll bar (Kg/lbs)	2170÷2270 / 4784÷5004	2170÷2270 / 4784÷5004
With chassis (Kg/lbs)	2235÷2335 / 4927÷5148	2235÷2335 / 4927÷5148
With cab (Kg/lbs)	2325÷2425 / 5128÷5346	2325÷2425 / 5128÷5346

STANDARD FEATURES

• Reversible control tower RGS™ • Rear or front/rear differential lock with electrohydraulic control • Fixed (mod. 9900), adjustable (mod. 10900) steering wheel • Adjustable, suspension seat with safety belt • Protection roll bar • Adjustable wheel rims • 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 working light (mod. 10900)

OPTIONAL FEATURES mod. 9900/10900

StarLight cab with air conditioning system and window on the roof, suspended on Silent Blocks; activated carbon filter on request • 6-post safety EasyStar frame fitted on Silent Blocks • Support with six front ballast weights • Hydraulic third hitch and vertical tie-rod with electro-hydraulic control with quick couplings • Hydraulic front power lift • Up to 5 types of hydraulic system • Adjustable lifting arms with quick release couplings • Pneumatic suspension seat with height regulation and automatic driver-weight adjustment • Slider tow hitch • Pair of front/rear ballasts • Cast iron wheel flanges for 20" rear wheels • Front bullbar • Front lamp guards

Only for the model 9900

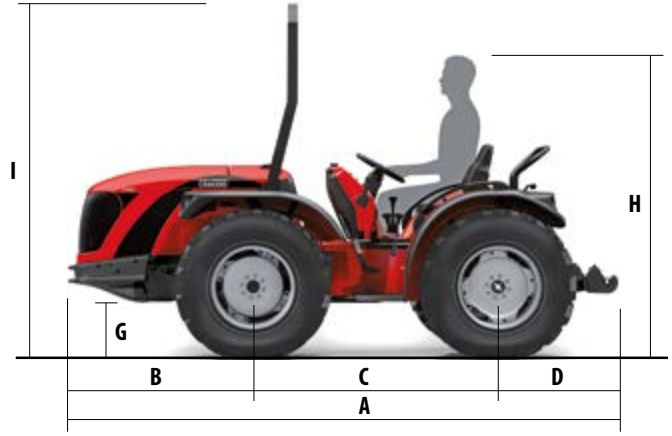
Lift controlled by "ON/OFF" Joystick with 6 hydraulic quick couplers • Hydraulic power lift with draft and position control with 3 point hitch • Hydraulic suspension on the rear power lift • Rear working light

Only for the model 10900

Electrohydraulic *e-DRIVE* transmission with reverse shuttle under the steering wheel and range shift • Lift controlled by "ON/OFF" or "Proportional" Joystick with a maximum of 11 hydraulic quick couplers • CLEAN FIX™: reverse flow fan for constant cleaning of the radiator and of the front grille of the bonnet • Hydraulic power lift with electronic draft and position control with DAMPING • Fabric "Grammer" pneumatic seat with reclining backrest and lumbar support • Hydraulic brake for trailer











	250/80 R18	280/70 R18	300/70 R20	320/70 R20	300/80-15.3	320/65 R18	340/65 R18
E	250	280	300	275	300	320	340



	400/55-17.5 Terra Twin	31x15.50-15 Terra	36x13.50-15 Multitrac	440/50 R17 All Ground	425/55 R17 AC 70 G
E	400	395	380	440	425

Wheels Dimensions (mm/inch)

Front/Rear	A	B	C	D	F	G	H**	I	L*	M	N*	O	P
250/80-18	3440/135.4	1225/48.2	1495/58.8	720/28.3	2135/84.0	275/10.8	1802/70.9	2345/92.3	1380/54.3	1130/44.5	1350/53.1	1100/43.3	2035/80.1
280/70 R18	3440/135.4	1225/48.2	1495/58.8	720/28.3	2135/84.0	275/10.8	1802/70.9	2345/92.3	1420/55.9	1140/44.8	1410/55.5	1130/44.5	2035/80.1
300/70 R20	3440/135.4	1225/48.2	1495/58.8	720/28.3	2170/85.4	310/12.2	1837/72.3	2380/93.7	1410/55.1	1115/43.9	1410/55.5	1115/43.9	2070/81.5
320/70 R20	3440/135.4	1225/48.2	1495/58.8	720/28.3	2195/86.4	335/13.2	1857/73.1	2405/94.7	1460/57.5	1140/44.8	1435/56.5	1115/43.9	2095/82.5
300/80-15.3	3440/135.4	1225/48.2	1495/58.8	720/28.3	2135/84.0	275/10.8	1802/70.9	2345/92.3	1445/56.9	1145/45.0	1440/44.9	1140/44.8	2035/80.1
320/65 R18	3440/135.4	1225/48.2	1495/58.8	720/28.3	2135/84.0	275/10.8	1802/70.9	2345/92.3	1460/57.5	1140/44.8	1450/57.1	1130/44.5	2035/80.1
340/65 R18	3440/135.4	1225/48.2	1495/58.8	720/28.3	2145/84.4	285/11.2	1802/70.9	2355/92.7	1485/58.5	1140/44.8	1475/58.1	1130/44.5	2045/80.5
400/55-17.5 Terra Twin	3440/135.4	1225/48.2	1495/58.8	720/28.3	2120/83.4	260/10.2	1792/70.5	2330/91.7	1690/58.6	1290/50.8	1690/66.5	1290/50.8	2020/79.5
31x15.50-15 Terra	3440/135.4	1225/48.2	1495/58.8	720/28.3	2100/82.6	240/9.5	1757/69.2	2310/90.9	1690/66.5	1295/51.0	1690/66.5	1295/51.0	2000/78.7
36x13.50-15 Multitrac	3440/135.4	1225/48.2	1495/58.8	720/28.3	2125/83.6	265/10.4	1792/70.5	2335/91.9	1645/64.7	1265/49.8	1645/64.7	1265/49.8	2025/79.7
440/50 R17 All Ground	3440/135.4	1225/48.2	1495/58.8	720/28.3	2135/84.0	275/10.8	1802/70.9	2375/93.5	1730/68.1	1305/51.4	1730/68.1	1305/51.4	2035/80.1
425/55 R17 AC 70 G	3440/135.4	1225/48.2	1495/58.8	720/28.3	2145/84.4	285/11.2	1802/70.9	2355/92.7	1725/67.9	1305/51.4	1725/67.9	1305/51.4	2045/80.5

*Min. external width

**Height calculated with the operator of average height sitting (cm/in 175/68.9)

TECHNICAL DATA: **TRG**

THE ERGIT 100 SERIES

Model	**TRG 9900**	**TRG 10900**
Chassis	"ACTIO™" – Full chassis with oscillation • Reversibility RGS™ • Steering wheels	
	• 4 unequal wheel drive - Front and rear final drive	
Engine Type	Diesel direct injection with counter rotating weight system	
Emissions Regulations	Stage 3A	Stage 3A
N° Cylinders	4 - 16 Valves • Turbo	4 - 16 Valves • Turbo
Displacement (CC)	3769	3769
Power kW/HP (97/68/CE)	65/89	73/99
Maximum engine revs	2600	2600
Torque max (Nm/revs)	285/1600	320/1600
Cooling	Water	Water
Tank Capacity (litres/gal):	60/15.8	60/15.8
Transmission	Synchronized 32 speed gear box: 16 forward and 16 reverse with synchronized inverter	
PTO	Rear, independent and synchronized at 540/540E rpm with multi-plate clutch in oil bath	
	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	
Hydraulic system:		
Distributor	No. 1 double acting floating position	No. 2 double acting (1 floating position)
	+ oil reflow	+ oil reflow + No 1 single acting
Oil pumps	No. 1 with Load Sensing circuit	No. 2 with independent circuits
Rear hydraulic lift	With 3 point hitch	Draft and position control with 3 point hitch
Operating Pressure (bar/psi)	160/2320	
Capacity (Kg/lbs)	2400/5291	
Steering	Hydraulic with 2 pistons	
Brakes	Standard: hydraulic front and rear disk brakes in oil bath, rear steering brakes	
	Independent emergency and parking brake: band type on transmission	
Platform	Suspended on Silent Block	
Weight in order of speed:		
With roll bar (Kg/lbs)	2280÷2460 / 5026÷5423	2280÷2460 / 5026÷5423
With cab (Kg/lbs)	2350÷2490 / 5180÷5489	2350÷2490 / 5180÷5489

STANDARD FEATURES

• Reversible control tower RGS™ • Rear or front/rear differential lock with electrohydraulic control • Fixed (mod. 9900), adjustable (mod. 10900) steering wheel • Lifting arms with quick release couplings Cat. 2 • Adjustable, suspension seat with safety belt • Protection roll bar • Adjustable wheel rims • 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 working light (mod. 10900)

OPTIONAL FEATURES mod. 9900/10900

StarLight cab with air conditioning system and window on the roof, suspended on Silent Blocks; activated carbon filter on request • Support with six front ballast weights • Hydraulic third hitch and vertical tie-rod with electro-hydraulic control with quick couplings • Hydraulic front power lift • Up to 5 types of hydraulic system • Adjustable lifting arms with quick release couplings • Pneumatic suspension seat with height regulation and automatic driver-weight adjustment • Slider tow hitch • Pair of front/rear ballasts • Cast iron wheel flanges for 20" and 24" rear wheels • Front bullbar • Front lamp guards

Only for the model 9900

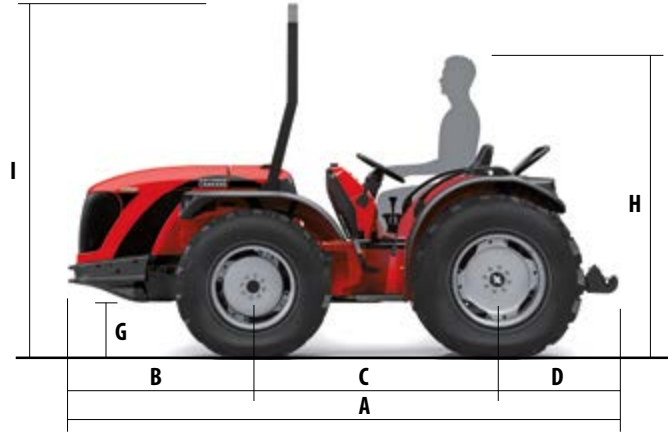
Lift controlled by "ON/OFF" Joystick with 6 hydraulic quick couplers • Hydraulic power lift with draft and position control with 3 point hitch • Hydraulic suspension on the rear power lift • Rear working light

Only for the model 10900

Electrohydraulic *e-DRIVE* transmission with reverse shuttle under the steering wheel and range shift • Lift controlled by "ON/OFF" or "Proportional" Joystick with a maximum of 11 hydraulic quick couplers • CLEAN FIX™: reverse flow fan for constant cleaning of the radiator and of the front grille of the bonnet • Hydraulic power lift with electronic draft and position control with DAMPING • Fabric "Grammer" pneumatic seat with reclining backrest and lumbar support • Hydraulic brake for trailer











Front wheels	280/85 R20	320/70 R20	300/80-15.3
L	275	320	300



Rear wheels	320/85 R24	360/70 R24	360/70 R20
L	320	360	360

Wheels

Dimensions (mm/inch)

Front	Rear	A	B	C	D	F	G	H**	I	L*	M	N*	O
280/85 R20	**320/85 R24**	3540/139.4	1255/49.4	1620/63.8	665/26.2	2325/91.5	410/16.1	1935/76.2	2485/97.8	1415/55.7	1140/44.8	1390/54.7	1070/42.1
320/70 R20	**360/70 R24**	3540/139.4	1255/49.4	1620/63.8	665/26.2	2325/91.5	410/16.1	1935/76.2	2485/97.8	1460/57.5	1140/44.8	1475/58.1	1120/44.1
300/80-15.3	**360/70 R20**	3540/139.4	1255/49.4	1620/63.8	665/26.2	2270/89.4	355/13.0	1880/74.0	2430/95.6	1470/57.9	1170/46.0	1485/58.4	1130/44.5

*Min. external width

**Height calculated with the operator of average height sitting (cm/in 175/68.9)

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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