

TGF

ERGIT S



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The **TGF Series "S"** is a single-direction tractor with differentiated steering wheels. Consistently with the family-feeling focus of the top-of-the-range AC tractors, the new design helps improve both appearance and operating comfort. The TGF stands out for its low centre of gravity which assures stability and safety on slopes and rough terrain. Its compact structure, with the front wheels smaller than the rear ones, offers precise steering and very tight turning. The TGF has been designed for operators wishing to move nimbly and precisely between narrow rows of crops or fruit trees and can be configured with many tyre combinations to achieve perfectly customised versions.



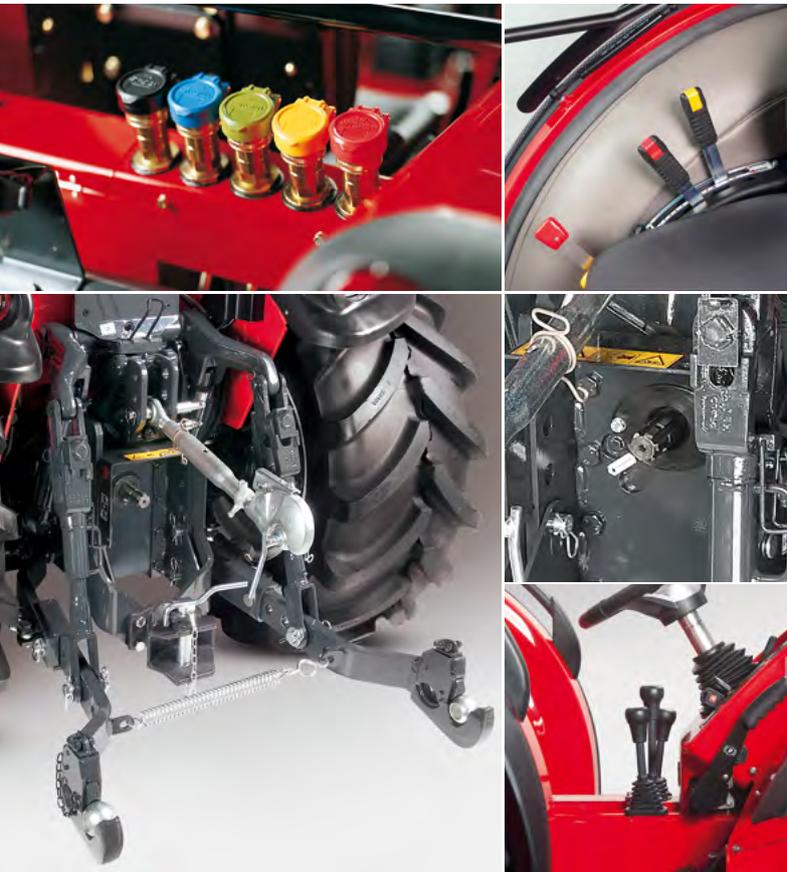


ERGONOMICS AND COMFORT

The new tapered bodywork improves front visibility and was expressly designed to simplify maintenance work. The engine compartment is surrounded by a large honeycomb grille which assures excellent heat exchange. The cast iron front bumper, with its slim design but solid structure, protects the engine and helps keep the radiator clean. The tow hook is located in this structure in order to assure its long-term integrity.

The innovative lights, featuring top-quality designer optical assemblies, assure sufficient visibility to work safely in all situations.

In these tractors, the driving position is easy to access, comfortable and spacious. The contoured and protective driver's seat is positioned at the centre of oscillation of the ACTIO™ chassis in order to reduce jerking and jolting and alleviate stress and fatigue, even after many hours of work.



MACHINE AND TOOL: tested technology

The essential but complete hydraulic system comprises a power lift, a Cat. 1-2 three-point hitch and a double-acting distributor with oil return. It provides excellent hydraulic capacity for using all types of equipment with ease. Accessories: device for positioning and controlling the power lift.

The power take off is fully independent and has two speeds: 540 rpm, 540 E (750 rpm) and synchronised with gear speeds. It can also be activated in movement to provide manoeuvrability even under critical conditions and with a trailer. The ASAE 1" 3/8 PTO shaft is the same for all speeds.

TRANSMISSION AND GEAR BOX

The large, sensitive clutch doesn't require any adjustment. The gear box has **32 speeds, 16 forward and 16 reverse** with a synchronised inverter that allows the drive direction to be inverted even when the tractor is in motion.

ENGINE: powerful ecological and economic



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



**DESIGN
TECHNOLOGY
INNOVATION
VERSATILITY
COMFORT**



The elegant and intuitive on-board instrumentation includes an anti-glare screen with backlighting for night use and an "on-off" information system. All the electro-hydraulic controls are button-controlled and within easy reach.

PLUS

- + **Stability:** low centre of gravity with 4 wheel drive
- + **Safety:** peace of mind
- + **Comfort:** driving position centred over chassis oscillation
- + **Handiness:** wide articulation > reduced turning radius
- + **Adherence:** equal division of weight
- + **Traction:** 4 drive wheels always firmly in contact with the ground



"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.

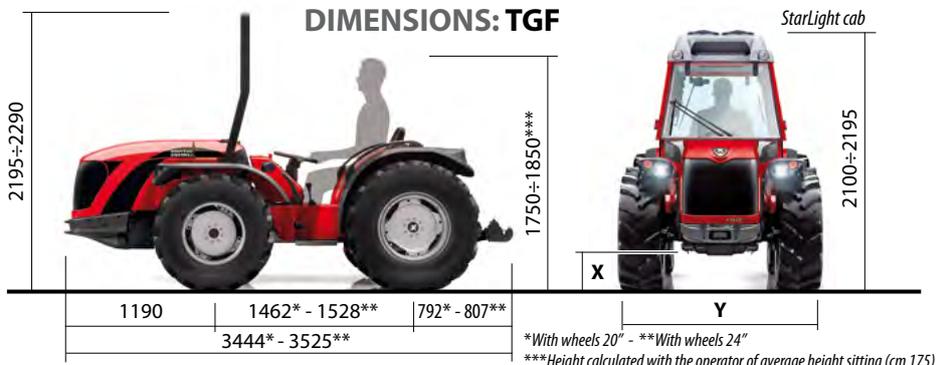
24 months of warranty

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 "S"** 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.



WHEELS

Front	Rear	X	Y
8.25-16	11.2 R20	255	1330
250/80-16	320/70 R20	255	1385
300/80-15.3	360/70 R20	275	1470
280/70-18	360/70 R20	275	1420
320/65-18	420/65 R20	275	1550
280/85 R20	320/85 R24	330	1415
320/70 R20	360/70 R24	330	1475
400/55-22.5 Twin	500/60-22.5 Twin	330	1660



TECHNICAL DATA: TGF



TGF 7800"S"

TGF 9400"S"

Chassis	"ACTIO™" – Full chassis with oscillation • 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				4 Turbo - Intercooler			
Displacement (CC)	3319				2970			
Power kW/HP (97/68/CE)	52/71				64/87			
Maximum engine revs	2500				2600			
Torque max (Nm/revs)	236/1600				380/1000			
Cooling	Water				Water			
Tank Capacity (litres):	60				60			
Transmission	Synchronised 32 speed gear box: 16 forward and 16 reverse with synchronised inverter							
PTO	Rear, independent and synchronised at 540/540E rpm with progressive hydraulic engagement							
Shaft	Profile 1" 3/8 with 6 splines with facilitated engagement							
Transmission clutch	Mechanic control							
Drive disengagement	Hydraulic control on the front							
Rear hydraulic lift	Mixed draft and position control with 3 point hitch - Capacity (Kg): 2300							
Operating Pressure (bar)	160							
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							
Tyres: Front	8.25-16	250/80-16	300/80-15.3	280/70-18	320/65-18	280/85 R20	320/70 R20	400/55-22.5 Twin
Rear	11.2 R20	320/70 R20	360/70 R20	360/70 R20	420/65 R20	320/85 R24	360/70 R24	500/60-22.5 Twin
Weight in order of speed (Kg):	With roll bar: 2130÷2310				With roll bar: 2100÷2280			
	With cab: 2240÷2420				With cab: 2210÷2390			
Standard Features	Rear or front/rear differential lock with hydraulic control • Lifting arms with group 1 and 2 sphere • Adjustable, suspension seat with safety belt • Foldable protection roll bar • Adjustable wheel rims • 2 lever ancillary rear hydraulic system • Rear adjustable height tow hitch • Front tow hitch • Multifunctional digital instrument • Battery • Electrical power point • Safety starting device on the inverter and PTO							
Optional Features	• "STARLIGHT" cab suspended on Silent Blocks, soundproof, with heating and air conditioning system and window on the roof • Radio • Hydraulic power lift with draft and position control • Support with six front ballast weights • Adjustable lifting arms with quick release couplings • Slider tow hitch • Pair of front/rear ballasts • Cast iron wheel flanges for 20" and 24" rear wheels • Front bullbar • Front lamp guards							

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.

ANTONIO CARRARO SPA
Via Caltana, 24
35011 Campodarsego Padova ITALY
info@antoniocarraro.it
antoniocarraro.com

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