

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.





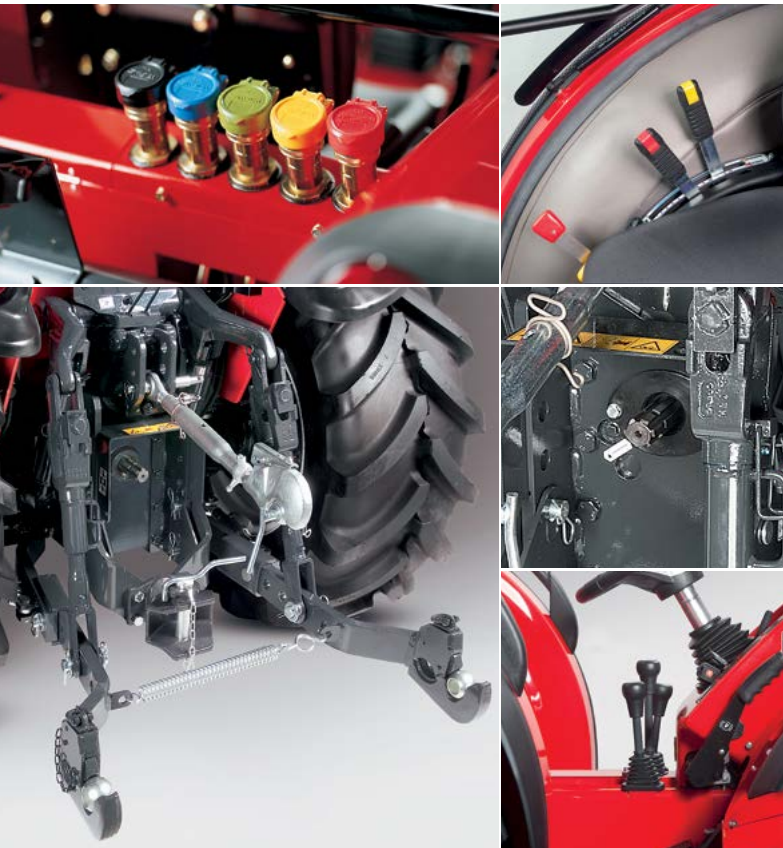
ERGONOMICS AND COMFORT

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.

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.



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



- + **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.

"PROTECTOR S" CABIN

The **AC super-low profile Protector S** cabs (min. h1740 mm) were designed to protect operators while working on crops that are difficult to access, such as sloping rows or crops planted on steep slopes, but also to isolate them from the external ambient during treatment with plant protection products. Despite its compact size, Protector S provides easy and obstacle-free access. The glass doors, the rear window and the front inspection windows assure all-around visibility. The "butterfly" profile steel frame with continuous radius of curvature makes for a racy profile with no projecting elements. The handles of the pull-handle doors allow the doors to be opened with a finger.





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.

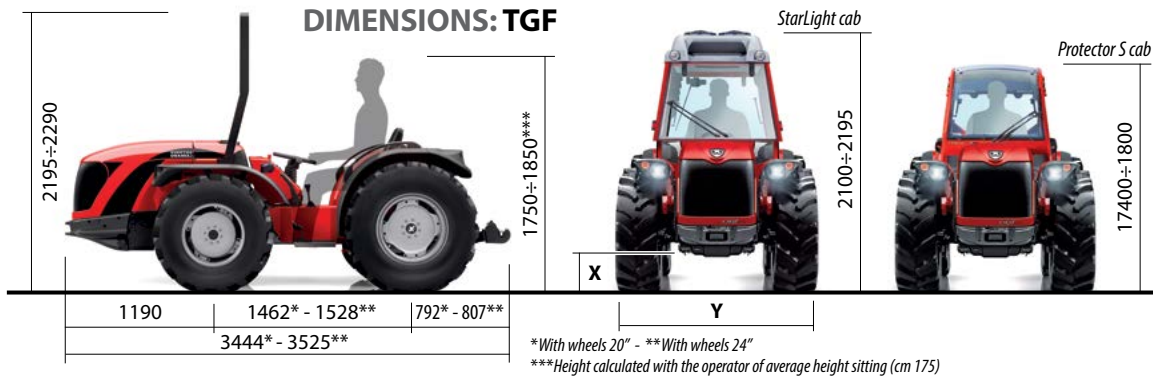
EXG MAXIMUM PROTECTION: 4 years without worries!

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.



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
320/70 R20	360/70 R24	330	1475



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	320/70 R20
Rear	11.2 R20	320/70 R20	360/70 R20	360/70 R20	360/70 R24
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 • "PROTECTOR S" cab suspended on Silent Blocks with heating and air conditioning system (for 9800) • 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.

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