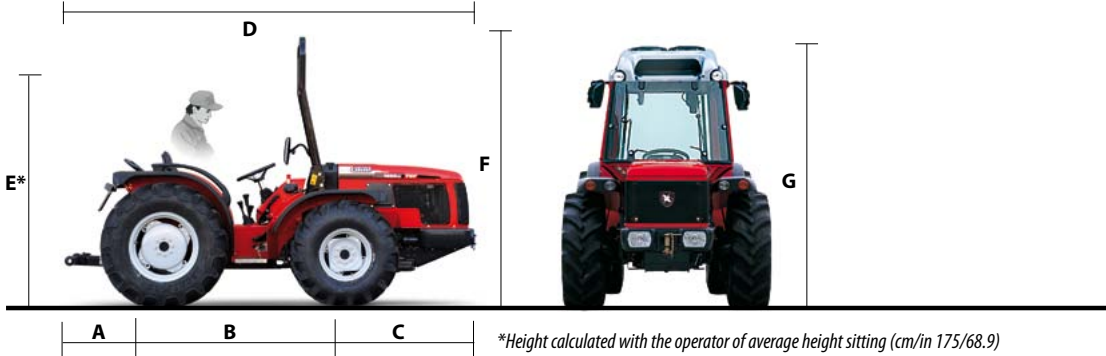


	TGF 7800	TGF 7800LE
A	665÷865	730÷930
B	1530	1465
C	1190	1190
D	3385÷3585	3385÷3585
E*	2030÷2105	2030÷2105
F	2185÷2285	2185÷2230
G	2055÷2145	2055÷2090



TECHNICAL DATA: TGF 7800 / 7800LE

THE **ERGIT** SERIES

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			N° Cylinders: 4 - 16 Valves			
	Displacement (CC): 3319			Power kW/HP (97/68/CE): 52/71			
	Maximum engine revs: 2500			Torque max (Nm/revs): 236/1600			
	Cooling: Water			Tank Capacity (litres/gal): 60			
Transmission	Synchronized 32 speed gear box: 16 forward and 16 reverse with synchronized inverter						
PTO	Rear, independent and synchronized at 540/540E rpm with progressive hydraulic engagement						
Shaft	Profile 1” 3/8 with 6 splines with facilitated engagement						
Transmission clutch	Hydraulic control						
Drive disengagement	Hydraulic control on the front						
Rear hydraulic lift	Mixed draft and position control with 3 point hitch - Capacity (Kg/lbs): 2300/5070						
Operating Pressure (bar/psi)	160/2320						
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						
Tires: Front	8.25-16	250/80-16	300/80-15.3	280/70-18	320/65-18	280/85 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*	500/60-22.5 Twin*
Min. outer width (mm/in)	1330/52.3	1385/54.5	1470/57.8	1420/55.9	1550/61.0	1415/55.7	1660/65.3
Ground clearance (mm/in)	255/10.0	255/10.0	275/10.8	275/10.8	275/10.8	330/13.0	330/13.0
Weight in order of speed:	With roll bar (Kg/lbs): 2070/4563			With Starlight cab (Kg/lbs): 2180/4806			
Standard Features	Rear or front/rear differential lock with hydraulic control • Hydraulic system with 2 separate hydraulic pumps • Adjustable steering wheel • 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 Km/h and PTO • 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 • Support with six front ballast weights • Hydraulic third hitch and vertical tie-rod • Front power lift • 5 front hydraulic outlets • Adjustable lifting arms with quick release couplings • Pneumatic seat • Slider tow hitch • Pair of front/rear ballasts • Cast iron wheel flanges for 20” and 24” rear wheels						

*Tires not available for TGF 7800LE
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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TGF 7800 / 7800 LE

THE **ERGIT** SERIES



Tractor people



The evolution of the super-low tractor

AGILITY
COMFORT
PROTECTION



The TGF tractor was designed to work amongst row crops or in trellis vineyards, on rocky ground, terraces, tight spaces and steep slopes. The super-low and compact design and the ACTIO™ chassis, patented by Antonio Carraro, offer the ideal setting in all conditions. The tight turning radius is assured by the unequal wheels, which are available in a wide range of different sizes and grip. The TGF is a “tailored” tractor, each Customer can built it according to his needs.



ERGONOMICS & COMFORT

The tapered design helps the tractor to maneuver in row crops. The spacious driving position is easy to access and protects the operator. The operating station is suspended on silent-blocks, 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 functional and intuitive. The powerful lighting equipment offers a wide range of illumination. Maintenance is practical and fast thanks to the fact that the bonnet can be fully opened.

CAB "STARLIGHT"

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.

ENGINE: powerful and quiet

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



POWERLIFT / HYDRAULIC SYSTEM / PTO: The power of ERGIT™ Technology

The total system made up of the power lift- hydraulic system-PTO means that the TGF can use a vast number of different pieces of equipment which may be fitted on either the front or the rear of the tractor whilst keeping its enviable features of grip and stability. The TGF's completely independent PTO is synchronized and is available in two speeds: 540 rpm and 540E (750 rpm). The new concept power lift is a vertical cylinder monogroup with a 3 point hitch with quick release catches; its pump and hydraulic system are autonomous. The rear draft and position control lift controls the equipment and the load to the engine and therefore allows the vehicle to follow the contours of the terrain perfectly, without any loss of grip.

