

TECHNICAL DATA: TGF



Model	TGF 9800	TGF 10400
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 • Turbo	4 Turbo Intercooler
Displacement (CC)	3319	2970
Power kW/HP (97/68/CE)	64/87	70/95
Maximum engine revs	2500	2600
Torque max (Nm/revs)	286,7/1850	420/1000
Cooling	Water	water
Tank Capacity (litres/gal):	60/15.85	60/15.85
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	
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)	2230÷2410 / 4916÷5313	2240÷2380 / 4938÷5247
With Protector100 cab (Kg/lbs)	2240÷2510 / 4938÷5534	2360÷2440 / 5203÷5379
With Starlight cab (Kg/lbs)	2300÷2460 / 5071÷5423	2240÷2380 / 4938÷5247

Standard Features

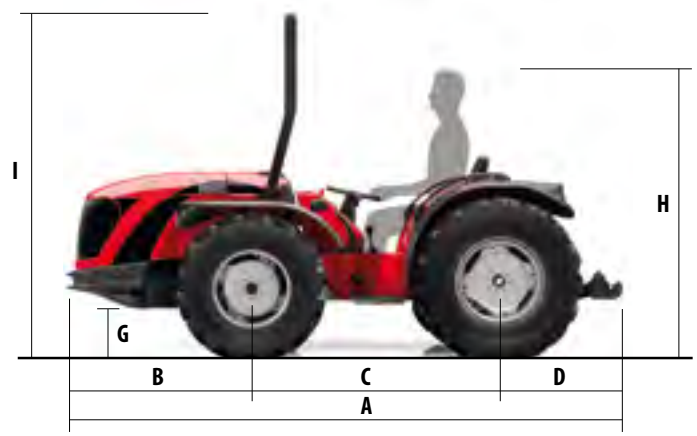
Rear or front/rear differential lock with hydraulic control
 • Hydraulic system with 2 separate hydraulic pumps
 • Adjustable steering wheel • Lifting arms with group 1 and 2 sphere • Adjustable, suspension seat with safety belt
 • Foldable protection roll bar • Adjustable wheel rims
 • 2 lever ancillary rear hydraulic system • Rear adjustable height tow hitch • Front tow hitch • Multifunctional digital instrument Km/h and PTO • Battery • Battery isolation switch
 • Electrical power point • Safety starting device on the inverter and PTO

Optional Features

• HI-LO system which can be electro-hydraulically engaged when loaded thus reducing set speeds by 20% (64 speeds, 32 forward and 32 reverse) (except for 10400)
 • "StarLight" cab suspended on Silent Blocks, soundproof, with heating and air conditioning system and window on the roof; activated carbon filter on request • "PROTECTOR 100" cab suspended on Silent Blocks, soundproof, with heating and air conditioning system; (on request) "Digital Air Control", a digital control of cab pressurization • Support with six front ballast weights • Hydraulic third hitch and vertical tie-rod • Front power lift • 4 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 • Front bullbar • Front lamp guards



DIMENSIONS TGF



Front wheels

	E								
	8.25-16	250/80-16	300/80-15.3	320/65 R18	260/70 R16	300/80-15.3	11.2 R20	320/70 R20	400/55-22.5 Twin
E	230/9.05	250/9.84	300/11.8	320/12.6	260/10.2	300/11.8	275/10.8	320/12.6	400/15.7

Rear wheels

	11.2 R20	320/70 R20	360/70 R20	420/65 R20	340/65 R18	380/70 R20	320/85 R24	360/70 R24	500/60-22.5 Twin
E	275/10.8	320/12.6	360/14.2	420/16.5	340/13.4	380/14.9	320/12.6	360/14.2	500/19.7

Wheels

Dimensions (mm/inch)

Front	Rear	A	B	C	D	F	G	H**	I	L*	M	N*	O	P
8.25-16	11.2 R20	3385/133.2	1190/46.8	1530/60.2	665/26.2	2055/80.9	255/10.0	1747/68.7	2300/90.5	1330/52.3	1100/43.3	1325/52.1	1050/41.3	1775/69.9
250/80-16	320/70 R20	3385/133.2	1190/46.8	1530/60.2	665/26.2	2055/80.9	255/10.0	1747/68.7	2300/90.5	1385/54.5	1145/45.1	1370/53.9	1050/41.3	1775/69.9
300/80-15.3	360/70 R20	3385/133.2	1190/46.8	1530/60.2	665/26.2	2090/82.3	275/10.8	1767/69.5	2320/91.3	1470/57.9	1170/46.0	1415/55.7	1060/41.7	1800/70.8
320/65 R18	420/65 R20	3385/133.2	1190/46.8	1530/60.2	665/26.2	2090/82.3	275/10.8	1767/69.5	2320/91.3	1460/57.5	1140/44.9	1550/61.0	1130/44.5	1800/70.8
260/70 R16	340/65 R18	3385/133.2	1190/46.8	1530/60.2	665/26.2	1985/78.1	185/7.28	1677/66.0	2230/87.8	1380/54.3	1120/44.1	1595/62.8	1250/49.2	1740/68.5
• 300/80-15.3	380/70 R20	3385/133.2	1190/46.8	1530/60.2	665/26.2	2090/82.3	275/10.8	1767/69.5	2320/91.3	1470/57.9	1170/46.0	1440/56.7	1060/41.7	-
• 11.2 R20	320/85 R24	3385/133.2	1190/46.8	1530/60.2	665/26.2	2145/84.4	330/13.0	1822/71.7	2375/93.5	1415/55.7	1140/44.9	1390/54.7	1070/42.1	-
• 320/70 R20	360/70 R24	3385/133.2	1190/46.8	1530/60.2	665/26.2	2145/84.4	330/13.0	1822/71.7	2375/93.5	1460/57.5	1140/44.9	1475/58.1	1120/44.1	-
• 400/55-22.5	500/60-22.5	3385/133.2	1190/46.8	1530/60.2	665/26.2	2145/84.4	330/13.0	1822/71.7	2375/93.5	1610/63.4	1210/47.6	1660/65.3	1160/45.6	-

• Wheels not available with Protector100 cab *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.