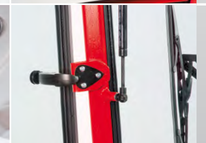
CAB*

The soundproofed, heated and air-conditioning cab provides all-round visibility and a large living space which is enhanced by the spherically curved longitudinal profile of the cab with green curved front and rear windows and partially or totally opening doors. Also when reversing, the operator enjoys unchanged comfort, living space and functionality.
The **compactness** and the continual butterfly profile of the cab ensure ease of manoeuvring around plants or obstacles, or in the tightest spaces, without damaging the bodywork.
The 6 air-conditioning outlets provide a large flow of air which is purified by powerful **dust filters**, thus assuring optimum operator well-being.

The cabin of TTR 4400 HST is an original AC product, certified, approved and guaranteed for 24 months. As well as its structural quality, its design is consistent with the AC tractor concept.

*Optional

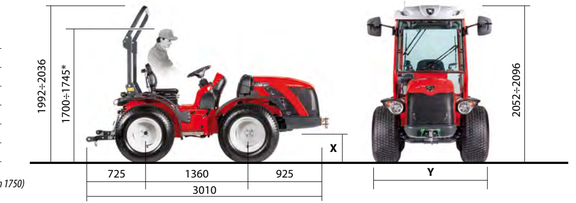
The version with the cab comprises:
- Digital control unit for the air conditioning system
- A steering column inclination adjuster
- Fabric seat
- Drinks compartment, clothes hook, documents holder
- Side doors with cushioning gas springs
- Partial opening of side windows and front deflectors
- External door-handles with easy-open system
- Front window for maximum visibility
- Fitting for radio
- 2 external rear view mirrors with controlled position
- Rear work lights
- Front and rear windscreen wipers with independent washers



DIMENSIONS: TTR 4400

Wheels	X	Y
7.50 16	261	1198
6.50x16	246	1131
240/70 R15 Garden	217	1217
29x12.50-15 Terra	233	1375
29x12.50-15 Green	233	1375
29x12.50-15 Xtra-Traction	233	1375

*Height calculated with the operator of average height sitting (mm 1750)



TECHNICAL DATA: TTR 4400 HST

THE 30 SERIES

	TTR 4400			
Chassis	ACTIO™ Full chassis with oscillation • RGS™ Reversibility • Steering wheels • Equal wheel drive			
Engine Type	Direct-injection diesel			
	Emissions regulations: Stage IIIA		N° cylinders: 3 – Natural/internal induction	
	Displacement: cc. 1642		Power kW/HP (97/68/CE): 28/38	
	Maximum engine revs: 3000		Torque max (Nm/revs) 113/1200	
	Cooling: water		Tank capacity (litres) 30	
Transmission	Hydrostatic with 3 speed range – Stepless speed variator from 0 to 30 Km/h			
PTO	Rear, 540/1000 rpm			
Shaft	Profile 1" 3/8 with 6 splines with facilitated engagement			
Transmission clutch	Hydraulic control			
Drive disengagement	Mechanical rear control			
Rear hydraulic lift	3-point hitch - Capacity (Kg): 910			
	Valve to control power lift descent speed			
Operating Pressure (bar)	160			
Steering	With 1 double-acting piston and connecting bar with "Load sensing" system			
Brakes	Standard: rear hydraulic drum brakes			
	Emergency and parking brakes: acting on rear brakes			
Platform	Mounted on Silent Block			
Tyres	7.50 16	6.50x16	240/70 R15 Garden	29x12.50-15 Terra • Green • Xtra-Traction
Weight in order of speed (Kg)	With rollbar: 1275		With cab: 1440	

Standard Features

• RGS™ reversibile control tower • Handles on mudguards • Flexible widenings for rear and front mudguards • Rear and front mechanical-control differential lock • 1-pump hydraulic system for hydrostatic trasmission • Rear hydraulic system with 4 levers: 2 double-acting distributors with floating position + 1 single-acting distributor with floating position + 1 double-acting distributor with floating position replicated at the front + 1 oil return valve (tot. 8 quick couplings) • Fix type lifting arms and coupling balls, cat. 1-1N • Adjustable padded seat with safety belts • Rear partially foldable roll bar • Adjustable rims • Rear tow hitch • Front tow hitch • Multifunctional digital instrument tachometer/revolution counter, Km/h and PTO • Battery • 12V 7-pole / single-pole outlet • Safety starting device on the seat, the clutch and the PTO • "Speed-fix" system: to establish the speed of the working vehicle

Optional Features

• Cab with air conditioning system suspended on Silent- Block • Power lift and hydraulic outlets controlled by ON/OFF Joystick • Front hydraulic power lift • Rear double-acting power lift • Couplers for top fitting equipment with front third hitch • Rear short lifting arms • Integral braking fitted to all four wheels • Working light • Containment sides for standard seat • Grammer fabric cover seat with pneumatic suspension (available with cabin) • Pair of front/rear wheel ballasts

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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TTR 4400 HST

THE 30 SERIES

TTR 4400 HST

THE **30** SERIES

ACTIO™

RGS™

Hydrostatic, reversible and multifunctional

The concept of TTR 4400 HST replicates that of the top-of-the-range AC tractors, though on a smaller scale. The strategic decision to fit direct injection engines by the finest international producers generates lower noise, less vibrations, reduced consumption and maximum efficiency.
The configuration of the TTR 4400 HST, featuring hydrostatic transmission, ACTIO™ chassis, low centre of gravity, reversible steering and isodiametric driving wheels, allows the vehicle to perform many different operations on all types of terrain, including plains, hillsides and rough ground. With TTR 4400 HST, the machine-tool combination can have various operative layouts in order to achieve a high standard of specialisation, performing many farming or urban maintenance activities, such as ground care, cleaning pedestrian areas, mowing motorway verges, care of sports fields, snow clearance, handling and digging in nurseries and on worksites.

4 UP TO YEARS EXG WARRANTY

DESIGN

The **AC** *family feeling*

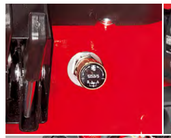
The streamlined and racy design of the bodywork copies the harmonious and resolute lines of the AC top-of-the-range series. Apart from its pleasing appearance, it also gives operators **total all-round visibility**. The singular compactness of the hood allows the tractor to manoeuvre in the tightest spaces.

The vertical front opening of the **hood**, assisted by a central supporting strut, assures ease of maintenance. The perfect engineering of the elements in the engine compartment simplifies inspections for cleaning the radiator or checking water and oil levels.

The solid **cast-iron bumpers** protect the engine and radiator and increase the stability of the vehicle thanks to the greater weight on the front axle.

The powerful radiator, located next to the honeycombed grille at the front of the hood, assures exceptional **heat exchange** in all conditions.

The innovative **lighting equipment integrated** into the mudguards, featuring top quality designer optical assemblies, allows the tractor to be used round the clock.



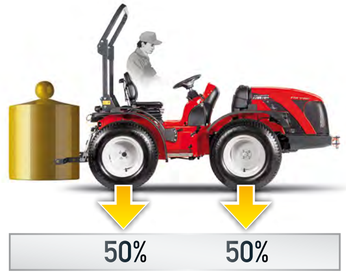
HYDRAULIC SYSTEM AND EQUIPMENT

The standard hydraulic system comprises two double-acting distributors with floating position, one single-acting distributor with floating position, one oil return valve, one double-acting distributor with floating position replicated at the front and a standard category 1 hydraulic power lift. The filtering system is located outside the tank for ease of maintenance and enhanced filtering capacity.
The power lift is fitted with a descent **flow adjuster** which modulates the speed of movement of the equipment according to its mass.
The integrated lift/hydraulic plant/PTO system allows the equipment fitted at the back or front to be rapidly interchanged or mounted together.
Grass cutter, mower, shredder, digger, baler, mill, lateral hedge arm, blade and snow plough, trailer, sprayer, are just some of the commonest pieces of equipment for the TTR 4400 HST, a vehicle developed for the ground care, municipal and specialised farming sectors.

CHASSIS AND PLATFORM

Versatility and comfort in pride of place

A projecting engine, front steering axle and **ACTIO™** central joint with longitudinal oscillation are the distinctive features of TTR. The two oscillating parts independently follow the terrain and, partly thanks to the low centre of gravity, assure constant stability and traction. The combination of vehicle + equipment perfectly balances the tractor, distributing **50%** of the weight **on each axle**.



The driving platform is suspended on a **silent-block** and assures constant driving comfort, reducing operator stress and fatigue even after many hours of work.
There is a large amount of **living space** in the driving position, especially as regards the seat and limbs. The position of the controls, arranged in a logical sequence, is the outcome of analytical studies into ergonomics.

Another peculiar feature of the TTR 4400 HST is the **RGS ™Rev-Guide System**, positioned on a rotating turret, which allows the direction of driving to be reversed in just a few seconds in order to work naturally both with equipment towed from behind, pushed in front or applied facing the direction of travel.
It is sufficient to turn the seat/steering wheel/dashboard/pedal assembly by 180° to obtain the same driving position in the opposite direction without compromising accessibility or operating comfort: all the commands are located in an ergonomic position and in a logical sequence in all driving directions.
The **digital multifunctional instrument** manages all useful signals: LED's, rev counter, fuel indicator and temperature. The LCD panel signals the hour counter, speed and revs to the PTO.

JOYSTICK*

This allows the operator to have all the controls ergonomically grouped to the right of the seat in a logical sequence. Available for vehicles fitted with roll bar or cab, it electrically manages the power lift and the oil flow to the front and rear hydraulic couplers with the possibility of setting **2 working speeds**.

PNEUMATIC SEAT*

The perfectly comfortable Matrix fabric seat with **Grammer** pneumatic suspension (400mm wide) is fitted with a lower back support, reclining back and automatic adjustment in relation to the weight / height of the operator.

FRONT HYDRAULIC LIFT*

The installation of the front power lift with third hitch coupler highlights the versatility of the TTR 4400 HST.

TYRE GRIPS*

The extensive choice of tyres with different profiles and treads assures the tractor performs perfectly according to its use, type and ground conditions.

*Optional

ENGINE AND TRANSMISSION

A perfect combination for all purposes

The Yanmar direct-injection diesel engine giving **38 HP** at 3000 rpm provides a generous **maximum torque at just 1200 rpm**. This assures adequate power for all uses thanks to the torque promoting elasticity and **low fuel consumption**.

The special feature of the TTR 4400 HST is the **hydrostatic transmission** which allows the speed to be continuously changed from 0 to **30 km/h** and quickly inverts the direction of travel at any time using the balanced pedal. The combination of this engine with the hydrostatic transmission highlights the versatility and efficiency of the vehicle, also on sloping ground, assuring **maximum safety** both when braking and when starting without having to use the clutch pedal.

PLUS

+ Quality of components
+ Torque at 1200 rpm
+ Silent running
+ Fuel saving

Another active safety feature is the **OPS seat sensor** which only permits the tractor to start and move when the driver is on board.
The powerful **braking system** acts on the rear wheels. For special requirements, for example, haymaking on steep slopes, integral braking can be fitted to all four wheels.

The operator can establish the speed of the working vehicle at any time using the **speed-fix** system which can be easily activated using a dashboard button.

For delicate work on grass (soccer pitches or golf courses), the possibility of **disengaging the rear traction** and selecting the 1000 rpm of the PTO, as well as the standard 540, is particularly handy.