



Antonio Carraro spa

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PRESS RELEASE

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ANTONIO CARRARO: THE ERA OF THE "INTELLIGENT" TRANSMISSION

SALONVERT 2018 NEWS: the reversible steering **Tony 10900 TR** (4-cylinder turbo Kubota engine with 98 HP Phase 3B Common Rail electronic injection) represents the latest frontier of the Veneto-based company in terms of software controlled "intelligent" hydrostatic transmission that allows the operator to customise every step of the work and, therefore, ensure an optimal end result and simplified procedures. The software also provides diagnostics of the tractor which is monitored on a constant basis to ensure full efficiency in every situation. The transmission uses SIM - Shift In Motion technology - with 4 speed ranges with electronic control, that can be engaged when driving or at standstill. Tony is a compact and isodiametric tractor suitable for precision work like aeration, sowing, fertilisation, weeding and treating, while the constant speed allows for a homogeneous result and avoids the wasting of chemical products or time, for better quality work. FOPS and ROPS certified AIR cab and Category 4 pressurisation are available on request to guarantee protection of the operator against the inhalation of harmful dust, aerosols and vapours. **At Salover 2018 it will compete in "Palmarés de Innovations"**.

The **Tony 10900 SR** (4-cylinder turbo with electronic injection Kubota engine, Common Rail with 98 HP, Phase 3B), with articulated chassis, represents (together with the TR steering version) the latest frontier of the Veneto-based company in terms of "intelligent" hydrostatic transmission controlled by software that allows the operator to customise every step of his work and, therefore, ensure an optimal end result and simplified procedures. The software also provides diagnostics of the tractor which is monitored on a constant basis to ensure full efficiency in every situation. The transmission uses SIM - Shift In Motion technology - with 4 speed ranges with electronic control, that can be engaged when driving or at standstill. The Tony tractors are compact and isodiametric and suitable for precision work like breaking up rocky terrain, sowing, fertilisation, weeding and treating, while the constant speed allows for a homogeneous result and avoids the wasting of chemical products or time, for better quality work. A FOPS and ROPS certified AIR cab and Category 4 pressurisation are available on request to guarantee protection of the operator against the inhalation of harmful dust, aerosols and vapours.

The **TTR 7600 Infinity** unites the *Infinity* hydrostatic transmission with the wide track ACTIO™ steering chassis, ideal for working on slopes, in haying, embankment grass mowing, roadway maintenance along with the maintenance of urban areas and sports fields. The engine is a 4 cylinder, 74 hp, turbo Kohler, homologated in Phase 3B. There are two mechanical speed ranges available (1-15 and 0-40 km/h) each with three hydrostatic speeds that can be selected via a joystick and can be inserted whilst in movement, without losing traction. The forward pedal assists braking on slopes and stops the vehicle in complete safety when it is released, even without using the brakes or the clutch. The hydro-pneumatic suspension of the equipment with the co-axel cylinders Uniflex® (AC patent) guarantees stability and operative comfort on uneven ground, instead during road transfers it stabilises the vehicle thanks to its damping effect. The TTR can be fitted with a very spacious Extracomfort cab (optional), which is fitted with every comfort, and guarantees excellent visibility on all fronts and directly on the equipment during reverse drive.

R SERIES: PROFESSIONAL HIGH LEVEL

There are seven 10900 R Series versions (TRX, TRG, TGF, TTR, SRX, Mach 4 and Mach 2) with 98 HP (Kubota Phase 3B engine) that distinguish the configuration of each type of ACTIO™ AC chassis with oscillation: steering, with low-profile design and with wide or with narrow articulated wheel track. **During Salonvert 2018, centre stage will be given to the**



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Mach 4 four-track tractor with articulated chassis, which is becoming more and more popular, distinguishing itself for its layout, and most of all for its performance.

Mach 4 R - THE VERY BEST

Mach 4, four-track tractor with reversible drive, is the top of the R Series in terms of performance, beauty and charm. It was conceived to ensure safe working conditions in extreme sloping or difficult terrains, or in case of mud and snow, ensuring productivity in situations impossible for a wheeled tractor. The rubber tracks allow the vehicle to sort of "float", whilst at the same time ensuring stability and good adhesion to the soil and good traction, making the work profitable and safe. The articulated frame and the steering geometries make it possible to tackle extremely narrow bends without sticking, avoiding the typical pivoting turns of standard articulated vehicles that cause damage to the headlands (that subsequently will need repairing) between a crop row and the next. It's available with category 4 pressurized cabin and with a wide range of optional accessories for every need. Differently from traditional articulated vehicles, it is as comfortable as a wheeled tractor and can travel on the road at speeds of up to 40 km/h.

TTR 4400 HST II: MULTIPURPOSE ACE

It is an isodiametric very compact tractor with a hydrostatic transmission fitted with an RGS™ reverse drive system, suitable for carrying out maintenance activities in the civil sector, on sports fields, horse racing tracks and stables; it is also designed to look after roadside embankments, city parks and winter roadway maintenance. Tyre pressure is set at 0.5 kg/cm² (7 lbs p.s.i.). This allows the TTR to be employed on delicate, soft or wet terrain without damaging the ground. It is fitted with a 38 hp, 3-cylinder, direct injection Yanmar engine which is quiet, environmentally friendly and economical to run. The speed-fix system allows forward speeds to be set according to given requirements. The ACTIO™ chassis with its low centre of gravity, the RGS™ reversible drive system (in order to be able to use front fitting and trailing equipment) along with the PTO set at 540/1000 rpm all contribute to making this model highly suitable for numerous operative settings. Available with an air-conditioned cab, it can be fitted with an on-off joystick to control the equipment, powerlift and front PTO on the side of the engine and the rear powerlift with double effect cylinders.

SP 5008 – AC KOMMUNALMASCHINE

It is an articulated hydrostatic tractor with a 4 cylinder, 46 hp *Yanmar* engine, which renders it ideal for urban maintenance such as roadways, embankment clearing, snow clearance and the looking after public parks and gardens. Comfortable, quick and versatile when carrying out numerous maintenance tasks, it was designed with a *Joystick* and fully optional cab which is extremely comfortable and has 360° visibility. It has numerous accessories, which come as standard: radio mp3, air conditioning, coat hooks, drinks holder, smartphone holder. The SP is fitted with a loading platform positioned on the bonnet. It can be fitted with front, rear and top fitting equipment, which allows it to work with all kinds of equipment from the mower to the sweeper and snowblade to the gritter. The drive platform is suspended on Silent Block to provide maximum comfort. The pneumatically sprung seat is complete with armrests and headrests. The adjustable steering wheel and the electrohydraulic inverter lever on the steering wheel allow the operator to work in total relaxation for many hours. The forward movement pedal, which controls the hydrostatic transmission, renders the driving of the tractor safe and practical. The hydraulically controlled brakes guarantee maximum safety with modular stopping. The JM™ *Joystick* for equipment control is positioned ergonomically. For those tasks that require constant speed, the *Speed-fix* button allows the required working speed to be fixed.

TIGRE 4000 THE ALL-ROUNDER

Isodiametric, steering, mechanical with a 31 hp, 3-cylinder *Yanmar* engine (max torque 1700 rpm) it replicates, on a smaller scale, all the features of the top of the range AC tractors. Apart from the design aesthetics, the ACTIO™ oscillating chassis, the low centre of gravity and ground clearance (275 mm) that allow it to work on extremely uneven ground, it provides an ample, comfortable, ergonomic drive position, despite its compactness. It is an all-rounder,



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designed to satisfy the various maintenance or cultivation activities on private and public green areas, on small agricultural plots, in vegetable gardens and in greenhouses. Its handling is guaranteed by the turning circle, which remains the lowest of its category at 2870 mm. The bonnet has a large steel grille that protects the engine on all three sides and guarantees excellent thermal exchange. The vertical opening of the bonnet allows for quick and practical inspections of the engine. The front bumpers, which act as ballast and cup-protection are fitted with an integrated trailing hook. The PTO, set at 540 rpm is synchronised with all the speeds of the gearbox, whilst the powerlift has an 850 Kg capacity.

TN 5800 TMAJOR – THE BASIC EQUAL-WHEELED TRACTOR

Endowed with a 4-cylinder Yanmar engine with 49.7 hp, this is one of the top models of the new TMajor series, a line of tractors which takes its inspiration from hill, mountain or plain specialised agriculture typical of the Mediterranean basin. Its configuration assures traction, manageability and compactness in rugged and irregular lands with an easy all-round performance especially in narrow places. The ACTIO™ chassis has a low centre of gravity; the steering is servo-assisted; the 12+12 transmission is synchronised and with inverter; the PTO is independent and synchronised at 540 rpm/minute. The bonnet, with vertical opening and separated access to battery and air filter, allows for easy maintenance. The TMajor Series tractors are the natural heirs of AC's long tradition in the medium power equal-wheeled tractor segment: they offer the operator maximum comfort with a large driver's seat, suitable to any weight, in addition to hydraulic systems meeting any requirement. They certainly have the best quality-price ratio for the modern farm. TN 5800 TMajor can benefit from an extended warranty package (EXG) up to 4 years.

Other press releases and high-resolution images are available in the Press section of the website
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