



# AC PRESS

ANTONIO CARRARO NEWS



PRESS RELEASE

07/09/2023

## ANTONIO CARRARO AT AGRILEVANTE

5-8 OCTOBER 2023, BARI (Italy)

STAND C26 - NEW PAVILION

### TONY SERIES: THE BEST OF THE AC HYDROSTATICS

*The TONY Series is the star of the show at Agrilevante 2023. It is made up of models with a hybrid mechanical-hydrostatic transmission run on software: TONY 11700 V, TONY V narrow and TONY V super narrow 1m, conventional-frame tractors; Mach 4 TONY, the first reversible quad track with a cab, an articulated-frame and a hydrostatic transmission, which was a finalist in the Best of Specialized category for Tractor of the Year 2023. The latest born TONY 8900 TRG low was awarded the "Segnalazione" prize in the Agrilevante 2023 Technical Innovation Competition;*

The **TONY Series** represents the cutting edge of AC production. It consists of models with a **hybrid mechanical-hydrostatic transmission** run on software with SIM - Shift In Motion technology: it offers 4 electronically controlled speed ranges, which can be engaged from a standstill or on the move. It is a compact transmission with automatic functions managed by the ITAC (Intelligent Tractor AC) operating system, such as the Tractor Management Control (TMC) that simplifies all driver operations. This centralised control is designed to ensure that the tractor is always working in optimum conditions, in terms of cost savings and productivity. The system guarantees several functions, including maintaining its parameters while at work, even during changes in uphill and downhill slopes. ITAC contains all the safety systems and monitoring of the tractor's diagnostics for scheduled vehicle maintenance. The operator can set, customise and save the parameters for each task and access any chosen combination when necessary as well as make any changes during the various phases in accordance with any variation in the terrain and type of cultivation. Its speed is independent of the engine revolutions: both can be programmed separately. The speed range is from 40 m/h to 40 km/h.

### New TONY 8900 TRG "Low"

The Tony 8900 TRG low is a specialised, steerable, reversible tractor with different size wheels and a hydrostatic transmission, specialised in the cultivation of citrus crops, olive groves and orchards, as well as working in vineyards on steep slopes. This tractor has different size wheels which provide excellent traction and ground grip even on extremely steep slopes, and having smaller front wheels allows in addition for very precise steering. It is fitted with a Kubota 4-cylinder, electronically injected engine with 74.2 hp and a torque of 305 Nm at 1500 rpm. Add all these features together and you have a compact, stable tractor with excellent ground clearance and optimum power at low engine revolutions, which translate into greater comfort thanks to reduced vibrations and very low noise levels. This tractor was designed to have a very low centre of gravity and consequently it has the lowest driver's seat on the market and was awarded the "Segnalazione" award at the Agrilevante 2023 Technical Innovation Competition.



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## **TONY 8700 V / 11700 V - New hydrostatic conventional-frame tractors**

*A finalist in the prestigious Tractor of the Year 2021 awards, the Tony V represents the first conventional-frame, mono-directional, cab-mounted AC tractor and thus expands the already vast choice of 'tailor-made' models for each and every AC customer.*

The conventional-frame tractors in the Tony V series are now available in two Deutz, direct-injection, Common Rail, 4-cylinder, 16-valve, 2924 cc turbo diesel engines with intercooler. For both versions the dimensions remain compact, with a minimum width of just 980 mm.

**Tony 8700 V** > Max. power 75hp at 2000 rpm/ Max. torque 375 Nm at 1400 rpm

**Tony 11700 V** > Max. power 110hp at 2000 rpm/ Max. torque 420 Nm at 1600 rpm

The **TONY V** are fitted with digital functions that simplify the task at hand. They are versatile tractors, designed for rowed crops and are specialists in carrying out precision tasks by operators who need to work with a combination of different equipment. Operating comfort is provided by a spacious driver's seat with ergonomically positioned controls. Furthermore, the machine's versatility of use is ensured by the possibility of being able to fit rear, front and ventral pieces of equipment. Its design and construction make it particularly agile in places where manoeuvrability and trajectory precision are crucial.

The hydraulic system consists of mechanical gear pumps and a variable piston hydraulic pump. *Load-sensing* management and an oversized pipe circuit reduce pressure losses enabling it to operate at low engine revolutions with high hydraulic flow rates. It offers a solution that drastically lowers the environmental impact (CO<sub>2</sub>) by **reducing fuel consumption**. The hydraulic tank capacity is 35 l and has two *Zero-Pressure* outlets: one at the rear and one on the ventral section. Its hydraulic flow goes up to 137 l/min (with *extra flow*) and has a variable displacement pump that is only activated when in use. The hydraulic system offers up to 9 independent electronic double-effect distributors (4 + 1 REP (front) rear and 5 ventral).

**TONY V** tractors come fitted with the **AIR V** cab as standard, which features the most technologically advanced driving position in the entire AC range. The driving position is located on a spacious platform suspended on silent-blocks. The low centre of gravity and minimalist central tunnel grant the operator easy access and a comfortable, anti-fatigue position. While at work, there is a direct view over the rear equipment, which gives the operator the sensation of being "above" it. The smaller front wheels provide a steering angle of 55° with an extremely tight turning circle. The cab with four uprights is spacious and equipped with every comfort; it provides automatic climate control that can be controlled from the digital display on the driver's console. It is pressurised in Cat. 2 or 4 and is FOPS and ROPS approved.

All the headlights for traffic circulation are LED and the rear ones are integrated into the roof: their raised position is useful for increasing visibility in the space around the tractor, even with mounted equipment. The rear-view mirrors can be adjusted electrically.



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## **Mach4 TONY – Quad track with hydrostatic transmission FINALIST Tractor of the Year 2023 - Best of Specialized**

Available with two engines at 73.2hp Stage 5 and at 96.7hp 3B for the Italian market, the **Mach4 TONY** is a unique model: it is a reversible quad track tractor, fitted with 4 rubber tracks with a minimum width of 1300 mm, that has a hydrostatic transmission on an articulated chassis. It comes with a pressurised and air-conditioned A/R cab with ROPS - FOPS Cat. 4 certification. It is a tractor with interconnectable electronics suitable for Agriculture 4.0 that can guarantee maximum efficiency in crop spraying while respecting the soil cover in sophisticated organic farming processes. This tractor adapts well to working conditions that other tractors find impractical, offering stability and operational safety at the highest level.

The 4 tracks are an AC solution developed and tested in 2007, which has seen the introduction of the new rubber "Tracks" capable of high performance in the field, with minimum soil compaction and capable of excellent performance when carrying out tasks on vertical or lateral slopes, on slippery terrain, in mud and on sand. Its maximum speed with road homologation (not given to classic tracked vehicles) is 30 km/h.

## **THE SUPER-COMPACTS WITH MECHANICAL GEARBOX**

### **THE TORA SERIES: 50 - 66 hp PROFESSIONALS**

*The Tora Series offers unprecedented technical solutions and hydraulic capacities for the 50 to 60hp power range. The Gearbox and PTO are the same as those used in the AC flagship Series. The driver's seat is placed on a platform suspended on silent-blocks to ensure maximum operating comfort. The overall dimensions are extremely compact in all the models with both 52 and 66hp engines, available in 6 different configurations with an ACTIO™ oscillating frame articulated or with steering wheels, mono-directional or with RGS™ reversible steering. What sets this series of tractors apart is their advanced hydraulics and high-level operating comfort, all of which is aimed at optimising farm costs.*

### **SN 6800 V - Narrow mono-directional 66hp**

The SN 6800 V is the narrowest, isodiametric, mono-directional tractor with an articulated frame of the entire Tora Series. It is a specialised tractor with a sleek, compact design, wrap-around mudguards, flush sides and a low driver's seat: essential elements for agile manoeuvring through vegetation and between the narrowest and lowest rows of crops. Thanks to its articulated chassis and short wheelbase, this model provides a tight turning circle. The minimum available width of this model is only 98 cm. It is fitted with double oil bath disc brakes and an integrated mechanical *Superbrake* system. In addition to working in narrow rows, the SN is also intended for work in greenhouses, in the tightest spaces or where short-radius slalom movement is required. Its perfect weight distribution guaranteed by the ACTIO™ chassis on all four drive wheels ensures grip, stability and safety even on slopes. The powerful *Load Sensing* hydraulic system, with a flow rate of over 50 l/min, allows the tractor to be used with a wide range of implements. As an optional extra, the new soundproofed and air-conditioned 4-upright *REDCab\** ensures easy access and maximum visual control when working between rows with sprayers, mulchers and inter-rowers and any other specialised, multifunctional equipment.