

ActiveDrive independent wheel front suspension:
A unique result of specialised SAME experience.

SPECIALISED
TECHNOLOGY

ACTIVEDRIVE



The independent front arm suspension is the result of SAME's leading experience in specialised technology. This exclusive innovative solution means that on Frutteto S/V ActiveDrive tractors, each front wheel can move up and down completely independently of the other. All of this has been achieved without impacting the size of the machine and by actually lowering the centre of gravity, improving weight distribution and, as a result, making the machine more stable and safe. This truly formidable package of advanced features allows SAME to offer levels of driver comfort and stability which, until now, had been the sole domain of high-power tractors.

Anti-dive and Anti-roll functions. Superlative stability, safety and grip.

The innovative suspension geometry and the exclusive control software, mean the Frutteto and Frutteto CVT ActiveDrive also offer Anti-dive and Anti-roll functions. Anti-dive improves braking stability and safety by countering sudden front suspension compression and the subsequent shift in load towards the front axle, while Anti-roll automatically adjusts the stiffness of the system

in relation to steering angle and ground speed to maximise stability and grip both in the field and on the road.

Superior comfort, whatever the terrain.

ActiveDrive suspension, managed by an adaptive electro-hydraulic system, works in synergy with the electronically controlled differential (DTC), offering levels of driving comfort unattainable by any other specialised tractor. The permanently active self-levelling function keeps the cylinders as close to their mid-stroke positions as possible, maximising available suspension travel in all operating conditions. Completing the capabilities of the system, the DTC – the innovative differential with an automatic, progressively engaged differential locking system – is capable of locking by up to 100% to prevent the front wheels from slipping and ensure constant traction in varying grip conditions.