

HD9 10x4/10x6/10x8 2+3 REAR STEER CONFIGURATION ASTRA HD9 Rigid 8x4/8x6/8x8



DESCRIPTION

Conversion developed by System Truck in direct cooperation with ASTRA for the application of a rear (tag) axle on the 4-axle HD9 Rigid range vehicles. The converted vehicle does not have European homologation and must be ordered directly to ASTRA Veicoli Industriali.

The conversion to a 5-axle vehicle (10x4*6 or 10x6*6 or 10x8*6) is carried out through the application of a rear **axle** with single wheels, **steering hydraulically**, with drum brakes and pneumatic suspension. The added axle is not liftable and it benefits from a traction control system for increased grip which can be used up to a speed of 30 km/hr. The maximum allowed weight can be **9, 10 or 11.6 t**.

System Truck's Technology system for the hydraulic control of the added axle steering is completely independent from the front steering system and therefore does not affect in any way the original vehicle driving comfort.

TECHNICAL NOTES

The base vehicle model for this conversion is ASTRA HD9 Rigid 8x4*4 or 8x6*4 or 8x8*4, with all wheelbase and distance between axles lengths and all tyres specified by the manufacturer.

The distance between the 4th and 5th axles must be defined when placing the order. The tyres of the added axle are identified each time depending on those mounted on the base vehicle axles.

The approximate tare increase, including tyres and wheel rims and rear overhang extension, is ~1500 kg.

Alongside the conversion 10x4*6 or 10x6*6 or 10x8*6, we can make further modifications (extension or reduction) of the **wheelbase** and/or of the **rear overhang** of the vehicle, and/or provide for the **repositioning of components** applied to the chassis (moving them from one side to the other or to the rear overhang) in order to achieve a configuration suitable for the foreseen body, as well as the installation on the vehicle of a **vertical battery box** designed and supplied by System Truck, smaller than the original one.

For any further information and to ask for custom designed solutions to meet your specific needs, please don't hesitate to contact our Commercial Office:

T +39 (0)376 1590804 commerciale@st-truck.com