

S-WAY 6x2 LOW TRACTOR – MML

IVECO S-Way AD/AT 440S T/FP LT

GVW 23.5 t



DESCRIPTION

New solution, devised by System Truck engineering in order to achieve a road tractor with low-deck chassis with a GVW of 23.5 t. The transformed vehicle has EWVTA (European Whole Vehicle Type Approval).

The low configuration with MML (Mini Mid-Lift) is perfect for applications requiring an increased GVW, but also of the trailer volume (such as high-volume transport and vehicle transportation).

The conversion to a 3-axle (6x2) vehicle is carried out – starting from a tractor for semitrailer with fifth wheel model S-Way AD/AT 440S T/FP LT (4x2) – through the application of an intermediate fixed 4.6 t axle, with 17.5" single wheels and equipped with disc brakes. The suspension is pneumatic and features the axle lifting device with automatic operation for the axle drop. Also, a traction control system is present and can be used up to a speed of 30 km/hr.

TECHNICAL NOTES

Specifications of the **base vehicle** for the conversion to 6x2:

Model	IVECO S-Way AD/AT 440S T/FP LT 4x2
Suspensions	T/FP (full pneumatic)
Tyres	315/60 R22.5
Wheelbase (mm)	3800
Other	Tractor for semitrailer with fifth wheel (complete vehicle)

Specifications of the **vehicle converted** to 6x2:

Model	IVECO S-Way AD/AT 440S T/FP LT 6x2	
Distance between axles (mm)	2 nd - 3 rd axle	1045
	1 st - 3 rd axle	3800
Suspensions central added axle	Pneumatic (with lifting and automatic dropping device)	
Tyres central added axle	235/75 R17.5 or 245/70 R17.5	
Tare increase (kg) (including tyres and wheel rims)	~500	
Maximum allowed weights (kg)	1 st axle	7500/8000
	2 nd axle	4600
	3 rd axle (drive axle)	11500 ¹
	2 nd + 3 rd axle	16000
GVW ² (max) (kg)	23500	
GCV ³ (min – max) (kg)	40000 – 60000 ⁴	
Technically permissible maximum mass at the coupling point (kg)	15000	

The converted vehicle is homologated with II stage European homologation (WVTA) and is accompanied by the certificate of conformity (CoC).

For any further information and to ask for custom designed solutions to meet your specific needs, please don't hesitate to contact our Technical Commercial Office:
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¹ Always, regardless of the maximum weight of the base vehicle.

² Gross Vehicle Weight.

³ Gross Combination Weight: maximum technically allowable weight of the combined vehicle (tractor + trailer).

⁴ Weight is variable depending on the vehicle engine type and is the same with respect to the base vehicle.