

S-WAY 6X2 MML – CAR TRANSPORTER

IVECO S-Way 190S

MAX GVW 23,5 t



DESCRIPTION

New solution devised by System Truck engineering for vehicles dedicated to car transportation, with a GVW of 23.5 t. The converted vehicle has EWVTA (European Whole Vehicle Type Approval).

The configuration with MML (Mini Mid-Lift) is perfect for applications requiring an increased GVW and in particular for the equipment as car transporter.

The conversion to a 3-axle (6x2) vehicle is carried out – starting from the S-Way 190S (4x2) range vehicles – through the application of an intermediate fixed 5 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 car transporter:

Model	IVECO S-Way 190S 4x2	
Suspensions	/P (rear pneumatic) <i>or</i> /FP (full pneumatic) <i>or</i> /FP-CT (car transporter) <i>or</i> /FP-GV (high cube)	
Wheelbase (min - max) (mm)	3800 - 5700	
Tyres	front	rear
	295/60R22.5	295/60R22.5
	315/60R22.5	315/60R22.5
	355/50R22.5	315/60R22.5

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

Model	IVECO S-Way 190S 6x2	
Distance between axles (mm)	1 st - 2 nd axle (min - max)	2710 - 4655
	2 nd - 3 rd axle	1045 / 1090
Suspensions central added axle	Pneumatic (with lifting and automatic dropping device)	
Tyres central added axle	245/70 R17.5 <i>or</i> 235/75 R17.5	
Track (min - max) (mm) central added axle	2128 - 2290	
Tare increase (kg) (including tyres and wheel rims)	~650	
Maximum allowed weights (kg)	1 st axle	6700 / 7500
	2 nd axle	5000
	3 rd axle (drive axle)	12000
	2 nd + 3 rd axle	16500 (technical) / 16000 (legal) ¹
GVW ² (max) (kg)	23200 / 23500	
GCW ³ (max) (kg)	40000 / 44000 / 50000 (technical)	

If the body equipment requires it, the conversion can be carried out with a **wide track axle** (2290 mm) in order to leave space for the equipment between the wheel and the chassis.

Alongside the conversion to 6x2, System Truck can provide for modifications (extension or reduction) of the **wheelbase** and/or of the **rear overhang** of the vehicle, as well as 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.

The converted vehicle is homologated with II stage European homologation (WVTA) and is accompanied by the certificate of conformity (CoC) for incomplete vehicle⁴.

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

¹ The legal GVW can vary according to single country regulations, which must always be checked.

² Gross Vehicle Weight.

³ Gross Combination Weight: maximum technically allowable weight of the combined vehicle (rigid + trailer). The GCW is the same with respect to the base vehicle.

⁴ The vehicle must be completed by the bodybuilder in order to be registered.