

X-WAY 10x4 – 2+3 CONFIGURATION REAR

IVECO X-Way 350/360X Z/P ON+

Brake tested up to 48 t



DESCRIPTION

New conversion developed by System Truck for the application of a rear (tag) axle on the new MY2019 range vehicles X-Way 350/360X Z/P ON+ (8x4*4).

The conversion to a 5-axle vehicle (10x4*6) is carried out through the application of a rear axle¹ with single wheels, steering hydraulically, with disc brakes. The suspension is pneumatic and features the axle lifting device with automatic operation. The rear axle suspension benefits from a traction control system for increased grip which can be used up to a speed of 30 km/hr.

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.

¹ The added rear axle is an **original IVECO** axle for maximum allowed weights of 8000 and 8600 kg.

TECHNICAL NOTES

Specifications of the **base vehicle** for the conversion to 10x4*6 2+3 rear:

Model	IVECO X-Way AD/AT/AS 350/360X Z/P ON+ 8x4*4		
Suspensions	/P (rear pneumatic)		
Wheelbase (min – max) (mm)	4250 – 5820		
Distance between axles (mm)	1 st – 2 nd axle	1875	
	2 nd – 3 rd axle (min – max)	2375 – 3945	
	3 rd – 4 th axle	1395	
Tyres	315/80 or 385/65 or 13 R22.5 (standard) 315/70 or 385/55 R22.5 (low profile)		

Specifications of the **vehicle converted** to 10x4*6 2+3 rear:

Model	IVECO X-Way AD/AT/AS 350/360X Z/P ON+ 10x4*6					
Suspensions added rear axle	Pneumatic (with automatic lifting device)					
Wheelbase (min – max) (mm)	4250 – 6200 ²					
Distance between axles (mm)	1 st – 2 nd axle	1875				
	2 nd – 3 rd axle (min – max)	2375 – 4325 ²				
	3 rd – 4 th axle	1395				
	4 th - 5 th axle	1410				
Tare increase (kg) (approximate value, including tyres and wheel rims)	~950					
Maximum allowed weights (kg)	1 st axle	8000 / 9000				
	2 nd axle	8000 / 9000				
	3 rd axle (drive axle)	9500	or	10500	or	11500
	4 th axle (drive axle)	9500		10500		11500
	5 th axle	8000 ³		8600 ³ /9000		10000
Brake tested up to (kg)	48000					
GVW ⁴ (max) (kg)	41000 (technical)					
GCW ⁵ (max) (kg)	44000 – 60000 ⁶ (technical)					

Body fitting dimensions must be checked each time with System Truck and with the subsequent bodybuilder according to the actual vehicle configuration.

The tyres of the added axle are identified each time depending on those mounted on the base vehicle axles.

The converted vehicle has been homologated for the Korea market with a GVW of 41 t. In this configuration it has II stage European homologation (WVTA, Whole Vehicle Type Approval) and is accompanied by the certificate of conformity (CoC) for incomplete vehicle⁷, allowing registration in all European countries.

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

² With wheelbase extension with respect to the base vehicle.

³ Original IVECO axle.

⁴ Gross Vehicle Weight.

⁵ Gross Combination Weight: maximum technically allowable weight of the combined vehicle (rigid + trailer).

⁶ Weight is variable depending on the vehicle engine type and the number of spring brakes, and is the same with respect to the base vehicle.

⁷ The vehicle must be completed by the bodybuilder in order to be registered.