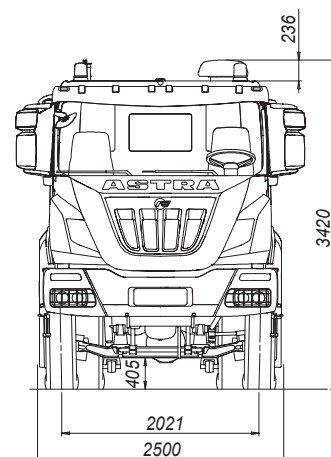
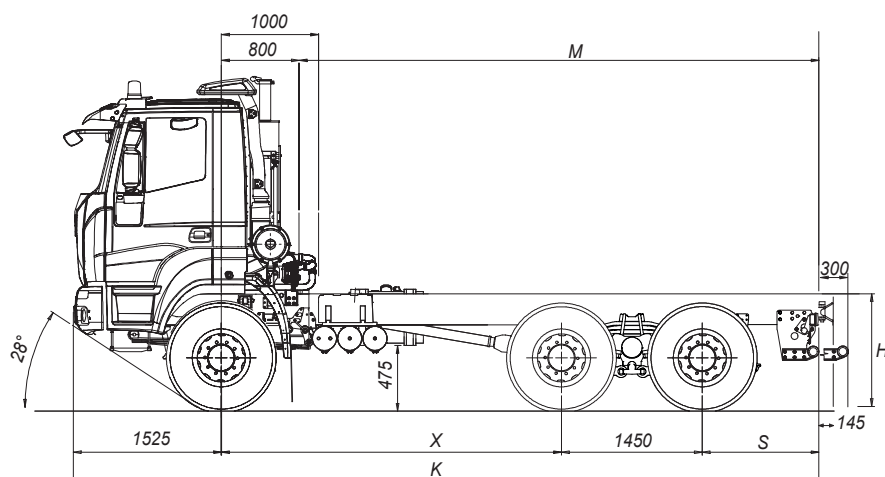




## chassis-cab 6x4 64.38 / 64.42 / 64.44 / 64.48 / 64.54



### DIMENSIONS (mm)

X	K	M max (*)	S	H		TURNING DIAMETER (WALL TO WALL)
				unloaded	loaded	
3200	7375	5050	1200	1195	1129	17070
3500	7675	5350	1200	1195	1129	18010
3800	7975	5650	1200	1195	1129	18960
4100	8275	5950	1200-1500-1900	1195	1129	19910
4500	8675	6350	1200-1900-2600	1195	1129	21170
4750	9625	7300	1900	1195	1129	21970
5100	9975	7650	1900	1195	1129	23000

(\*) M max.: indicative value calculated in std configuration to be confirmed by bodybuilder.  
Vertical dimensions with standard tyres 13 R22.5



### WEIGHTS (kg)

X	Distribution net weight (*)			Max technical weight			
	First axle	Rear axles	Net Weight	First axle	Rear axles	Gross Vehicle Weight	Gross Combination Weight
3200	4860	4730	9590	8000 9000 (1)	32000 (2)	40000 (2)	56000 (3) 130000 (4)
3500	4890	4730	9620				
3800	4930	4740	9670				
4100	4950	4745	9695				
4500	4985	4745	9730				
4750	4965	4845	9810				
5100	5070	4785	9855				

(\*) Weights are referred to standard configuration and include: chassis cab (or tractor), driver (75 kg), full fuel tank, tools kit and spare wheel.

(1) With tyres on front axles 385/65R22.5 or 325/95R24 and reinforced springs (OPT).

(2) With tyres 325/95R24 or max speed limited to 70Km/h depending on pneus type and brand.

(3) This value is valid only for ZF Ecosplit 4 manual gearbox. The combination weight is 90.000 kg for ZF As-Tronic automated gearbox and 60.000 kg for Traxon automated gearbox.

(4) For manual gearbox with additional parking brake air chambers. Exceptional charge < 5% of the time of use of the vehicle.

Characteristics and equipment are subject to changes without prior notice.  
The data shown are indicative and non-binding.



## ENGINES

**CURSOR 13** turbo intercooler euro 3 diesel injection/cycle with electronic unit injection pumps. Single block head, four valves per cylinder, light alloy pistons. Total displacement: 12.882 cm<sup>3</sup>. Bore for stroke: 135x150 mm. 6 in-line cylinders. Water cooling. Dry air filter with safety cartridge. Vertical muffler.

	64.38	64.42	64.44	64.48	64.54
<b>Model</b>	<b>Cursor 13</b>				
Max power (EEC)	280 kW (380 HP)	309 kW (420 HP)	324 kW (440 HP)	353 kW (480 HP)	397 kW (540 HP)
Corresponding rpm	1900 rpm				
Max Torque (EEC)	1.800 Nm (183 kgm)	1.900 Nm (194 kgm)	2.100 Nm (214 kgm)	2.200 Nm (224 kgm)	2.350 Nm (240 kgm)
Turbine	WG (Waste Gate)		VGT (Variable Geometry Turbine)		



## GEARBOX

Manual **ZF Ecosplit 4** technology gearbox with servoshift, 16 synchronised forward speeds + 2 reverse. First/last speed ratio: 13.80/0.84.

**On request:** Automated **ZF AS-Tronic** 16 forward speeds + 2 reverse. First/last speed ratio: 14.12/0.83.

Automated **ZF Traxon**, 12 forward speeds + 2 reverse. First/last speed ratio: 12.92/0.77.



## CLUTCH

Single dry plate, diameter 17". Pull type engagement with diaphragm spring. Hydro- pneumatic power steering engagement control, with driven disk wear recovery slave cylinder.



## AXLES

### FRONT:

Steering, hot moulding in high tensile steel. Wheel stud protection.

### REAR:

Two drive axles in tandem. Double reduction: crown wheel and pinion centrally and epicyclic group in wheel hub. Torque distribution between the axles by means of a distributor fitted on the intermediate axle. Lockable differentials from driver seat. Tandem assembled to the chassis by reaction rods with silentblocks.

### On request:

Rear-axle ratio 1:3,793; 1:4,229; 1:5,009; 1:5,558; 1:6,095; 1:6,588.



## SUSPENSIONS

### FRONT:

1<sup>st</sup> axle, parabolic springs, n° 4 leaves 24x90 mm, with hydraulic shock absorbers. Standard stabilizer bar.

**On request:** Reinforced parabolic springs, n° 5 leaves 24x90 mm.

### REAR:

Parabolic springs, swivelling on central pin: n° 4 leaves 40x100 mm.

**On request:** Stabilizer bar on 2<sup>nd</sup> axle. Stabilizer bar on 3<sup>rd</sup> axle.

Extra-reinforced conventional springs, n° 10 leaves 25x100 mm.



## CHASSIS

Special steel with high tensile strength limit, two flat and parallel side members (width 820 mm.), C section (320x90x10 mm), cross members bolted to the frame.

R.B.M. (Rail Bending Moment): 202.020 Nm (20.593 Kgm). Steel front bumpers with headlamp protection grids, front manoeuvring hook, rear underrun bar, steel fuel tank capacity 300 litres.



## TYRES

**FRONT:** 13R22,5 156/150 G Single tubeless.

**REAR:** 13R22,5 156/150 G Twin tubeless.

Spare wheel on the chassis.

Other possible combinations:

315/80R22.5 156/150K

385/65R22.5 160J + 315/80R22.5 156/150K

325/95R24 162/160K.

Other tyres available, subject to the Astra technical office approval.



## BRAKES

Front and rear "duo-duplex" self-adjusting wedge type brakes with automatic play take-up. Total net braking surface 9.276 cm<sup>2</sup>. ABS + EBL system.

**Service brake:** Pedal controlled air brake, acting on all wheels.

Solo vehicles: two independent circuits, one for 1<sup>st</sup> axle, one for 2<sup>nd</sup> and 3<sup>rd</sup> axle.

Towing vehicles: three independent circuits, one for 1<sup>st</sup> axle, one for 2<sup>nd</sup> and 3<sup>rd</sup> axle and another for the trailer.

**Emergency brake:** Incorporated in service brake.

**Parking brake:** Manual spring-type with pneumatic control acting on 2<sup>nd</sup> and 3<sup>rd</sup> axle wheels.

**IVECO BRAKE TURBO** engine brake.

### On request:

Hydraulic additional braking system on transmission (only for automated gearbox).

OFF/ROAD button for excluding ABS for speed 15 kph.



## STEERING

**ZF 8098** quadrilateral power steering on front axle wheels with variable ratio 1:22.2/1:26.2 with auxiliary cylinder. Circuit with main hydraulic pump on engine and emergency pump on gearbox. Steering rods with self-lubricating joints. Height and inclination mechanical adjustable steering column.



## ELECTRICAL SYSTEM

Voltage: 24 V.

Alternator generator 90 A - 28 V (2520 W).

Accumulators: 2 in series, 180 Ah.

Starter motor 24 V 5,5 kW.

Mechanically controlled electrical circuit breaker.



## CAB

White short cab built in galvanized pressed steel with hydraulic tilting up to 60°. Cab suspension with 4 helicoidal springs with coaxial shock absorbers and integrated dampers, anti-roll bar and end-of-stroke pads. Tinted electric door windows. Internal panels completely washable and fireproof. Rapid pneumatic connection for cab cleaning. 4-speed ventilation and heating system with air recirculation system. Air suspended 3-way adjustable driver seat and mechanical passenger seat.