

OGRN (registration number)
1107847076193
TIN 7841422483

Date: **01.10.2025**
№: 01/1025

COMMERTIAL OFFER

Dear partners!

LLC «PIR» offers the widest range of models in the industry to meet the ever-changing and expanding requirements of your business.

ASTRA HD9 E5 – The new generation of Astra HD9 E5 vehicles combines 50 years of experience in the highly specialised field of heavy-duty truck manufacturing with the latest technology, which is represented by a new cabin and striking design, as well as significantly increased driver comfort. Increased comfort, improved visibility thanks to large windows and new rear-view mirrors, unique and cutting-edge design - these are the innovations combined with the extremely high reliability of the chassis and drive system of Astra makes Astra HD9 E5 an ideal choice for companies demanding maximum performance in every type of working conditions.

Vehicle type, manufacturer	Model
Dumper truck ASTRA	HD9 E5 (Rigid), rock hauling body CANTONI 20 м3

Special notification:

1. Warranty period: 12 months or 2000 usage hours, whichever comes first, no more than 15 months from the date of receipt of the vehicle.
2. Attachments: technical characteristics of the ASTRA HD9 dump truck with a CANTONI rock hauling body, load volume 20 м³

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Attachment № 1

Rock hauling dumper truck IVECO Astra HD9 E5 8x4 (chassis 8x4)



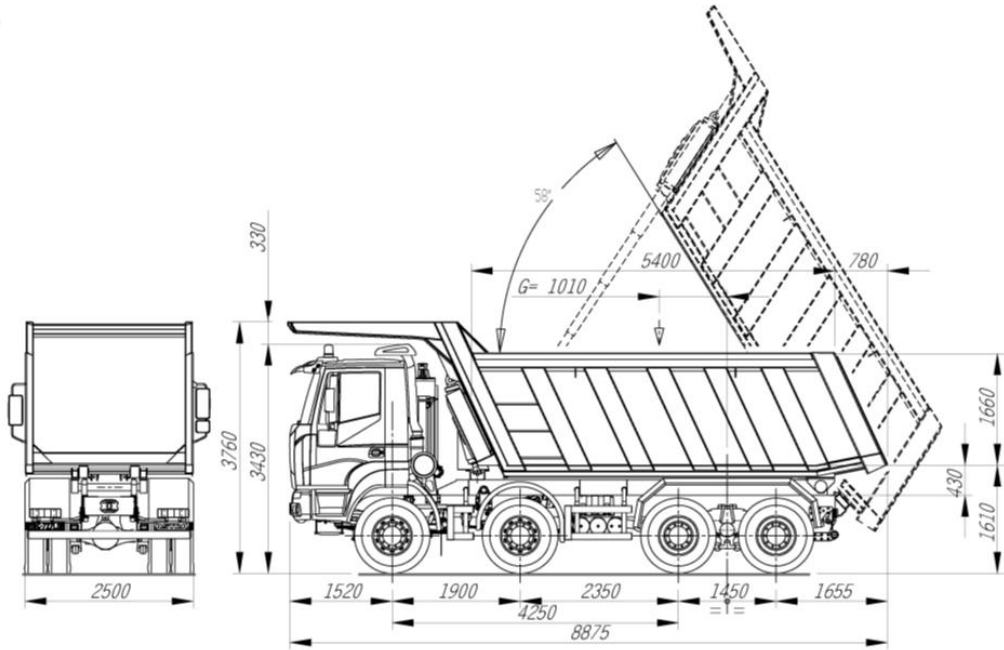
CHASSIS SPECIFICATIONS	
Model	Astra HD9 E5 84.48
Ecological class	EU-5
Engine model and displacement	12 880 cm ³ (Cursor 13)
Amount and placement of cylinders	6, line
Power	353 kW/480 ps
Fuel type	Diesel
Body color	RED
Drive configuration	8x4
Transmission type	Manual, 16 synchronized forward gears + 2 reverse gears (ZF 16 S 2220 TO Over Drive)
Wheel base	1 900 + 2350 + 1450 mm
Loaded weight	50 000 kg
Gross weight of haul train (dump truck + trailer)	104 000 kg
Curb weight	19 850 kg
Max load	30 150 kg
Maximum axle loads	9 000/9 000/32 000 kg
CHASSIS CONFIGURATION	
Anti-lock Braking System (ABS)	Electronic Brake Limiter (EBL)
Off-road ABS mode	Front and rear wedge-type self-adjusting “duo duplex” brake system
Air dryer for brake circuit	Special extra-heavy-duty rigid frame
Fuel tank 300 L	1st and 2nd axles with reinforced 4-leaf parabolic springs
Stabilizer bars on 1st, 3rd, and 4th axles	Standard heating system
Engine brake Iveco Turbo Brake (200 kW / 272 hp)	Protective grille for front and rear lights
Pneumatically controlled differential lock	Fuel filter with heating
Rear axle ratio: 1:6.588	Pneumatic driver’s seat
ZF hydraulic power steering on front axles	Vertical exhaust
Two-seat day cab	Heated electric side mirrors
Steel rims	battery disconnect switch (manual)

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Two-cylinder compressor, 630 cm3	Steel front bumper
Tyres: 325/95 R25	Battery capacity: 180 Ah
Seat with headrest	Manual cab tilting
Heavy-duty axles for severe operating conditions	Double-reduction gear
Cab independent heater (Webasto)	Engine pre-heating system (Webasto)
Spare parts catalogue in Russian	Digital tachograph MTCO
Severe climate adaptation set up	Multimedia system
ERA GLONASS system	Operator's manual in Russian
Spare Wheel	Standard tool kit

CAR BODY SPECIFICATIONS - CANTONI (Italy)

00630213



COMMON SPECIFICATIONS	
Manufacturer and model	Special tipping body for granitized rock CANTONI (Italy)
Load volume	20 m ³
Tipping body shape	Rectangular
Tipping body color	Red
MATERIAL AND GAUGE	
Side areas	Wear-resistant steel HB 450
	10 mm
Bottom	Wear-resistant steel HB 450
	15 mm
STANDARD CONFIGURATION OF THE TIPPING BODY	
Protective covering over the whole body	Durable rear mudguards
Spare wheel holder, winch type	Pneumatic control body tilting
Exhaust gas body heating system	Emergency manual body lifting system
Special rigid construction for rock hauling	Rear cross beam of the subframe
Rear side with the chain opening system	Zynk-covered toll kit
MAIN ADVANTAGE	
Advanced mobility	ASTRA vehicles have always demonstrated excellent maneuverability, and are ideal for use in confined spaces and on narrow city streets.

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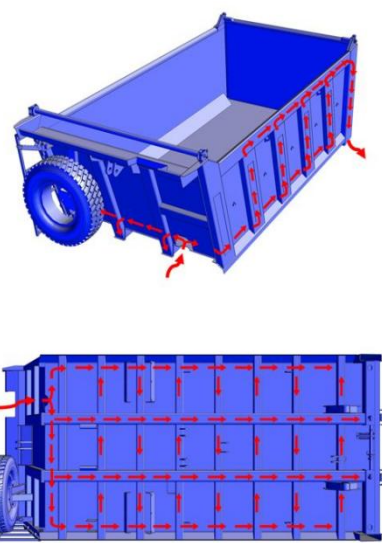
Efficiency	Due to the high performance characteristics, the efficiency of this car is higher than that of its Russian counterparts.
Personal production for every client	Thanks to our own design bureau and production capacities, our company is able to produce equipment individually for each client, based on the tasks set for the vehicle and operating conditions.



Rear side with the chain opening system



Exhaust gas heating system



The commercial offer is valid for 10 calendar days from the date of receipt. The manufacturer keeps the right to make changes to the design of the equipment without prior notice during the adaptation of attachments to the chassis during installation, as well as for the purpose of improving the operational performance of the equipment. Therefore, the technical specifications and parameters of the equipment indicated in this commercial offer, which are based on manufacturer documentation, may differ from the actual parameters of the final product. The actual parameters of the final product are specified in the specification at the time of signing of the sales contract for the specific finished product.