



Specification Details

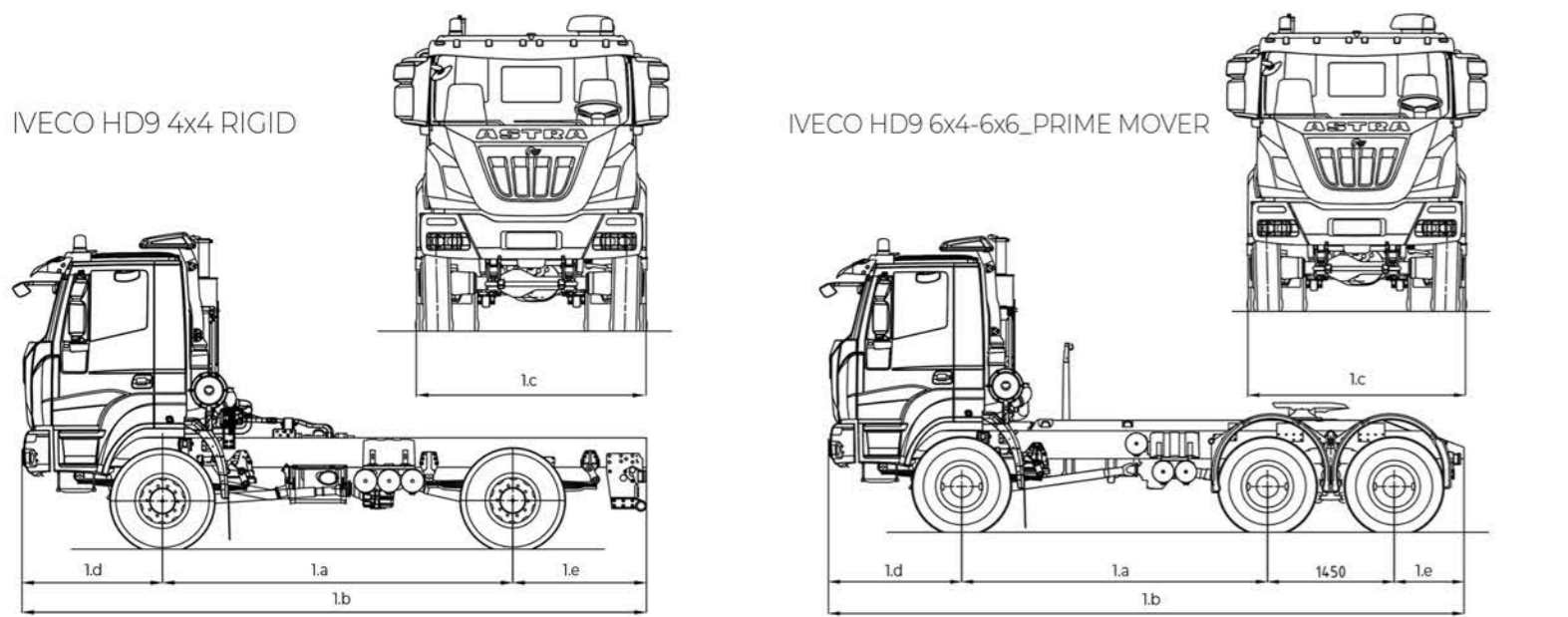
DETAIL SPECIFICATION IVECO HD9			PRIME MOVER			
No	Technical Specifications		IVECO			
			ASTRA HD9 64.54T 6X4	ASTRA HD9 66.48T 6X6	ASTRA HD9 66.54T 6X6	
1	Dimension	1.a	Wheelbase	3.500	3.500	4.100
		1.b	Overall Length	7.275	7.275	7.875
		1.c	Overall Width	2.500	2.500	2.500
		1.d	Front Overhang	1.525	1.525	1.525
		1.e	Rear Overhang	800	800	800
2	Engine	2.a	Model	CURSOR 13	CURSOR 13	CURSOR 13
		2.b	Type	Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler	Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler	Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler
		2.c	No. of Cylinders	6 in Line	6 in Line	6 in Line
		2.d	Bore x Stroke	135 x 150	135 x 150	135 x 150
		2.e	Displacement	12.880	12.880	12.880
		2.f	Max. Power Output	540 / 1.900	480 / 1.900	540 / 1.900
		2.g	Max. Torque	2.350 / 1.000 - 1.690	2.200 / 1.000 - 1.440	2.350 / 1.000 - 1.690
		2.h	Fuel Tank Capacity	300	300	300
3	Transmission	3.a	Type	ZF 16AS2631-TO, 16-Fwd, 2-Rev	ZF 16AS2631-TO, 16-Fwd, 2-Rev	ZF 16AS2631-TO, 16-Fwd, 2-Rev
		3.b	Gear Ratio	14.12 - 0.83	14.12 - 0.83	14.12 - 0.83
4	Transfer Case	4.a	Type	-	TC-2200	VG2700
		4.b	Ratio	-	1:1 - 1:6	1:0.913 - 1:1.407
5	Clutch	5.a	Type	Dry Single Plate	Dry Single Plate	Dry Single Plate
		5.b	Size	430 mm	430 mm	430 mm
6	PTO	6.a	Model	Transmission PTO	Transmission PTO	Transmission PTO
		6.b	Model	Transmission PTO	Transmission PTO	Transmission PTO
7	Wheels & Tyre	7.a	Disc Wheel	8,5" x 24" - 10 Studs	8,5" x 24" - 10 Studs	8,5" x 24" - 10 Studs
		7.b	Tyre (std) - Front	325/95 R24	325/95 R24	325/95 R24
8	Suspension	8.a	Front	Parabolic Spring	Parabolic Spring	Parabolic Spring
		8.b	Rear	Multileaf Spring	Multileaf Spring	Multileaf Spring
9	Axles	9.a	Front capacity	9.000	9.000	9.000
		9.b	Rear capacity	32.000	32.000	32.000
		9.c	GVW	170.000	180.000	180.000
		9.d	Rear axle ratio	Double Reduction with Differential lock, Final Ratio 6,58	Double Reduction with Differential lock, Final Ratio 6,58	Double Reduction with Differential lock, Final Ratio 6,58
10	Fifth Wheel	10.a	Model	JOST 3,5 Inch - Single oscillation	JOST 3,5 Inch - Double oscillation	JOST 3,5 Inch - Double oscillation
		10.b	Model	JOST 3,5 Inch - Single oscillation	JOST 3,5 Inch - Double oscillation	JOST 3,5 Inch - Double oscillation
11	Weight	11.a	Kerb Weight at Front Axle	5.883	5.986	6.456
		11.b	Kerb Weight at Rear Axle	5.737	6.034	6.344
		11.c	Total Kerb Weight	11.620	12.020	12.800

DETAIL SPECIFICATION IVECO HD9 & HHD9										CABIN CHASSIS			
No	Technical Specifications			IVECO						IVECO			
				ASTRA HD9 66.44 6X6						ASTRA HHD9 86.48 8X6			
1	Dimension	1.a	Wheelbase	mm	3.500	3.800	4.100	4.500	4.750	5.100	6.000		
		1.b	Overall Length	mm	7.675	7.975	8.275	8.675	9.625	9.975	10.475		
		1.c	Overall Width	mm	2.500	2.500	2.500	2.500	2.500	2.500	2.500		
		1.d	Front Overhang	mm	1.525	1.525	1.525	1.525	1.525	1.525	1.525		
		1.e	Rear Overhang	mm	1.200	1.200	1.200	1.200	1.200	1.200	1.500		
2	Engine	2.a	Model	CURSOR 13						CURSOR 13			
		2.b	Type	Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler						Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler			
		2.c	No. of Cylinders	6 in Line						6 in Line			
		2.d	Bore x Stroke	mm 135 x 150						135 x 150			
		2.e	Displacement	Liter 12.880						12.880			
		2.f	Max. Power Output	HP / rpm 440 / 1.900						480 / 1.900			
		2.g	Max. Torque	Nm / rpm 2.100 / 1.000 - 1.440						2.200 / 1.000 - 1.440			
		2.h	Fuel Tank Capacity	Liter 300						300			
3	Transmission	3.a	Type	ZF 16AS2631-TO, 16-Fwd, 2-Rev						ZF 16AS2631-TO, 16-Fwd, 2-Rev			
		3.b	Gear Ratio	14.12 - 0.83						14.12 - 0.83			
4	Transfer Case	4.a	Type	TC-2200						VG2700 - with Emergency Steering Pump			
		4.b	Ratio	1:1 - 1:6						1:0.913 - 1:1.407			
5	Clutch	5.a	Type	Dry Single Plate						Dry Single Plate			
		5.b	Size	430 mm						430 mm			
6	PTO	6.a	Model	Engine PTO						Transmission PTO			
		6.b	Model	Engine PTO						Transmission PTO			
7	Wheels & Tyre	7.a	Disc Wheel	8,5" x 24" - 10 Studs						10" x 20" - 10 Studs			
		7.b	Tyre (std) - Front	325/95 R24						14.00 R20			
8	Suspension	8.a	Front	Parabolic Spring						Parabolic Spring			
		8.b	Rear	Multileaf Spring						Parabolic Spring			
9	Axles	9.a	Front capacity	Kg 10.000 - Kessler Axle						21.000 - Kessler Axle			
		9.b	Rear capacity	Kg 32.000						42.000 - Kessler Axle			
		9.c	GVW	Kg 42.000						63.000			
		9.d	Rear axle ratio	Double Reduction with Differential Lock, Final Ratio 6,58						Double Reduction with Differential Lock, Final Ratio 7,29			
10	Weight	10.a	Kerb Weight at Front Axle	Kg	5.365	5.409	5.447	5.503	5.554	6.260	8.917		
		10.b	Kerb Weight at Rear Axle	Kg	4.938	4.929	4.919	4.921	4.950	5.550	4.878		
		10.c	Total Kerb Weight	Kg	10.303	10.338	10.366	10.424	10.504	11.810	13.795		

DETAIL SPECIFICATION IVECO HD9										CABIN CHASSIS			
No	Technical Specifications			IVECO		IVECO		IVECO					
				ASTRA HD9 44.42 4X4		ASTRA HD9 44.48 4X4		ASTRA HD9 44.54 4X4					
1	Dimension	1.a	Wheelbase	mm	5.100	6.700	4.600	5.100	5.100				
		1.b	Overall Length	mm	8.875	11.675	8.375	8.875	8.875				
		1.c	Overall Width	mm	2.500	2.500	2.500	2.500	2.500				
		1.d	Front Overhang	mm	1.525	1.525	1.525	1.525	1.525				
		1.e	Rear Overhang	mm	2.250	3.450	2.250	2.250	2.250				
2	Engine	2.a	Model	CURSOR 13				CURSOR 13		CURSOR 13			
		2.b	Type	Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler				Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler		Diesel 4 Stroke Direct Injection VGT Turbocharged Intercooler			
		2.c	No. of Cylinders	6 in Line				6 in Line		6 in Line			
		2.d	Bore x Stroke	mm 135 x 150				135 x 150		135 x 150			
		2.e	Displacement	Liter 12.880				12.880		12.880			
		2.f	Max. Power Output	HP / rpm 420 / 1.900				480 / 1.900		540 / 1.900			
		2.g	Max. Torque	Nm / rpm 1.900 / 1.000 - 1.440				2.200 / 1.000 - 1.440		2.350 / 1.000 - 1.690			
		2.h	Fuel Tank Capacity	Liter 300				300		300			
3	Transmission	3.a	Type	ZF 16AS2631-TO, 16-Fwd, 2-Rev				ALLISON 4700, 7-Fwd, 1-Rev		ALLISON 4700, 7-Fwd, 1-Rev			
		3.b	Gear Ratio	14.12 - 0.83				7,63 - 0,64		7,63 - 0,64			
4	Transfer Case	4.a	Type	TC-2200				TC-2200		VG2700			
		4.b	Ratio	1:1 - 1:6				1:1 - 1:6		1:0.913 - 1:1.407			
5	Clutch	5.a	Type	Dry Single Plate				-		-			
		5.b	Size	430 mm				-		-			
6	PTO	6.a	Model	Engine PTO				Transmission PTO		Transmission PTO			
		6.b	Model	Engine PTO				Transmission PTO		Transmission PTO			
7	Wheels & Tyre	7.a	Disc Wheel	8,5" x 24" - 10 Studs				10" x 20" - 10 Studs		10" x 20" - 10 Studs			
		7.b	Tyre (std) - Front	325/95 R24				14.00 R20		14.00 R20			
8	Suspension	8.a	Front	Parabolic Spring				Parabolic Spring		Parabolic Spring			
		8.b	Rear	Parabolic Spring				Parabolic Spring		Parabolic Spring			
9	Axles	9.a	Front capacity	Kg 9.000				9.000		9.000			
		9.b	Rear capacity	Kg 16.000				16.000		16.000			
		9.c	GVW	Kg 25.000				25.000		25.000			
		9.d	Rear axle ratio	Double Reduction with Differential Lock, Final Ratio 6,58				Double Reduction with Differential lock, Final Ratio 4,22		Double Reduction with Differential lock, Final Ratio 4,22			
10	Weight	10.a	Kerb Weight at Front Axle	Kg	5.728	6.097	5.762	5.933	5.933				
		10.b	Kerb Weight at Rear Axle	Kg	2.952	3.142	2.968	3.057	3.057				
		10.c	Total Kerb Weight	Kg	8.680	9.239	8.730	8.990	8.990				



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Extra strong machines, ready for extreme conditions and environments. Easy to set-up, repair and maintain through the entire life-cycle. Robustness, versatility, mobility, mission dedication and loading capabilities are the key values of the HD9 range, designed for heavy-duty applications in mining, quarrying, construction, oil & gas, and heavy haulage.



IVECO HD

The HD9 is ideal partner for those who demand on top performance. In order to handle more and more difficult types of terrain, to explore new limits, IVECO offers your business The New HD9 Series of vehicle with innovative features that are sure to improve the competitiveness of your company.

-  DESIGN
-  SAFETY
-  CUSTOMIZATION
-  VERSATILITY
-  COMFORT & ERGONOMICS
-  RELIABILITY
-  PERFORMANCE
-  SERVICES

INTERIORS.

The new HD9 workplace is specifically designed and optimized to match the excellent ergonomics and relaxing internal comfort with the highest functionality, in order to easily allow to face the hardest and most challenging off road mission in perfect HD9 style missions.



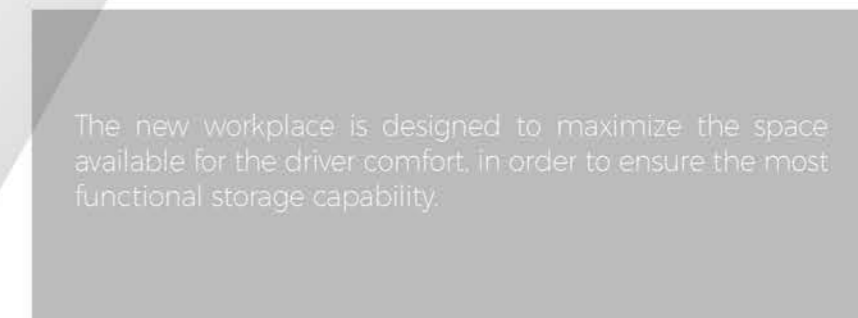
Rearview Mirrors Complete Set Hi Performance Driveline Extra Strong Components Integrated Headlights



Optimised Profile



The instrument panel surrounds the driver and makes easy and safe the handling of all the controls, even in the most challenging working conditions.



The new workplace is designed to maximize the space available for the driver comfort, in order to ensure the most functional storage capability.



Practically, there are many and easily accessible supports, pads and drawers useful to hold and store documents, keys, bottles and many other accessories, located on the front dashboard, as well as on the upper shelf and side doors.