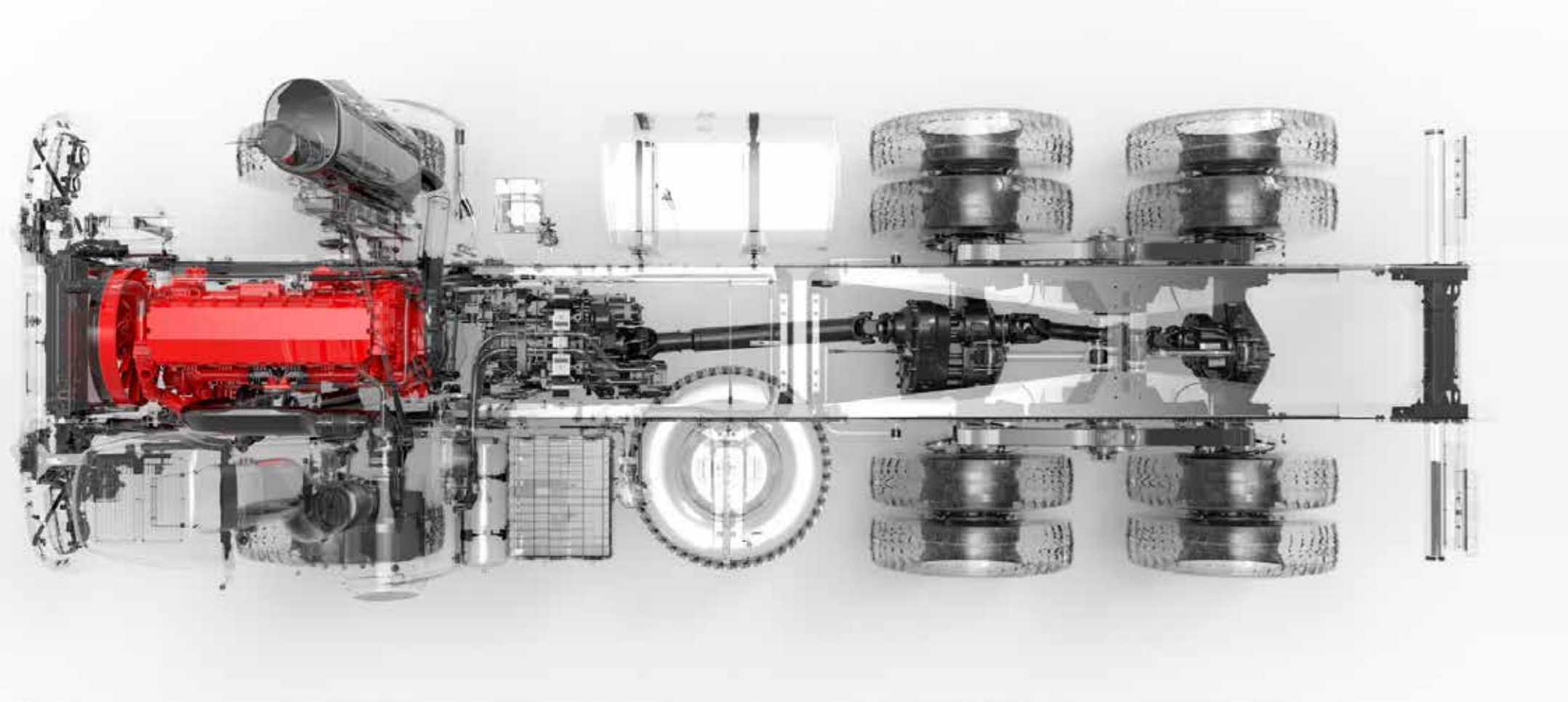


HIGH PERFORMANCE DRIVELINE



ENGINE

The Astra HD9 is powered by the in-line six-cylinder FPT I3 liter Cursor engine with power ratings from 380 HP to 540 HP in Euro3 version and from 410 HP to 560 HP in Euro5 version.

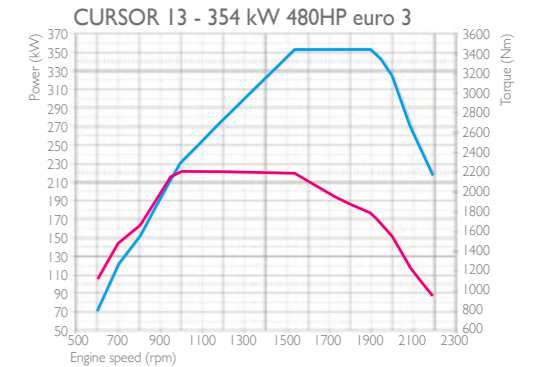
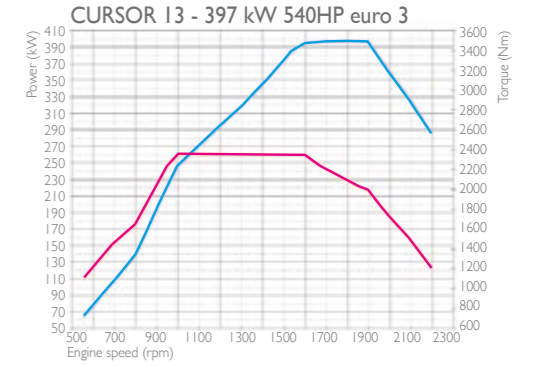
Euro5 emission standard is met through SCR technology (Selective Catalytic Reduction), which reduces the level of toxic gases emitted from the engine.

The degree of technological evolution reached allows an improvement in the combustion process and an increase of the engine efficiency in terms of power output (up to 560HP) torque rising while reducing noise and minimizing fuel consumption.

Moreover, it permits an exceptionally fast and accurate diagnosis in the event of anomalies arising in connection with any of the principal components of the engine.

Cursor Engines also feature the following performing solutions:

- **The VGT (Variable Geometry Turbine)** delivers excellent performances in terms of vehicle dynamics and optimal transient response. High torque (up to 2.500 Nm) at low engine speed (1.000 rpm) ensures excellent driving elasticity in any condition, no matter the slopes and loads.
- **The Iveco Engine Brake**, a decompression engine braking system which, by means of a butterfly valve on the exhaust manifold, generates sufficient exhaust gas counter pressure to slow the rotation of the engine and increase the braking force with less recourse to the service brake and hence less demand on the wear parts.



EURO 5	ENGINE	ENGINE SIZE	TURBINE	HP	Rpm	Nm	Rpm
	Cursor I3	12880	WG	410	1900	1900	1000
		VGT	440	2100			
EURO 3	Cursor I3	12880	WG	480	1900	2200	1000-1440
				520		2300	
				560		2500	
				380		1800	
				420		1900	
EURO 3	Cursor I3	12880	VGT	440	1900	2100	1000-1690
				480		2200	
				540		2350	
				540		2350	

