

## Engine specification Ravo 530 ST(H), Ravo 560 ST(H)

### Technical specifications:

<b>Engine</b>	
Make	Iveco
Type	N40.10 RC 21.00 / F4AE0481E
Fuel system	Common Rail - Electronic Diesel Control
Fuel pump type	Bosch CP 3.3
Number of cylinders	4 in line
Total displacement (cc)	3920
Diameter & Stroke (mm)	102 x 120
Compression ratio	17 : 1
PTO ratio (PTO/engine)	1.03
Timing gear	Gear wheel driven
Maximum Torque (Nm)	490 @ 1200-2100 rpm
Power (kW)	110 (150 hp) @ 2700 rpm
Specific fuel consumption (g/kWh)	205
Fuel type	<b>Standard type diesel oil according to EN 590 standard</b>
Lubrication	Forced via gear pump, pressure relief valve, oil filter
Engine oil type	<b>15W40</b>
Oil specification	<b>Standard ACEA E3 and/or ACEA E5</b>
Carter capacity (litre)	10,5 inclusive Engine Oil filter
Circuit cooling	Forced circulation via centrifugal pump driven by Poly-V belt
Coolant	Cooling fluid, mixture of water and 50% Parafu antifreeze
Cooling capacity (litre)	± 23
Air supply system	Turbocharger with intercooler
<b>Emission Value / Standard Value (g/kWh)</b>	
CO	1,04 / 2,10
HC	0,08 / 0,66
NOx	4,83 / 5,00
Particles	0,065 / 0,100
Engine emission level	Euro 3, dir.1999/96/EG