Agriculture
Agricultural
CURSOR 10

C10 ENT
315 kW (428 HP) @ 2100 rpm
Stage IIIA / Tier 3

AGRICULTURAL

SPECIFICATIONS

Thermodynamic Cycle		Diesel 4 stroke
Air Handling		TCA
Arrangement		6L
Bore x Stroke	millimeters	125 x 140
Total displacement	liters	10.3
Valves per cylinder	number	4
Cooling System		liquid
Direction of Rotation (viewed facing flywheel)		CCW
Compression ratio		16.5:1
Injection System		EUI
EGR		-

PERFORMANCES

Rated power [*]	kW (HP) @ rpm	315 (428) @ 2100
Peak torque	Nm (kgm) @ rpm	1890 (193) @ 1500
High idle speed	rpm	-
Low idle speed	rpm	-
Minimum starting temperature without auxiliaries	°C	-15°
Oil and oil filter maintenance interval for replacement	hours	600

STANDARD CONFIGURATION

Flywheel housing	type	SAE 1 - aluminium
Flywheel size	inch	14"
Intake manifold location		middle high / right side / frontwards
Exhaust manifold location		middle high / left side/ backwards
Turbocharger		Fixed Geometry Turbo
Turbocharger location		middle / left side
Fan transmission ratio		1.25:1
Distance between fan - crankshaft centers	millimeters	X=0 Y=225
Fuel filter	number	single cartridge - right side
Fuel prefilter		included, supplied loose
Fuel Pump		high pressure pump (H.P.P.)
Oil filter	number	dual cartridge - left side
Oil sump		suspended sheet steel / 17° angularity limits continuous in all directions
Oil vapours blow-by circuit		close case ventilation
Oil heat exchanger		incorporated into the block
Oil filler		timing cover
Starter		24 V - 5.5 kW
Alternator		24 V - 90 A
Engine stop device		by electronic control unit
Wiring harness		interface wiring loom with accessories
Painting color		grey
Lift Pump		-
Hydraulic steering pump	liters/min	-
Maximum torque available from crankshaft pulley	Nm	-

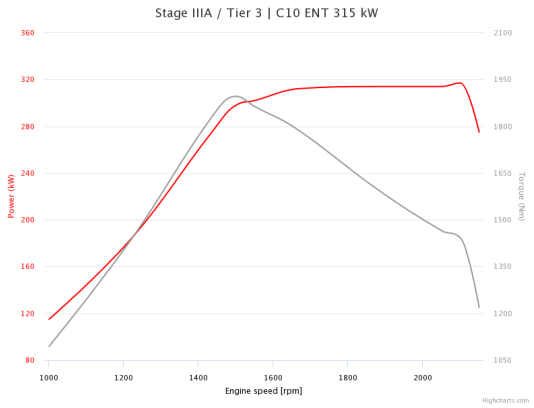
WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1320 x 881 x 1110
Dry Weight	Kg	950

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)		-
PTO - transmission ratio		1.36:1
PTO - maximum available torque		ISI B92,1) SAE B 200 Nm (grooved - DIN 5482)
Battery - minimum capacity recommended	Ah	180 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 800 Ah

LEGEND

Arrangement
- L (in line)
- V (90° "V" configuration)

Air Handling
- TCA (Turbocharged with aftercooler)
- TC (Turbocharged)
- NA (Naturally Aspirated)

Turbocharger
- WG (Wastegate)
- VGT (Variable Geometry Turbocharger)
- TST (Twin Stage Turbocharge)

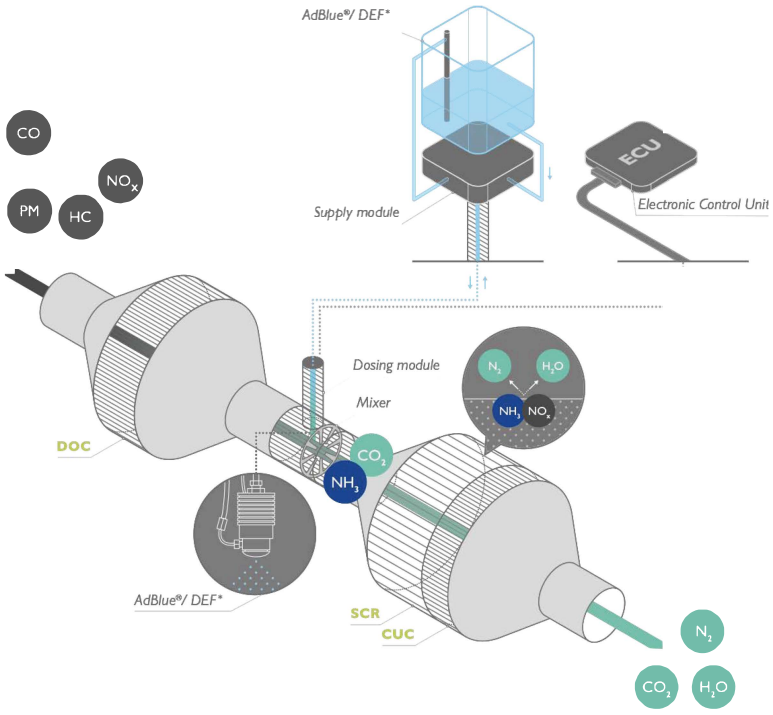
Injection System
- M (Mechanical)
- ECR (Electronic Common Rail)
- EUI (Electronic Unit Injector)
- MPI (Multi Point Injection)

Exhaust System
- EGR (Exhaust Gas Recirculation)
- SCR (Selective Catalytic Reduction)

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

AFTER TREATMENT SYSTEM



ELEMENT

DIESEL OXIDATION CATALYST

2 ADBLUE® / DEF INJECTION

3 SELECTIVE CATALYTIC REDUCTION ON FILTER

4 CLEAN-UP CATALYST

LEGEND

PM Particulate Matter
HC unburnt Hydrocarbons
NO_x Nitrogen Oxides
CO Carbon Monoxide
N_2 Nitrogen
CO_2 Carbon Dioxide
H_2O Water
AdBlue®/ DEF = $CO(NH_2)+ H_2O$

AGRICULTURAL

LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective Catalytic Reduction)
	NA (Naturally Aspirated)		EUI (Electronic Unit Injector)	
		TST (Twin Stage Turbocharge)	MPI (Multi Point Injection)	

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE