

AXION 900

First presentation

SIMA 2011



CLAAS



Engine

- 4 Models



Specific naming for SIMA Show



- Experience



SCR technology from FPT:
+ 150 000 engines built

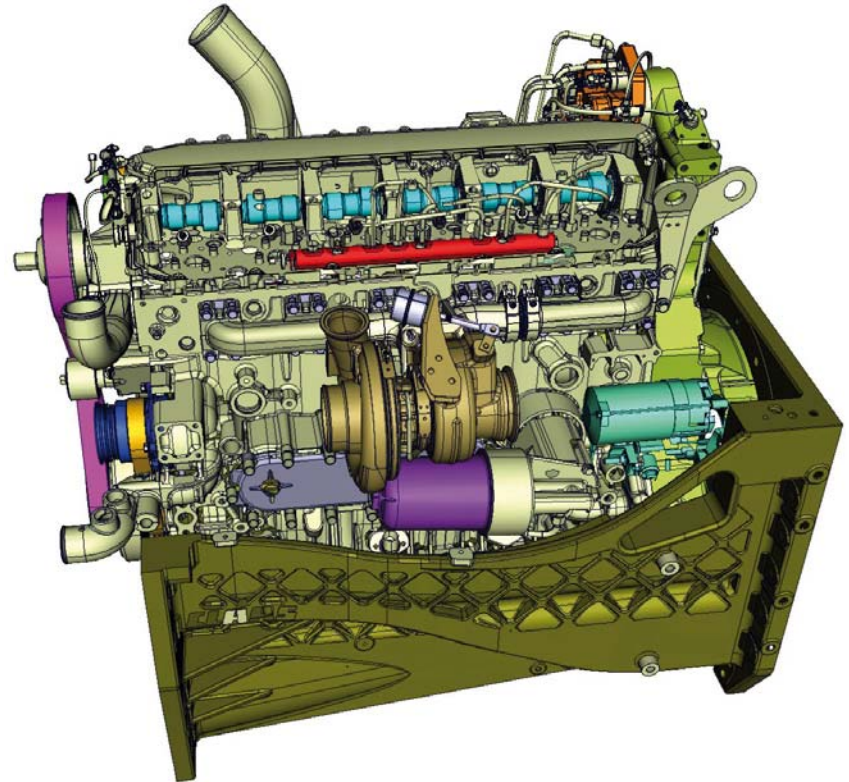
Gearbox from ZF:
+ 30 000 CVT built

Rear axle from GIMA:
Exclusive CLAAS

CPS | CLAAS
POWER
SYSTEMS

Engine

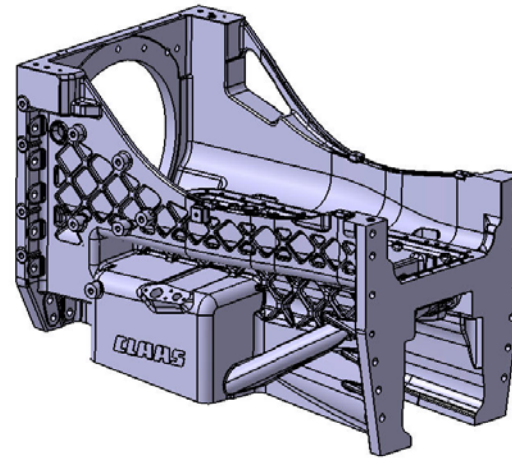
- New FPT engine
- CURSOR C9
- Stage 3b/Tier 4i compliant
- SCR technology
- VISTRONIC fan with electronic management
- 6 cylinders 8,7l
- Common rail
- Turbo + Intercooler
- 4 valves technology



Engine

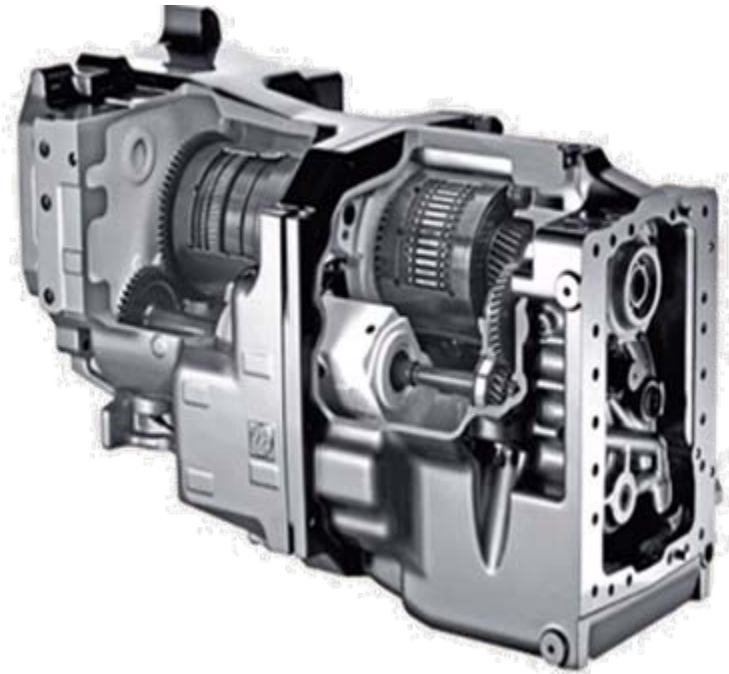
Engine is integrated in a specific structure

- CLAAS design
- Crankcase for the engine
- Integrated connections, pipes, cables
- No need for additional bracket for front linkage



CMATIC

- ZF CVT Experience (over 30 000 units)
- Active standstill control "Power 0"
- Various driving modes (auto, manual, DRIVESTICK)
- Under-load reverser
- 40 and 50 km/h versions



Total comfort resulting from "multidisc clutch technology"

CMATIC logic on all AXION

High efficiency

Cab

New 4 posts cab

- U-shape of the rear window
- Lower door opener
- One piece front windscreen
- Large space



Perfect visibility

Easy access

Comfort



- New dashboard
- Tilttable steering column
- Dashboard linked to the steering column



Easy access to the driver seat
Comfortable entry and exit
Clean and easy to read dashboard

New multifunctional armrest

- Larger CEBIS
- Adjustable CEBIS
- Main commands located on the armrest
- New CMOTION multifunctional lever



The facts



Up to 20 work lights

CMOTION multifunction lever

CEBIS integrated in armrest

Unique 4-point cab suspension

220 l/min hydraulic capacity

Up to eight electronic spool valves

1000 ECO PTO drive

11 t rear lift capacity

Rear tyres with a diameter of up to 2.15 m

Continuously variable CMATIC transmission

18 t permissible gross vehicle weight

Long wheelbase of 3.15 metres with compact design

FPT engine with SCR Tier 4i technology

Output from 280 to 400 HP

VISCTRONIC fan

SCR catalytic converter integrated under the engine hood

Front tyres with a diameter of up to 1.7 metres

Fully integrated front linkage with 6.5-t lifting capacity

Twin tyres for front and rear axle

PROACTIV front axle suspension

Strong, narrow frame element with integrated engine oil sump

