





# **Hydrema's new E-series**

The new E-Series combines Hydrema's long tradition for pivot steered loader excavators with cutting edge technology. The well known pivot steered chassis and the well known excavator with 280 degrees slewing angle has of course been maintained.

Completely new are the heavy duty Cummins 4,5L Stage 3b engines with maintenance free catalytic converter, the new and more power full loaders with lager shovels and a brand new electronic controlling system with advanced hydraulic functions.

The 906E and 908E are completely newly developed and heavier machines with more power, better cross country abilities and improved comfort for the operator.

Reliability and easy service has been a must throughout developing the new machines. This is for example seen in the new mud guards with integrated battery compartment and toolbox, and in the central service point for the pivot linkage.

The new large and elegantly formed bonnet opened at the front and gives unlimited access to service and maintenance.

With both hydraulic and fuel tank integrated in the chassis, best possible access for refueling and service is guaranteed.

The new interior with easy to clean surfaces and an unprecedented user friendly design with keypads lends a new dimension to being a Hydrema driver.

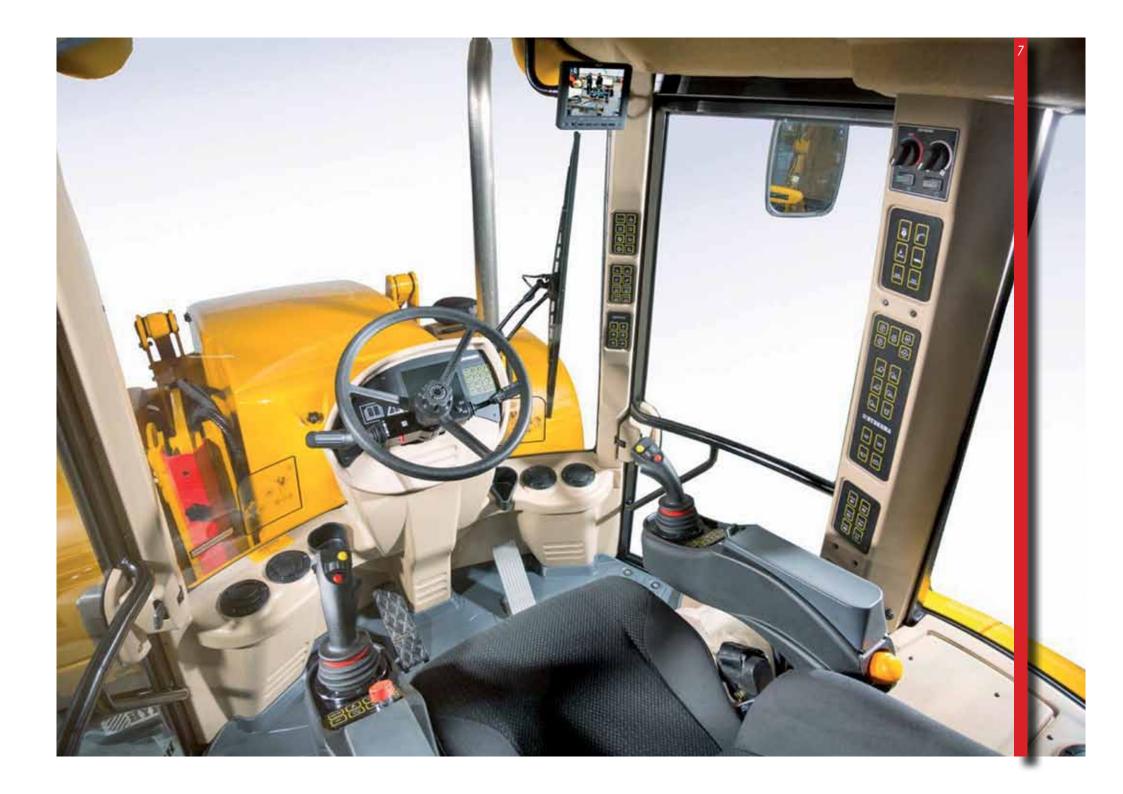


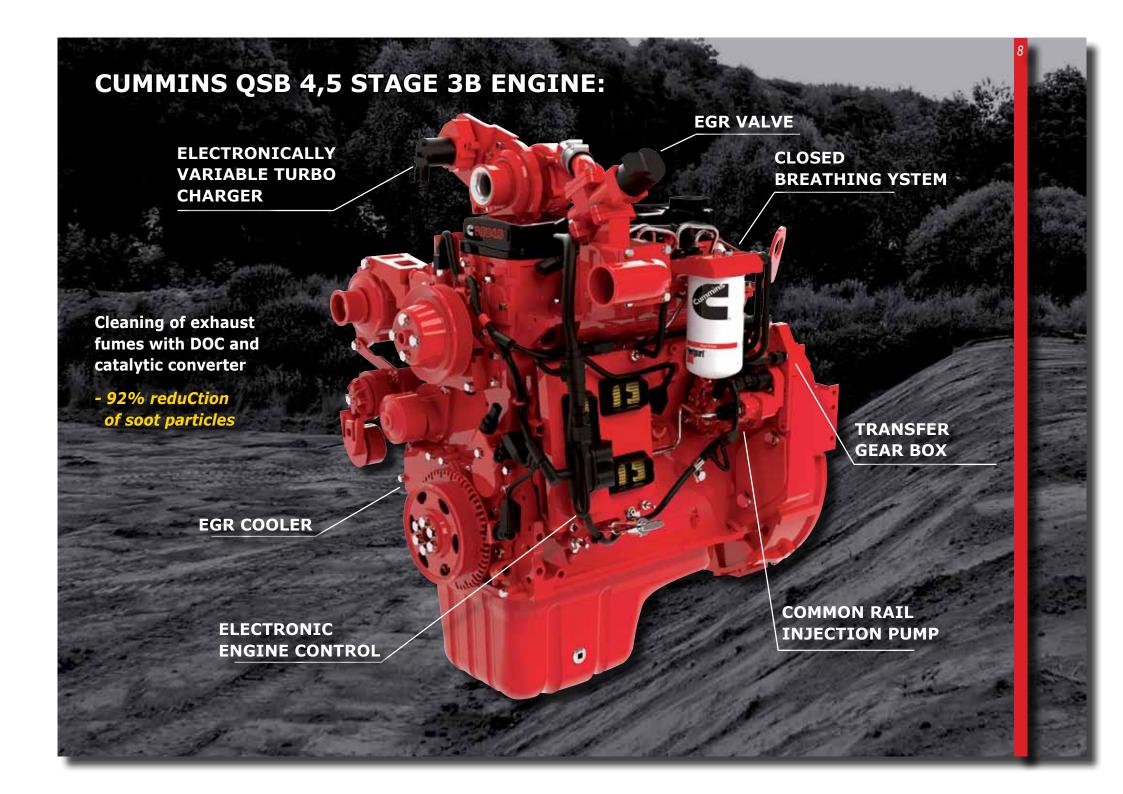












# **NEW FEATURES:**

#### **NEW FEATURES ON ALL MODELS**

Cummins QSB 4.5L Stage 3b engine - brand new modern friendly to the environment engine

Keypad panels - CAN BUS communication - for easy and intelligent operation

Electronic flow sharing, adjustable mode control, cruise control, immobilizer with code, driving lights, adjustable dead band on the Joystick, extended service diagnostics - new functions for the professional user

New interior surface design – easier to clean and longer lifespan

Rigid stabilizers as standard / flexible as option - better stability

Electronic shovel indicator - fast and accurate indication of shovel position

FIncreased speed on double command - faster working cycles

Two way "Return to dig" (Loader) - even faster operation of the loader

Quick hitch according to ISO 13031-2 - fulfills newest safety requirements for quick hitches

Hose burst valve on both boom and dipper - fulfils the newest demands for lifting gear

Engine bonnet opening to the front for better access to engine and cooler - easier access for service and maintenance

Front mud guards with integrated battery compartment and tool box - easy access to batteries - spacious storage

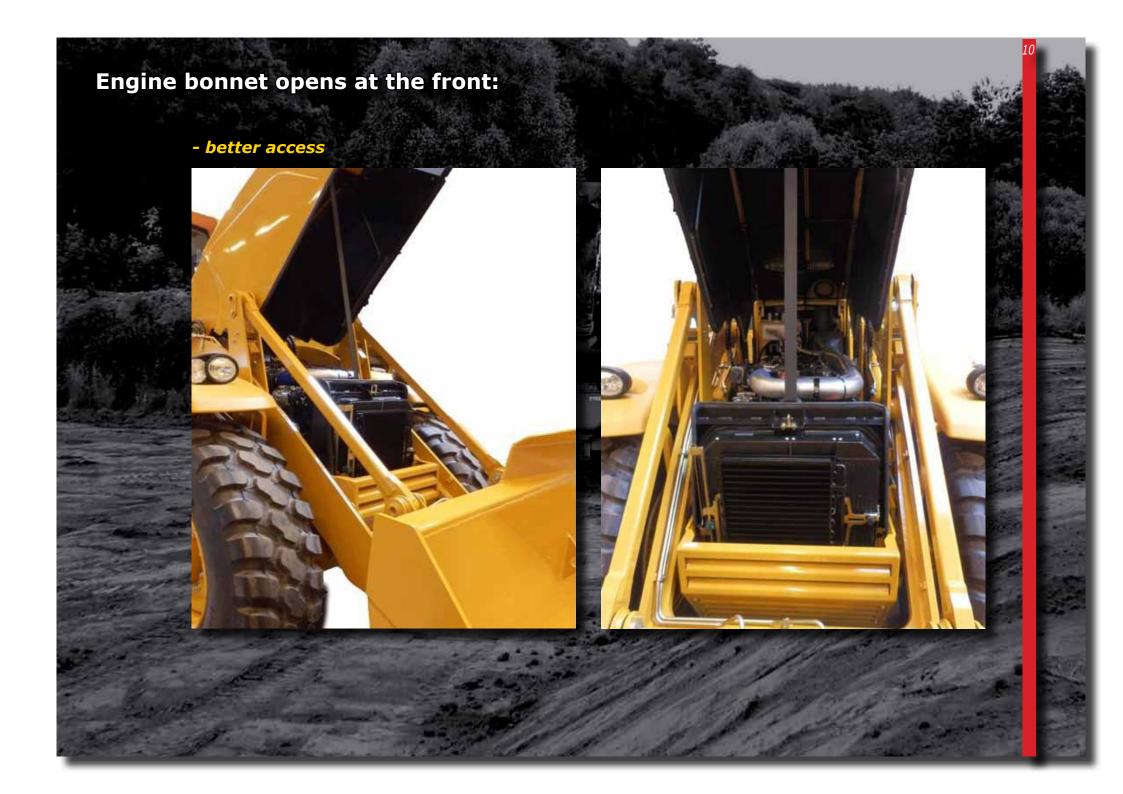
New joysticks with forward / reverse switch in right joystick - easy and fast forward/reverse by loader work

Easy access via central service point - easy and efficient service

Extended display diagnostics - easy and efficient service

Substantially increased battery capacity - excellent engine start under cold conditions

906 <mark>=</mark> /908 <b>=</b>	926 <mark>E</mark> /928 <b>E</b>
Brand new heavy duty chassis with double stabilizers, and increased pendulum angle.	New heavy duty loader with 1.7 m³ shovel
Intercooler	Increased slewing speed on excavator
Separate oil cooler	12 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A
New loader with same geometry as 926 and 1.4 m <sup>3</sup> shovel	
New swing arm for side shift with increased ground clearance and increased side shift	
Standard tyres - 500/70R28	Contract Con







Mode control on the 900E models is adjustable compared to the set values of 33% and 66% as known from the D-series. The driver may set and save two modes in the main display. Either of the two modes can then be activated on the side key panel in the B-post. The new mode control allows



the driver always to choose the most suited speed, according to the job at hand. Especially for lifting jobs it is vital for safe operation that the driver can limit the speed of the excavator.

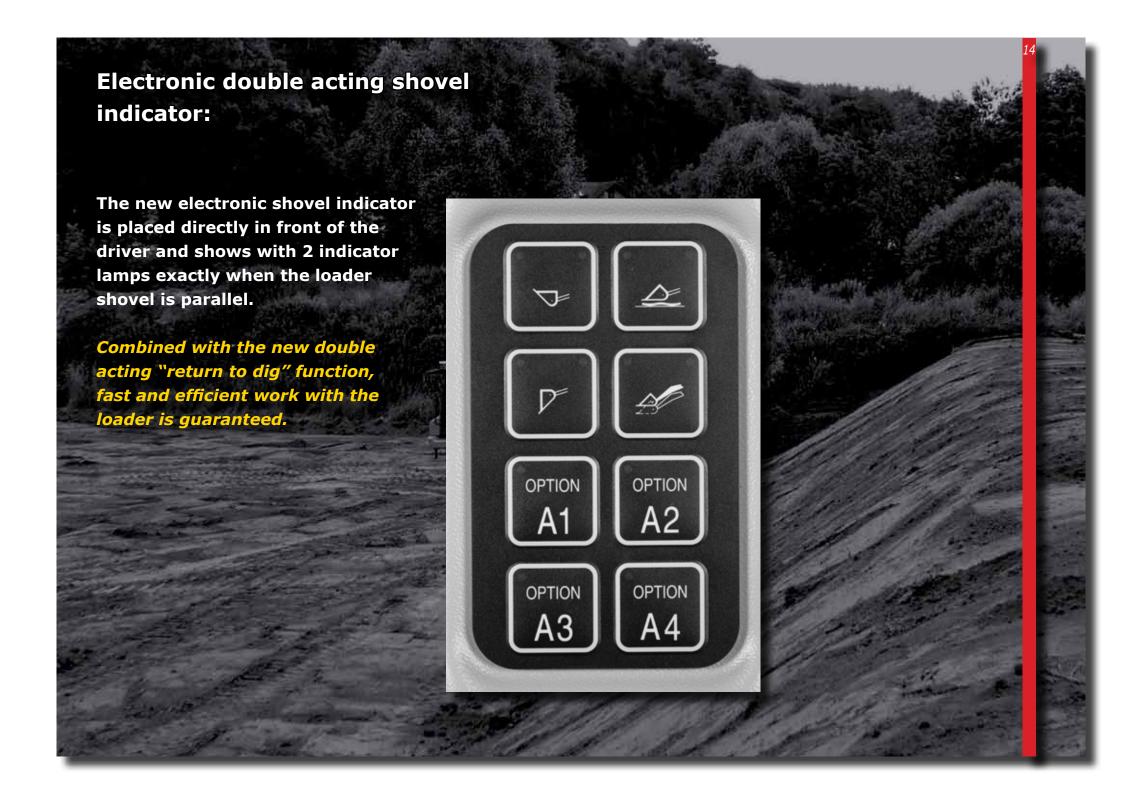
## **CRUISE CONTROL:**

The new cruise control keeps the set speed while underway.

Cruise control on/off is placed in the key panel in the A-post.

Set and resume is found in the arm rest key panel





## **ELECTRONIC FLOW SHARING:**

### **WITHOUT AUTO TROTTLE:**

The new flow sharing function ensures that the oil is automatically distributed between the excavator's main functions. This ensures that while working at low engine rpm and low oil flow, the oil is distributed optimally for a smooth and even digging cycle. If the driver during digging at low engine rpm requests more oil than is available, the actually available oil is automatically distributed proportional to joystick movements.

## **WITH AUTO TROTTLE:**

If the driver asks for more oil than is available with the present oil flow, the engine rpm are automatically increased to deliver more oil. If the requested oil flow is larger than the maximum flow available at maximum engine rpm, the oil is automatically distributed proportional to joystick movements.

Flow sharing is activated on the side key panel in the **B**-post.

Auto throttle is activated or deactivated in the display.



# SPECIFICATIONS:

	906 <mark>E</mark> /908 <mark>E</mark>	926 / 928
Stage 3b Cummins engine QSB 4.5L:	110 HP @ 2200 rpm 115 HP @ 2000 rpm 103 HP @ 1500 rpm 489 Nm @ 1500 rpm	130 HP @ 2200 rpm 140 HP @ 2000 rpm 131 HP @ 1500 rpm 622 Nm @ 1500 rpm
Transmission:	DANA T12000	ZF WG 115
Axles:	Carraro with limited slip in front axle and 100% hydraulic lock in rear axle	Carraro with limited slip in front axle and 100% hydraulic lock in rear axle
Chassis:	Pivot steer with double stabilizer. 155 l. integrated fuel tank	Pivot steer with double stabilizer. 155 l. integrated fuel tank
Hydraulics:	163 l/min - 235 bar	220 l/min - 240 bar
Loader:	Lifting capacity 4.500 kg Break out force 73 kN Loading shovel: 1,4 m <sup>3</sup>	Lifting capacity 5.200 kg Break out force 85 kN Loading shovel 1,7 m <sup>3</sup>
Excavator:	Break out force: Dipper cylinder 37,6 kN Bucket cylinder 57,4 kN	Break out force: Dipper cylinder 38,4 kN Bucket cylinder 58,7 kN
Cab suspension:	Rubber	4 point suspension
Weight:	9200 kg	9500 kg



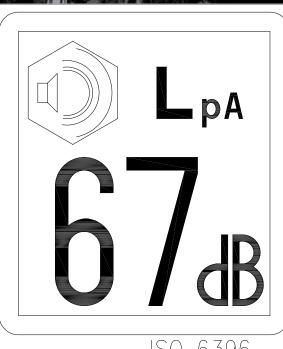




- The new Hydrema E-Series has world wide the lowest noise level in the cab for loader / excavators!



Noise level cab for 906E /908E



SO 6396

Noise level cab for 926E /928E





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