



DEUTZ-FAHR SERIES 9





**THE NEW ERA  
OF PRODUCTIVITY.**



# UNPARALLELED PERFORMANCE, EFFICIENCY AND PRODUCTIVITY.

DEUTZFAHR answers once again to the evolving requirements of modern agriculture, which calls for tractors capable of greater heavy-duty, multi-task work than ever before.

Embodying the perfect combination between state of the art technology and the power and pulling ability of a range-topping tractor, the new 9 Series offers extraordinary performance combined with high class comfort. Consisting of machines delivering unbeatable productivity and efficiency, the new 9 Series knows no compromise.

# 3440



HP

# A PRODUCT OF TECHNOLOGY AND DESIGN.

Four models delivering outstanding performance in all conditions, from traction applications and working with the PTO to road transport, these tractors perform with extraordinary versatility and manoeuvrability.

The unmistakable style of the new 9 Series is the result of our award winning partnership with Giugiaro Design, with bold, attractive contours for the exterior and a unique design for an interior developed to offer the best ergonomics in this class.

MODEL		9270 TTV	9290 TTV	9310 TTV	9340 TTV
Engine		Deutz			
Model		TTCD 7.8 L06			
Emissions		Tier 4			
Cylinders/Capacity	No./cc	6/7755			
Maximum power (ECE R 120)	kW/hp	201.7/274	216.7/295	229.7/312	247.1/336
Power at rated engine speed	kW/hp	189.5/258	203.5/277	217.5/296	232/315



**GIUGIARO**  
D E S I G N



Models

HIGH PRESSURE TURBOCHARGER  
WITH ELECTRONICALLY  
CONTROLLED WASTEGATE

LOW PRESSURE  
TURBOCHARGER

DEUTZ HIGH PRESSURE  
COMMON RAIL INJECTION  
(2000 BAR)

AIR INTAKE

ALTERNATOR

AC COMPRESSOR

HEAVY DUTY  
ENGINE BLOCK

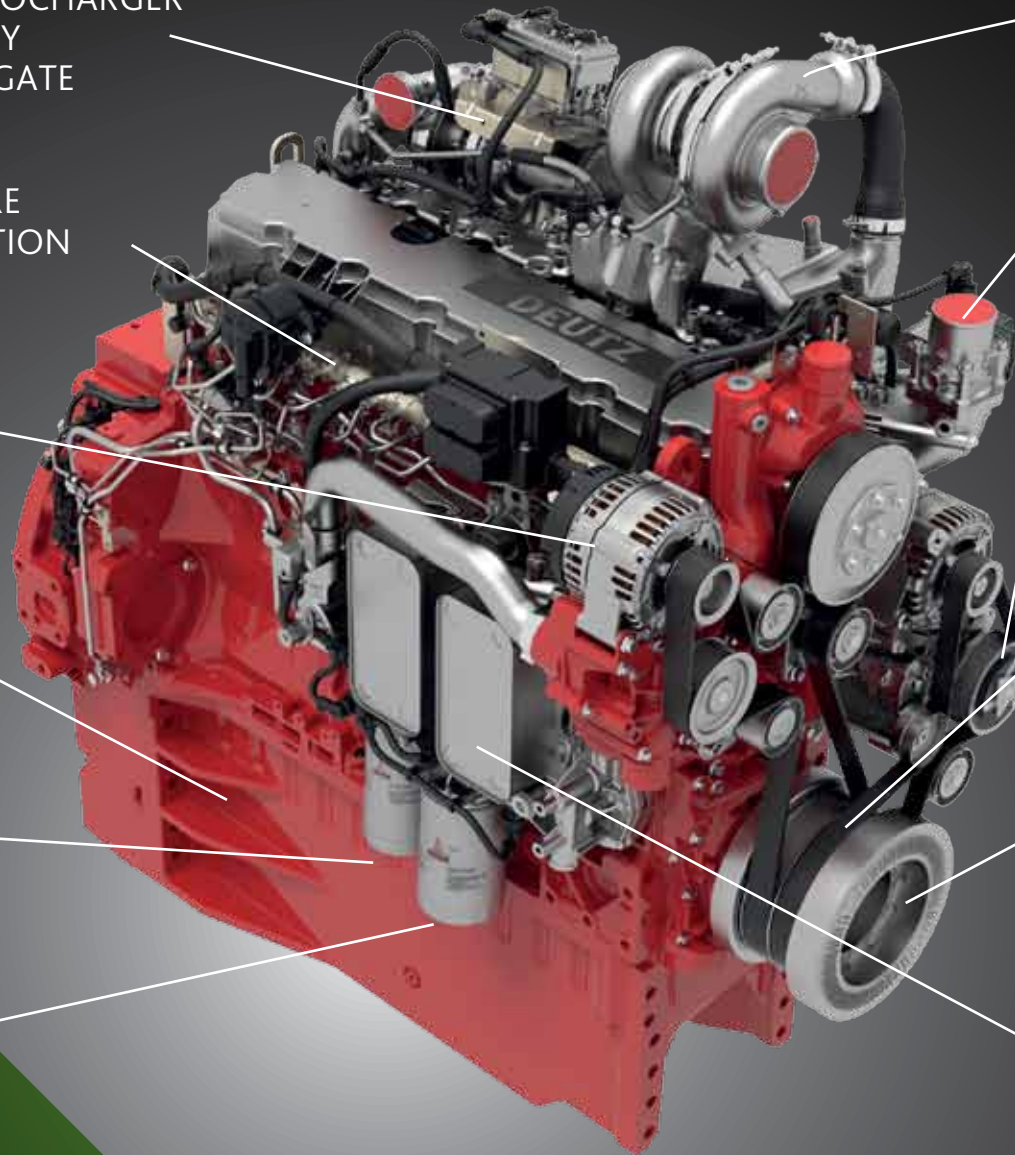
NON SLIP POLY V-BELT  
DRIVE

OIL FILTER

100% FRONT PTO  
DRIVE POWER  
AVAILABLE

DIESEL FILTER

HIGH CAPACITY OIL  
COOLER





# EXTRAORDINARY POWER.

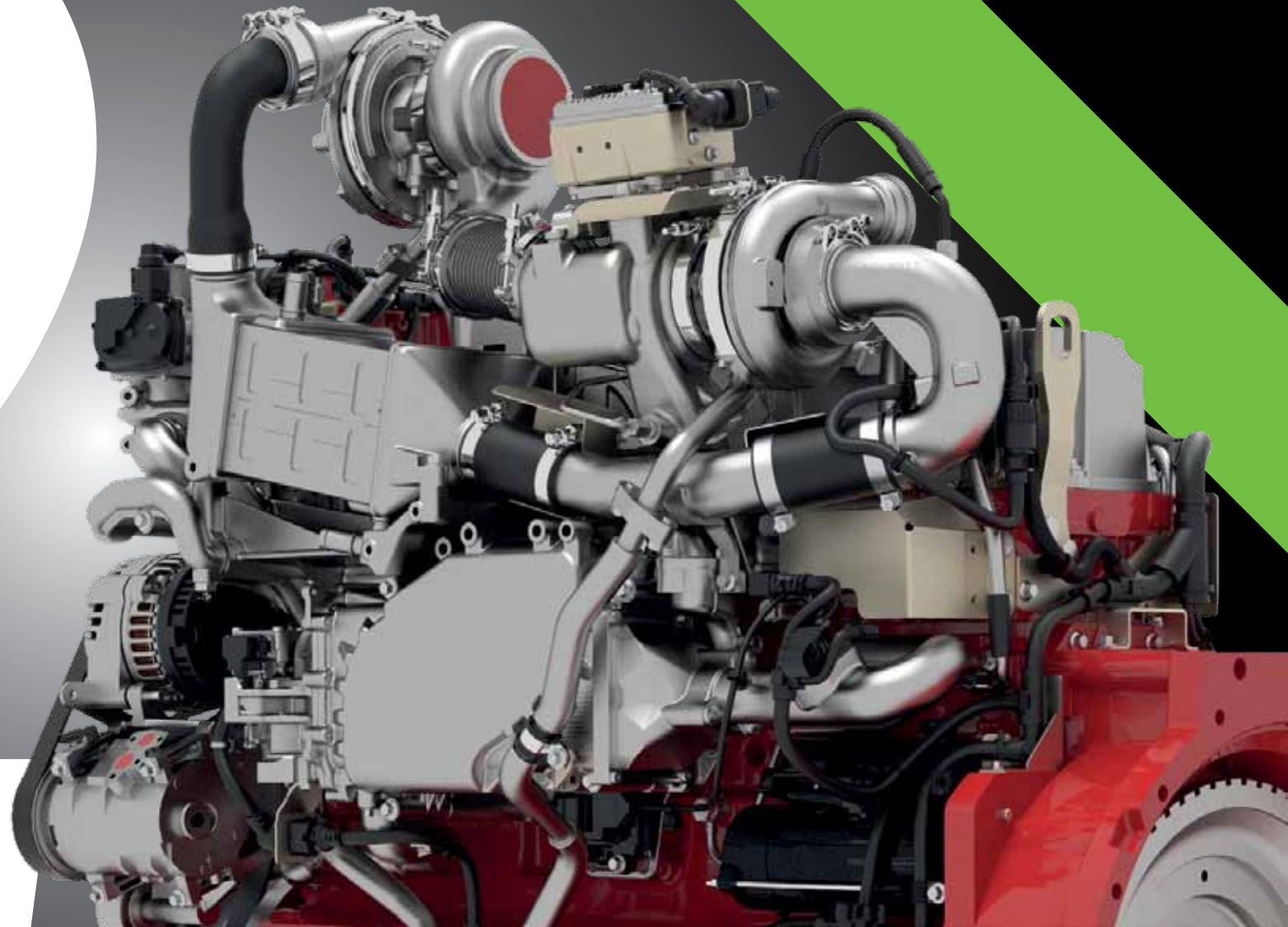
7.8

Litres

The impressive 7.8 litre, 6 cylinder Deutz TTCD engine with 4 valves per cylinder, twin turbochargers, intercooler and DCR (Deutz Common Rail) injection system with integral electronic control, uses SCR selective catalytic reduction exhaust after-treatment combined with a DPF filter to achieve full compliance with Tier 4 Final regulations. An injection pressure of 2,000 bar ensures optimum fuel atomisation for superior combustion efficiency in the cylinder. The electrically opening engine cowl makes maintenance simpler, safer and easier. The large diesel and AdBlue® tanks (600 and 60 litre respectively) ensure more than adequate fuel reserve for even the longest, most challenging working day.

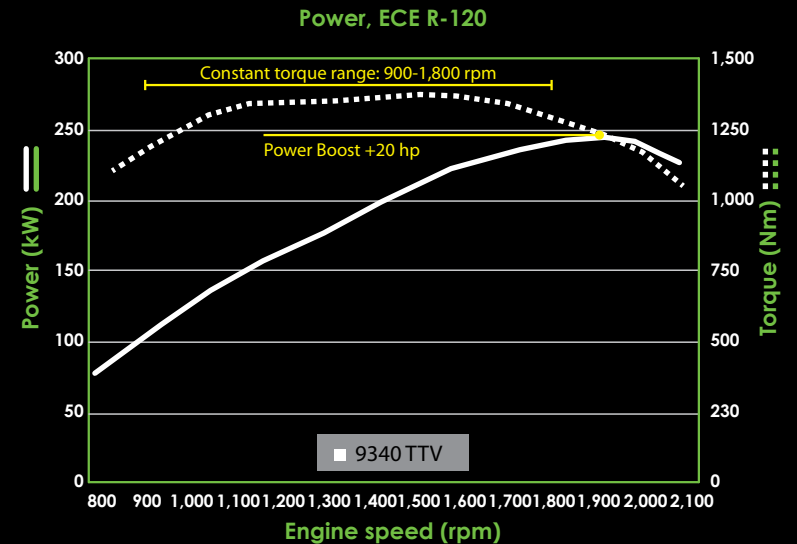


Turbo



# TWIN TURBOCHARGERS.

With twin turbo technology, these Deutz 7.8 engines are extremely powerful. In addition to increasing power output, this technology also solves the typical problem of turbo lag at low engine speeds in engines that have to deliver superior power at higher engine speeds. The system is based on two differently sized turbochargers which work in series for a combined compression operation. At lower engine speeds, intake air flows through the larger turbocharger and is compressed by the smaller turbocharger. At mid range engine speeds, air is pre-compressed by the large turbocharger and compressed additionally by the smaller turbocharger, while at higher engine speeds the air is compressed by the large turbocharger only. The result is a torque curve reaching an impressive 1,200 Nm at just 900 rpm, which remains constant throughout the operating range of the engine.





# UNBEATABLE IN THE FIELD, FORMIDABLE ON THE ROAD.



**Km/h  
at just  
1,780  
rpm**

## NEW TTV TRANSMISSION

The new ZF Terramatic TMT 32 continuously variable transmission with 4 mechanical ratios minimises the hydrostatic power requirement to offer comfort comparable to a hydrostatic transmission combined with the typical efficiency of a mechanical gearbox. The results is unrivalled operating economy both in the field and on the road, with optimised transmission efficiency in all conditions. Depending on the market, top speed is 60 Km/h, achieved at an engine speed of just 1,780 rpm, 50 Km/h (at 1,480 rpm), or 40 Km/h (at 1,350 rpm).

The new Trailer-stretch function ensures good transmission braking ratio between the tractor and hitched implement or trailer, even on steep terrain conditions.

## POWER TAKE-OFF

A choice of 3 PTO speeds (540E/1,000/1,000E), all of which are engaged electrohydraulically and progressively, minimises fuel consumption.

# INNOVATION AND SAFETY FOR MAXIMUM PRODUCTIVITY AT WORK.



## SEMI-ACTIVE SUSPENSION AND EXTERNAL DISC BRAKES

The innovative technical design for the brand new Heavy Duty axles (which may also be easily fitted with dual wheels) ensure that all the impressive power of the 9 Series effectively reaches the ground. And with the automatically controlled semi-active suspension of the Dana 770 front axle, the tractor is smooth, responsive and incredibly comfortable to drive even at higher speeds.

The brake system is powerful and safe even when towing heavy loads. The system comes equipped as standard with the Power Brake booster, for greater braking power with minimal pedal effort, and the EPB to make engaging and disengaging the park brake even simpler and less strenuous. Disc brakes on the front axle and ABS are also available as options (ABS is standard on 60 Km/h versions).

A top-down view of the front of a green and black tractor. The tractor features a prominent green hood with a black grille and a silver logo in the center. Two large headlights are positioned on either side of the grille. Below the grille, there are two smaller circular lights. The control panel is visible, featuring a yellow steering wheel and various colored buttons (red, yellow, blue) and switches. The tractor is equipped with large, treaded tires. The background is dark, and there are white and green geometric shapes on the left side of the image.

4-wheel  
braking



210

l/min



# A POWERFUL AND RESPONSIVE HYDRAULIC HEART.

The closed circuit hydraulic system boasts a Load Sensing pump delivering an impressive 210 l/min at 200 bar. The system may be equipped with up to 8 auxiliary valves (6 rear and 2 front), all with electronically controlled flow and timer functions. The 90 litre hydraulic system oil tank is independent of the transmission tank to prevent dust or dirt from the auxiliary valves entering the circuit and causing damage to the transmission components.



# IMPRESSIVE LIFTING POWER FOR TOTAL PEACE OF MIND.

These tractors offer up to 12,000 Kg of lifting capacity to the rear linkage. In addition to mixed mode, float mode and wheel slip control, the EHR electronic hitch management system also offers draft and position control functions. Other functions performed by the EHR system are: quick soil engagement, ride control for transporting implements, preset lift position lock, lift height limiter, and rate of drop control. Maximum lift capacity of the front hitch is 5,000 Kg at the quick hitch couplers.

# 1200



Kg



360

# MAXIVISION CAB: UNRIVALLED VISIBILITY AND IL- LUMINATION



In addition to superb visibility, there are many other aspects setting the cab of the 9 Series apart as the benchmark in its class: such as the superior quality of the materials used, outstanding ergonomics, excellent comfort and extreme user-friendliness. With a new single piece windscreen and superior quality materials (such as the elegant and functional soft grip steering wheel trim), the cab offers a pleasant and comfortable working environment. But that's not all: the cab is also completely isolated from the engine compartment for excellent acoustic comfort. The Work Monitor with coloured anti-glare screen is mounted on the A-post, where the driver can easily see it without having to look away from the terrain or road ahead. The iMonitor 2.0 12" touchscreen is also available as an option; while provisions for future installation of the Agrosky automatic GPS guidance system and ISOBUS connectivity are included as standard. Last but not least, these tractors are available with a comprehensive choice of halogen, LED or Xenon work lights to transform night into day.

The excellently positioned cab lighting system also creates a pleasant working environment, increasing both safety and productivity.

TECHNICAL DATA		9 SERIES			
		9270 TTV	9290 TTV	9310 TTV	9340 TTV
<b>ENGINE</b>					
Manufacturer		Deutz	Deutz	Deutz	Deutz
Model		TTC D 7.8 L06	TTC D 7.8 L06	TTC D 7.8 L06	TTC D 7.8 L06
Emissions		Tier 4	Tier 4	Tier 4	Tier 4
Cylinders/Capacity	No./cc	6/7755	6/7755	6/7755	6/7755
Twin Turbo with intercooler		•	•	•	•
Electronic viscostatic fan		•	•	•	•
Deutz Common Rail (DCR)	bar	2,000	2,000	2,000	2,000
Max. power (ECE R120)	kW/hp	201.7/274	216.7/295	229.7/312	247.1/336
Power at rated engine speed (ECE R 120)	kW/hp	189.5/258	203.5/277	217.5/296	232/315
Engine speed at maximum power	rpm	1,900	1,900	1,900	1,900
Max. engine speed (rated)	rpm	2,100	2,100	2,100	2,100
Max. torque with boost	Nm	1119	1205	1289	1371
Max. torque	Nm	1039	1116	1,200	1288
Engine speed at maximum torque	rpm	1,500	1,500	1,500	1,500
Torque rise	%	30	30	30	30
Fuel tank capacity	litres	600	600	600	600
AdBlue® tank capacity	litres	50	50	50	50
<b>CONTINUOUSLY VARIABLE TRANSMISSION</b>					
Model		ZF Terramatic TMT32	ZF Terramatic TMT32	ZF Terramatic TMT32	ZF Terramatic TMT32
Number of speed ranges	n°	4	4	4	4
Max. speed	km/h	40/50/60	40/50/60	40/50/60	40/50/60
Overspeed (60km/h Eco)	rpm	1785	1785	1785	1785
Overspeed (50 Km/h Eco)	rpm	1532	1532	1532	1532
Overspeed (40 Km/h Eco)	rpm	1264	1264	1264	1264
PowerZero		•	•	•	•
CruiseSpeed	n°	2+2	2+2	2+2	2+2
Driving Strategies (Auto/Manual/PTO)		•	•	•	•
Eco/Power control		•	•	•	•
Hydraulic reverse power shuttle		•	•	•	•
SenseClutch		•	•	•	•
<b>P.T.O.</b>					
PTO 540ECO/1,000/1,000ECO	rpm	540ECO/1,000/1,000ECO	540ECO/1,000/1,000ECO	540ECO/1,000/1,000ECO	540ECO/1,000/1,000ECO
Front P.T.O. 1,000	rpm	1,000	1,000	1,000	1,000
<b>AXLES AND BRAKES</b>					
Model		Dana M770	Dana M770	Dana M770	Dana M770
Suspended front axle		•	•	•	•
Front wheel drive electrohydraulically engaged		•	•	•	•
Electrohydraulically engaged differential lock		•	•	•	•
ASM system		•	•	•	•
Rear braking action with DT engagement		•	•	•	•
Outboard disc brakes*		○	○	○	○
PowerBrake		•	•	•	•
Automatic electronic parking brake (EPB)		•	•	•	•

\* Standard on 60 Km/h versions

TECHNICAL DATA		9 SERIES			
		9270 TTV	9290 TTV	9310 TTV	9340 TTV
<b>HYDRAULIC SYSTEM AND HITCH</b>					
Manufacturer		Bosch	Bosch	Bosch	Bosch
Pump output (std)	l/min	210	210	210	210
Closed centre hydraulic system (Load Sensing)		•	•	•	•
Max. usable oil volume	litres	70	70	70	70
Separate ancillary oil tank		•	•	•	•
Auxiliary hydraulic valves (rear+front)	Max. No. of ways	12+4	12+4	12+4	12+4
Rear hitch electronic		•	•	•	•
Rear electronic lift capacity (std/opt)	kg	12000	12000	12000	12000
Front hitch		•	•	•	•
Front hitch capacity	kg	5000	5000	5000	5000
<b>CAB</b>					
Maxi Vision Cab		•	•	•	•
Air suspension		•	•	•	•
Adjustable / heated rear view mirrors		o/o	o/o	o/o	o/o
Air conditioning		•	•	•	•
Automatic A/C system		o	o	o	o
High visibility roof		•	•	•	•
MaxiCom multifunction armrest		•	•	•	•
Multifunction joystick		•	•	•	•
Work Display		•	•	•	•
Light control panel		•	•	•	•
iMonitor 2.0		o	o	o	o
Agrosky system		o	o	o	o
ISO-Bus compatible		o	o	o	o
Comfortip Professional		o	o	o	o
Max Comfort Dynamic Seat XL ++ (low frequency dynamic suspension)		•	•	•	•
Max Comfort Dynamic Seat XXL ++ (dynamic suspension, low frequency horizontal suspension)		o	o	o	o
Max Comfort Dynamic Seat EVO Active + (active dynamic suspension, wide structure, active A/C system)		o	o	o	o
Padded passenger seat		•	•	•	•
Wiring for audio system with speakers		•	•	•	•
Halogen/LED/Xenon work lights		•/o/o	•/o/o	•/o/o	•/o/o
<b>DIMENSIONS AND WEIGHTS</b>					
With front tyres		650/65R34	650/65R34	650/65R34	650/65R34
With rear tyres		900/60R42	900/60R42	900/60R42	900/60R42
Wheelbase	mm	3135	3135	3135	3135
Length	mm	5797	5797	5797	5797
Height	mm	3430	3430	3430	3430
Width	mm	3150	3150	3150	3150
Ground clearance	mm	55	55	55	55
Rear/front unladen weight	kg	5000/6500	5000/6500	5000/6500	5000/6500
Total unladen weight	kg	11500	11500	11500	11500
Maximum permissible front/rear axle weight	kg	7500/ 12000	7500/ 12000	7500/ 12000	7500/ 12000
Max. permissible total weight	kg	18000	18000	18000	18000


STD • OPT ○

Contact your DEUTZ-FAHR dealer for more information:



Deutz-Fahr recommends the use of original lubricants and coolants.



DEUTZ-FAHR is a brand of  SAME DEUTZ-FAHR  
deutz-fahr.com

