

Agrolux 80 90



75 YEARS OF
DEUTZ-FAHR
TRACTORS



DRIVEN BY INTELLIGENCE.

The multipurpose tractor.



A continual dialogue between customer and manufacturer results in the development of new products that are directly related to this close co-operation. The introduction of the Agrolux 80-90 is a practical example of DEUTZ-FAHR, a technological leader in tractor and equipment manufacturing for over 75 years, listening to, and acting upon, the suggestions of professional farmers around the world.

Our experience and innovation coupled with your needs has allowed us to produce a technically advanced tractor with a rational concept that concentrates on: high build quality, for reliability and stable value; easy starting, efficient DEUTZ air-cooled engines; sensitive and powerful lower link sensing 3 point linkage; robust, multi-speed transmissions and an ergonomic driving area where all controls fall

comfortably to hand.

All components of the Agrolux 80-90 use proven and durable technology, to achieve optimum savings. In addition to the acclaimed efficiency of the DEUTZ engines, the quality of these tractors guarantees optimum reliability – Agrolux 80-90, a perfectly proportioned compact tractor that has no equals. It combines all the advantages of



Advantages:

- ▶ **Reliable DEUTZ engines for proven efficiency**
- ▶ **Optimum economy**
- ▶ **Equipped for all types of work**
- ▶ **Complete reliability**
- ▶ **Proven and reliable components**
- ▶ **Total versatility**
- ▶ **Unrestricted visibility and excellent manoeuvrability**

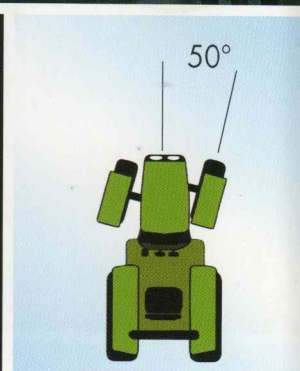
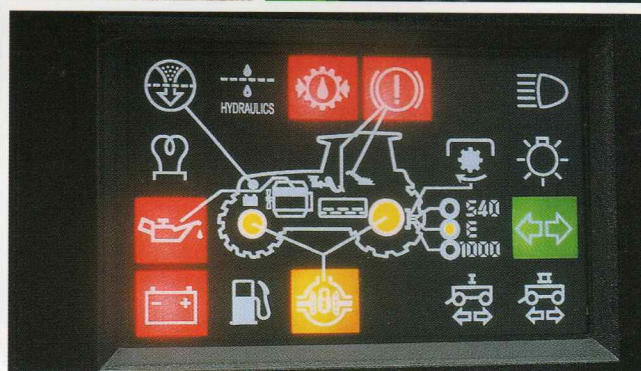
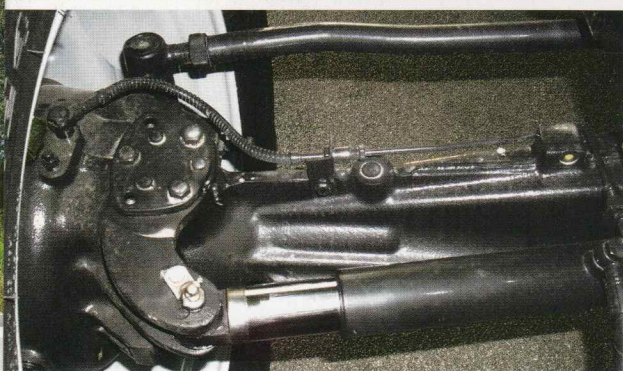
open field and farmyard tractors in one open station tractor with four-post safety frame, or foldable roll bar – really the perfect all-rounder. At DEUTZ-FAHR we feel that the design of the Agrolux 80-90 is exemplary in the standard tractor sector ensuring you productivity, value and economy.

Critically you need to keep your purchase working; therefore service

assistance and immediate parts availability are areas of paramount importance. At DEUTZ-FAHR we have an ongoing customer support programme ensuring that dealers are fully trained and supported by us so that they, in turn can support you for years to come.



An extensive range of featur



Operator's platform.

The clear, uncluttered instrument panel includes a clever, easily understood check panel, giving all that important information at a glance.

No matter whether fitted with roll bar or four-post safety frame, excellent visibility to all implements is guaranteed. You have the best visibility even under difficult working

conditions. This leads to more safety and higher efficiency.

The excellent 50° steering angle and the powerful hydrostatic steering system makes the Agrolux 80-90 manoeuvrable and easy to handle. A surprisingly small steering radius down to 3.4 m. makes the tractor suited to all types of operations, even in confined spaces.

Safety is a fundamental aspect of the Agrolux 80-90. The brake circuit, with oil-immersed disks on four wheels guarantees safe and reliable braking at all times. The 100% differential locking on both the front and rear axle ensures total power transmission in every situation.

Big in detail.

The strength of the Agrolux 80-90

es.



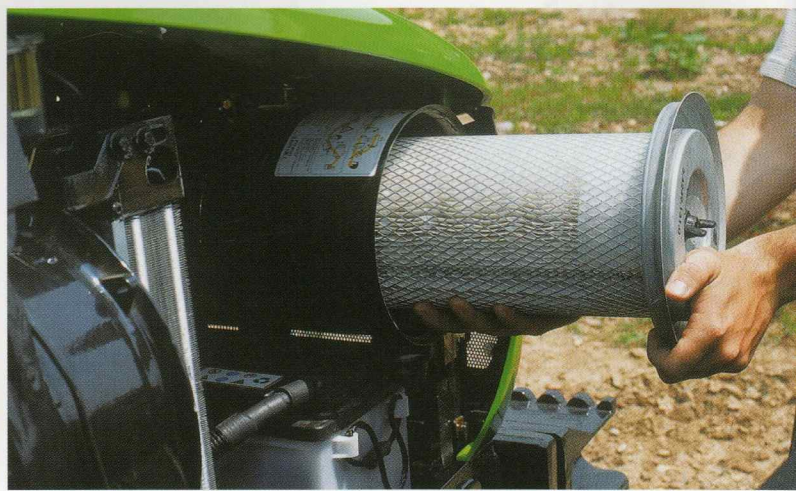
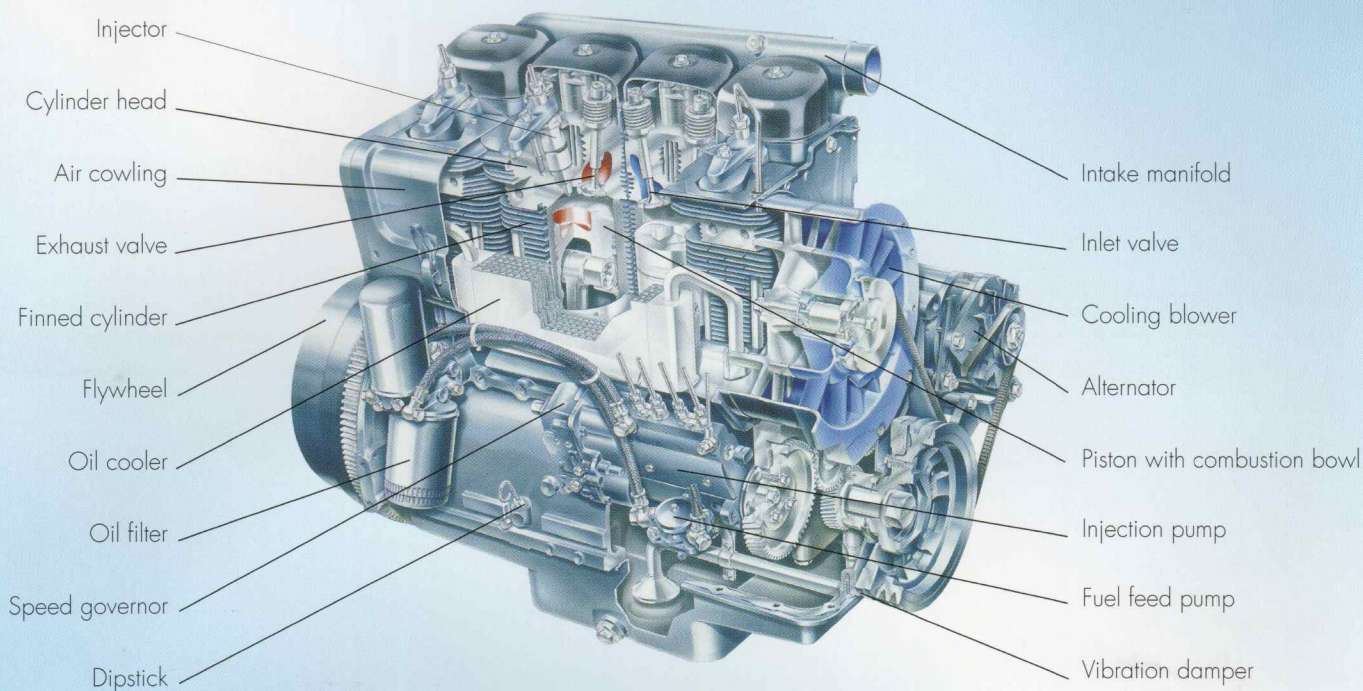
Advantages:

- ▶ *Adaptable to all situations and individual needs*
- ▶ *Intuitive control positioning*
- ▶ *Tight turning circle*
- ▶ *True, predictable 4wheel braking*

is enhanced in the small details. The gearshift levers are mounted laterally together in fact with all operating controls, they have been designed for easy, intuitive operation, maximising output whilst minimising effort.



Exceptional tractor technology



Power Package.

Under the Agrolux 80-90 hood is the proven, reliable air-cooled DEUTZ-4-cylinder engine, turbo-charged on the 90. These engines are renowned for their very good cold start characteristics, low fuel consumption, and long maintenance intervals. They are also easy to service and operate – DEUTZ-FAHR, driven by intelligence.

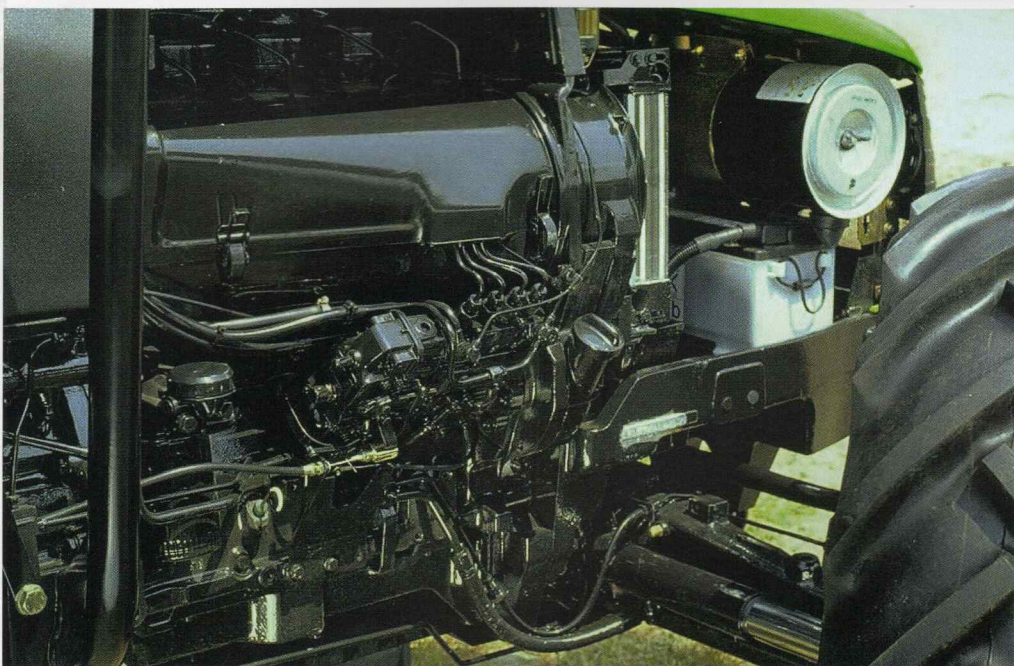
You can choose the specification according to your needs; the Agrolux 80-90 offers a series of equipment options: multispeed gear shift; two or three double-acting hydraulic auxiliary remote valves; hydraulic pumps with either 42.8 or 55 l/min output and a choice of tyre sizes to satisfy all your diverse practical requirements. This versatility enables its

use in an extremely wide range of applications.

Power in all applications.

The Agrolux 80-90 is equipped with a 5-speed gearshift for a total of 20 FW and 20 REV speeds (including creeper) – as standard. The two-speed PTO (540/1,000 rpm) driven through a multi-disk oil-immersed clutch,

gy.



Advantages:

- ▶ *Efficient DEUTZ engines*
- ▶ *Reduced fuel consumption, increased torque*
- ▶ *Proven adaptable transmissions*
- ▶ *Powerful, sensitive hydraulic system*
- ▶ *High performance two-speed PTO*
- ▶ *Spacious, easy access driving area*
- ▶ *Minimal maintenance*

has modulated hydraulic servo-control for precise and effortless drive take-up. The synchro, ground speed PTO with its independent output shaft can be used simultaneously, uniquely ensuring drive to both machine mechanism and ground wheels.

Rear power.

The accurate, easy to use, lower link

sensing rear lift has a lifting capacity of 3,085 kg; more than meets today's needs.

Optimum savings.

Maintenance is simple and involves few manual operations. Rapid access to all main components and long intervals between scheduled services guarantee optimum economy.



Sure and safe with original DEUTZ-FAHR.



Original service parts make good sense.

As you placed your trust in the original tractor, you should also only use original spare parts when required. Only these comply with the high quality and safety standards of DEUTZ-FAHR and ensure correct function and operation without problems – guaranteed.

Your DEUTZ-FAHR dealer will be pleased to answer your questions:



This printed material is designed for international use. The illustrations it contains show both special equipment and incomplete standard equipment. The availability of some illustrated models, standard and special equipment can vary from country to country. Only the dealer's price list stipulates whether such illustrated equipment is included as a standard feature or whether it is a special accessory. In addition the illustrated mounted implements and special accessories may not always comply with the respective statutory regulations. It is the responsibility of the customer – after consultation with the dealer – to verify this, taking the operating instructions into account. All information and illustrations in this brochure are subject to correction; errors excepted. Furthermore all information contained in this brochure is not binding and is subject to modifications of a technical and commercial nature or those resulting from statutory regulations. No claims whatsoever can be derived from these. SAME DEUTZ-FAHR DEUTSCHLAND GmbH reserves the right to make any changes to the design and technical construction and also the scope of standard equipment at any time and without prior notice.

Order no.: 308-10-01 LEO 0503

SAME DEUTZ-FAHR DEUTSCHLAND GmbH, D-89415 Lauingen, www.deutz-fahr.de



DRIVEN BY INTELLIGENCE.

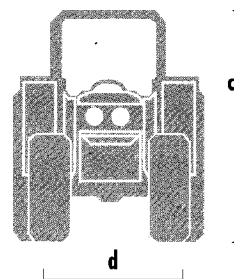
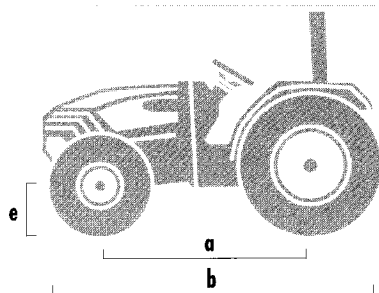
Agrolux 80 90

TECHNICAL DATA

Engine		Agrolux 80	Agrolux 90
Air-cooled DEUTZ - diesel engine	Type	F4L 913	F4L 913T
Rated Power	kW/hp	57/77	64/87
Rated Speed	rpm	2,500	
Cylinders / cubic capacity	no / cm ³	4 / 4,086	
Bore / stroke	mm	102 / 125	
Max. Torque	Nm	270	315
Constant power range	rpm	1,300 - 1,600	1,400
Torque rise	%	25	
Air intake		under the hood	
Specific fuel consumption	g/kWh	220	
Engine oil quantity / fuel tank capacity	l	11 / 75	
Drivers Position		Agrolux 80	Agrolux 90
Platform with ROPS		standard	
Foldable roll bar		optional	
Driver seat		Bostron XH2	
Electrical System		Agrolux 80	Agrolux 90
Voltage	V	12	
Alternator	W/A	14/65	
Battery	V/Ah	12/170	
Transmission		Agrolux 80	Agrolux 90
Type		fully synchronized mechanical transmission	
Synchromplit	opt. fwd/rev	12/12 - 15/15 - 16/16 - 20/20 - 24/12 - 32/16	
Speed	km/h	30 or 40	
Clutch		Single plate	
Disk diameter	mm	305	
Axles, Brakes, Steering		Agrolux 80	Agrolux 90
Front drive		Central drive	
Differential locks	front/rear	mechanical	
4-wheel-drive		mechanical	
Brakes		4-wheel oil-immersed disc brake, hydrostatic actuation	
Steering System		hydrostatic reactive with independent pump	
Steering angle		50°	
Steering diameter	m	4.5	
Hydraulics		Agrolux 80	Agrolux 90
System		open centre	
Oil reservoir		shared with transmission	
Pump flow rate	l/min (bar)	Constant pump 36 (180)/ opt. 45 (180)	
Steering pump	l/min	15	
Oil capacity	l	15	
3-point linkage		cat. II	
Lifting capacity rear	kg	3,085	
Hydraulic remote valves	std./opt.	2/4 or 3/6	
PTO		Agrolux 80	Agrolux 90
Clutch		multi-plate, oil immersed	
Actuation		electro-hydraulic	
PTO profile		1 3/8", 6 splined shaft	
Speed standard	rpm	540/540E/1,000	

Agrolux 80 90

TECHNICAL DATA



Dimensions in mm		Agrolux 80	Agrolux 90
a	Wheelbase ¹⁾	2,353 / 2,350	
b	Length ¹⁾	3,893 / 3,845	
c	Height above ROPS (exhaust-pipe) ¹⁾	2,860	
d	Track width rear	1,400 - 2,100	
e	Ground clearance	440	
Weight platform 4WD / 2WD		Agrolux 80	Agrolux 90
Unladen weight ¹⁾	front	1,320 / 940	
	rear	2,000 / 1,870	
	total	3,320 / 2,810	
Permissible laden weight ¹⁾	front	880 / 930	
	rear	1,250 / 1,580	
	total	2,130 / 2,190	
Payload ¹⁾	front	2,200 / 1,550	
	rear	3,250 / 3,450	
	total	5,450 / 5,000	
Tyres ²⁾ /track width in mm		Agrolux 80	Agrolux 90
14.9 R24	VR	1,426 - 2,138	
16.9 R34	VR	1,504 - 2,104	
12.4 R24	VR	1,426 - 2,138	
16.9 R30	VR	1,500 - 2,100	
12.4 R28	VR	1,428 - 2,134	
13.6 R38	VR	1,402 - 2,100	
13.6 R28	VR	-	1,428 - 2,134
18.4 R34	VR	-	1,504 - 2,100
14.9 R24	VR	-	1,426 - 2,138
18.4 R34	VR	-	1,504 - 2,100
16.9 R24	VR	-	1,436 - 2,128
18.4 R34	VR	-	1,504 - 2,100
13.8 R28	VR	-	1,428 - 2,134
14.9 R38	VR	-	1,402 - 2,100
13.6 R24	VR	1,380 - 2,184	
18.4 R30	VR	1,600 / 1,906	

¹⁾ 4wheel drive/2wheel drive

²⁾ Available standard tyre combinations are given on the current pricelists.

VR = Adjustable wheels

This printed material is designed for international use. The illustrations it contains show both special equipment and incomplete standard equipment. The availability of some of the models, standard and special equipment illustrated can vary from country to country. Only the dealer's price list states whether such equipment is included as standard or whether it is a special accessory. In addition the implements and special accessories illustrated may not always comply with the respective local statutory regulations. It is the responsibility of the customer - after consultation with the dealer - to verify this. All information and illustrations in this brochure are subject to alteration. Furthermore none of the information is binding and it is subject to modification for technical and commercial reasons or changes in statutory regulations. No claims whatsoever can be derived from these. SAME DEUTZ-FAHR DEUTSCHLAND GmbH reserves the right to make any changes to the design, construction and standard equipment at any time without prior notice.

Order no.: 308-10-01 LEO 0503

SAME DEUTZ-FAHR DEUTSCHLAND GmbH, D-89415 Lauingen, www.deutz-fahr.de

**DEUTZ
FAHR**

DRIVEN BY INTELLIGENCE.