

DEUTZ-ALLIS

9150/9170/9190

Grab the reins
of North America's new
powerhorses.



DEUTZ
ALLIS

Go the distance with a spirit that won't quit.

Grab the reins of one of these new powerhorses and experience the real meaning of performance, reliability, comfort, and ease of control.

The new Deutz-Allis 9100 series tractors are bringing new power and productivity to North American farming. You get 150 PTO hp in the new 9150. 172 PTO hp in the 9170. And 193 PTO hp in the 9190. You also get a field proven design that combines traditional reliability, common sense, and the latest in technology.

Climb aboard and see for yourself. Take control of a big powerhorse that lets you produce more, with better results and greater efficiency. You'll have all the strength and power to handle larger implements, to cover bigger acreage, faster than ever.

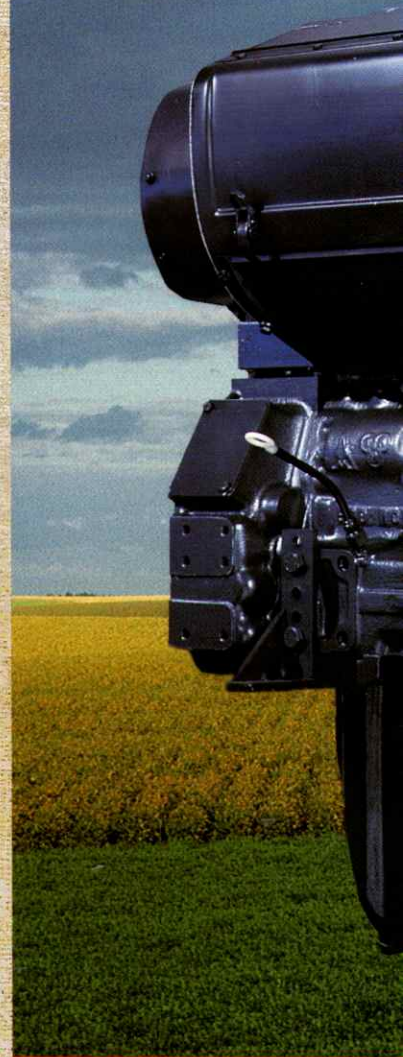
The new 9100 series Deutz-Allis tractors are the result of over six decades of experience in all major farming areas of the world. This experience has led to a successful modular design that gives you the economies of a longer life-cycle, and the benefits of less downtime and fewer repair bills. It also means you get more usable power and performance from an engine, transmission and final drives designed to work in harmony with each other.

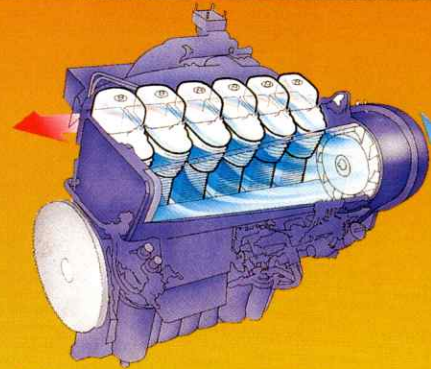
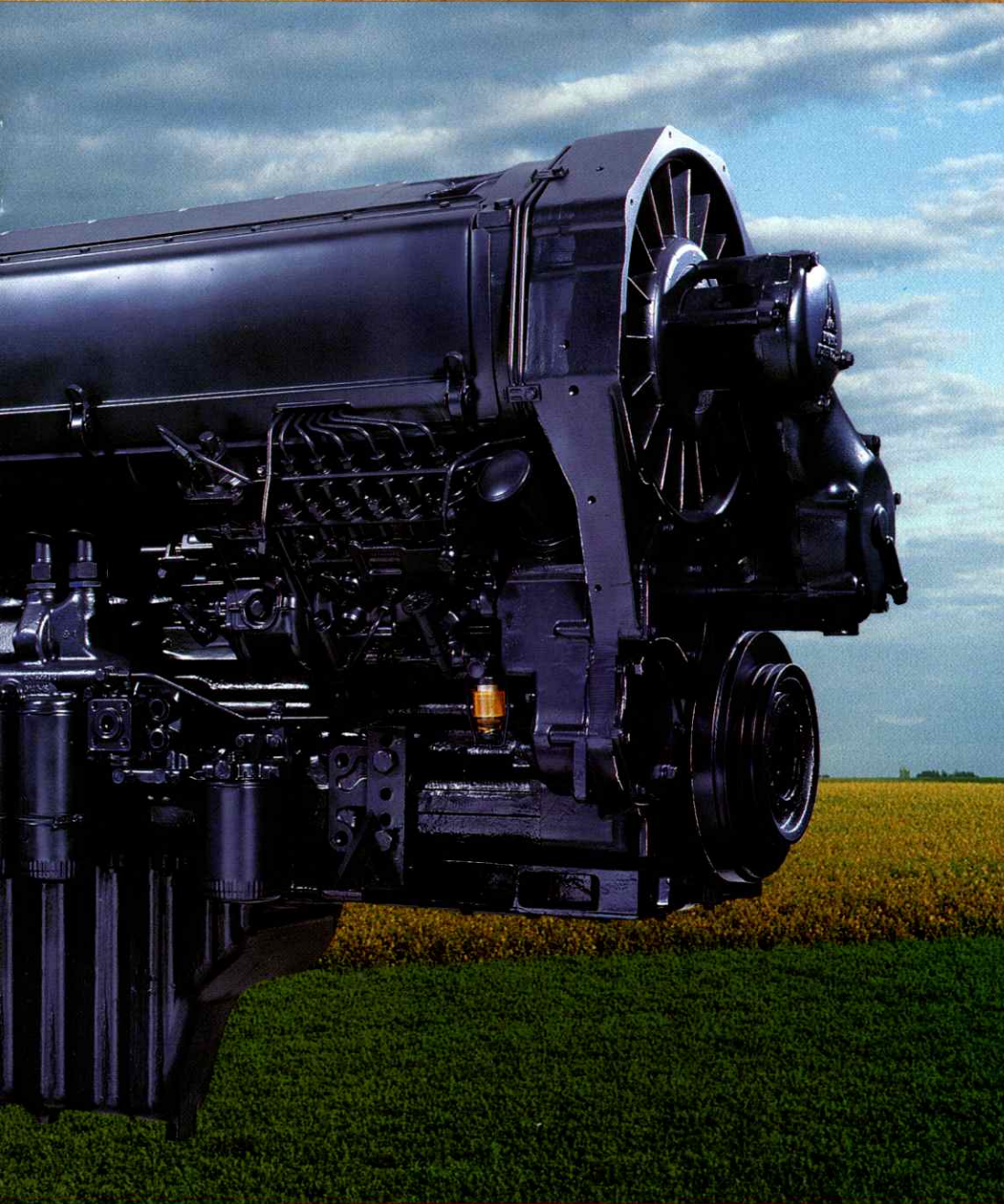
A massive 1400-pound mainframe and heavy final drive housing make up a sturdy backbone to absorb shock loads, maintain stability, and give you a smoother ride.

A legend at the heart of each new powerhorse. The Deutz air-cooled diesel engine has earned an enviable reputation among farmers, contractors, and the military around the world. Wherever reliability is critical and operating conditions are demanding, this engine meets the challenge.

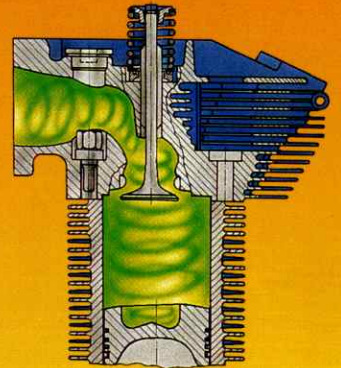
Air-cooled technology at its best. This proven system eliminates all those troublesome liquid cooling parts, which typically account for 40% of liquid-cooled engine downtime. So you can forget about overheating radiators, leaking water pumps, cracked hoses, coolant seeping into engine oil, corrosion from condensation, and servicing coolant conditioners.

The legendary
Deutz Air-Cooled
Engine.



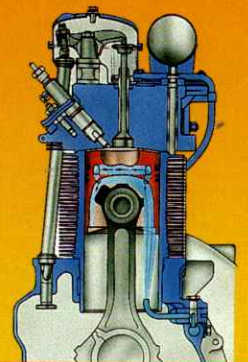


Cooling air circulates around cylinders, heads and oil coolers.



Computer-designed chamber promotes complete combustion.

Circulating oil dissipates heat from internal parts.



Extra cooling. Large volumes of oil circulate internally to absorb heat and carry it to an oil cooler inside the cooling air chamber. Oil showers the undersides of pistons and circulates within piston crowns to cool top rings.

Uniquely efficient. The aerodynamic intake ports swirl incoming air while the 4-hole injection nozzles atomize the fuel for a superior-

burning mixture. These actions, along with a specially designed combustion cavity, promote thorough burning to give you more power for your fuel dollars.

In addition, the variable-drive cooling fan operates only as needed to conserve fuel and boost usable power.

Quick-torque response. Engine torque rises fast to keep you going

through those tough spots and variable load conditions.

Simplified maintenance. You check all engine fluids from one side without removing the side sheet. And batteries are easily accessible.

Fueling is equally easy, with handles and steps on both sides.

Take control from a commanding viewpoint.

Step inside, take a seat, and look around. You'll see comfort, convenience, and visibility like no other cab. The designers of this cab knew what it was like to work long hours in the field.

You'll see clearly in any direction, with over 42 square feet of tinted glass and epoxy-welded seams up front. From your seat, you can also see all rear hitch points easily.

A roomy environment. You work long days in the field, so you might as well spend them in a spacious and smartly designed work station. Even the doorway is roomy. You won't have to wiggle your way in and out. And you can adjust the steps to fit your needs.

Aero-Fit Seat by Grammer. Standard on the 9190 and optional on the 9150 and 9170, this super deluxe seat takes the pounding out of working rough fields. You can tailor it to your liking with 10 adjustments, including both up/down and fore/aft positions. Other adjustments include tilt backrest, extendable backrest, arm rest angle and height, seat cushion angle and back cushion lumbar. You'll also have automatic weight adjustment, shock absorbing horizontal suspension and retractable seat belt.



Deluxe seat. Standard on the 9150 and 9170, this comfortable contoured and padded seat lets you adjust both height and weight, in addition to fore and aft. Both arm rests lift up to let you slide into the seat easily.

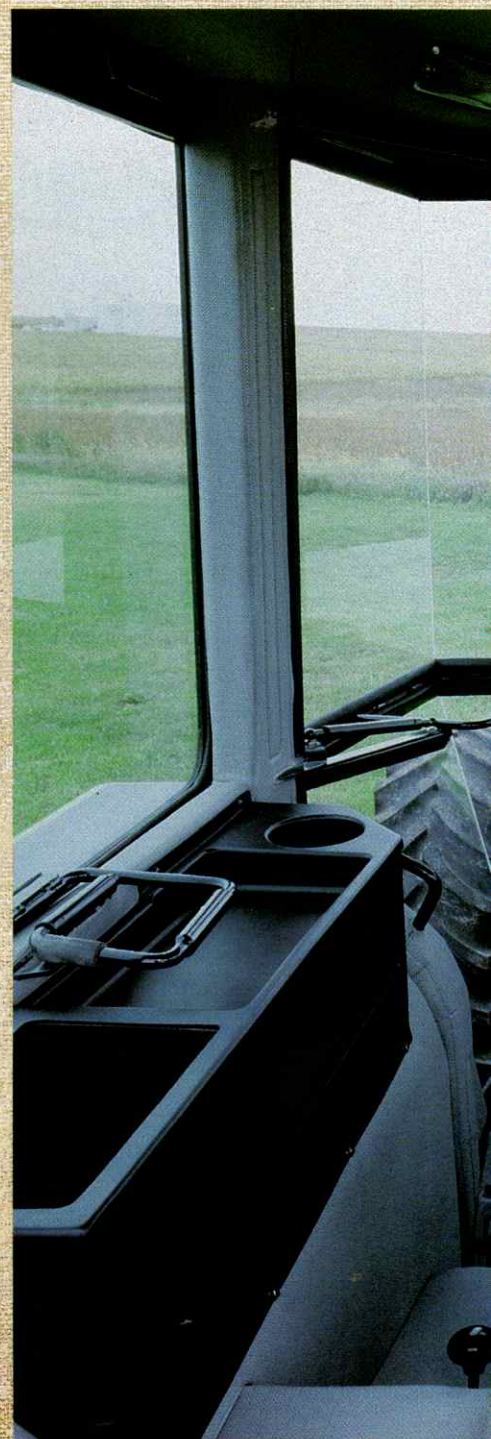
No stretching to reach controls. This cab was designed for all sizes of operators. Controls are within easy reach, letting you sit tight and keep your eyes on your work while maneuvering big implements with ease.

Small spokes in the padded steering wheel give you a clear view of dash instruments. The tilt and telescope steering adjusts easily to meet your preference. And this tilt and telescope system was designed tough for farm tractors, not for cars.

Quiet, comfortable interior. This could be the quietest tractor you've ever driven. You get an acoustic interior lining, a padded floor mat, tight seals all around, and an engine with exceptionally low noise.

And you'll like how the generous roof overhang reduces annoying sun glare and rain on the windows.

Stay-clean environment. The cab's air filter is on the outside, so you won't be spilling dust back into the interior every time you empty it. And you'll find it easy to keep this neutral grey interior looking clean.



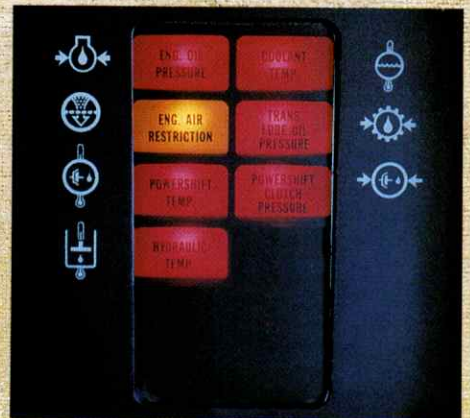
Comfortable Aero-Fit Seat



Easy-open windows. How many times have you wanted to open the window for fresh air, but couldn't? Or found it too difficult to bother? You'll be able to open both side windows and the back window on this cab. Each with a single, one-handed flip of a lever.

Easy-to-read monitors. A bold bar graph constantly displays engine RPM while a digital readout can also give you the engine RPM or important working information such as PTO RPM, engine hours, theoretical ground speed, and theoretical field area covered.

Warning lights indicate engine air cleaner restriction, powershift temperature, hydraulic oil tem-



Bold graphic monitors

perature, and powershift clutch pressure. Both lights and audible alarms warn you of abnormal engine oil pressure, engine oil temperature, and transmission lubrication pressure.

Optional radar. Measuring true field area covered and wheel slip can help you improve fuel efficiency and finetune chemical applications. Estimates of chemical savings alone range up to \$5 per acre, making this radar a necessity rather than just another technical toy.



Roomy doorway

Digital readouts

Experience sure-footed, determined strength.

Convenient controls



Putting the big power of the 9100 series tractors to the ground is a rugged, field proven transmission. With massive ring and pinion gears and planetary final reduction, it has all the strength needed to handle high horsepower.

The proven clutch design delivers positive engagement, while the feel-and-feathering ability helps you manage jobs with smooth, confident control.

18 forward speed choices.

Closely spaced speeds provide nine choices in the working range of 3.0 to 7.5 mph. Plus, three power-shifts under full load allow you to upshift for a 20% increase in speed or downshift for a 20% increase in drawbar pull.

All-wheel drive. You'll grip the ground and pull through the tough-

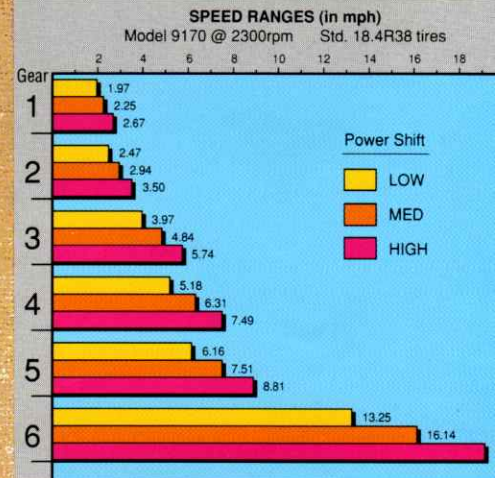
wheels remain in a nearly vertical position, reducing stress on wheel components and axle seals.

Sure-footed differential lock.

A convenient dash switch lets you engage the rear differential lock, and a tap on either brake pedal disengages it. The front differential lock on all-wheel drive models engages automatically when one wheel starts to slip.

Massive axles. These hefty 3⁷/₈-inch double-keyed axles are designed for the power and weight required for heavy-tillage jobs.

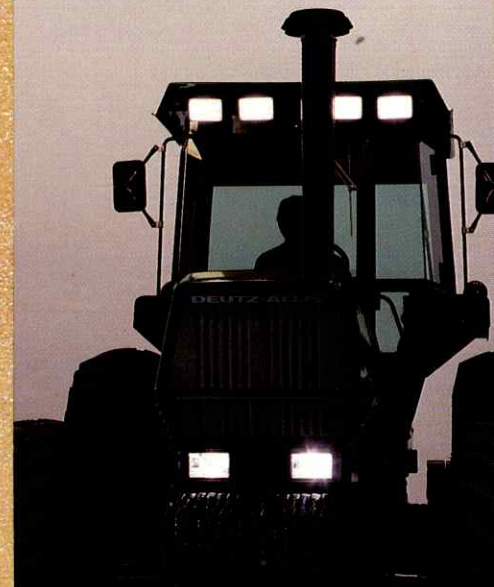
Light up the night. With 2 high/low beam halogen headlights up front, 4 forward halogen worklights on the roof, and 2 halogen worklights to the rear, you'll have plenty of light for road or field.



Short-turning all-wheel drive

est spots to keep your work on schedule. The 9190 comes standard with all-wheel drive, and the 9150 and 9170 are available with either all-wheel or two-wheel drive.

The 50-degree steering angle lets you turn shorter while the



Bright halogens front and back

Hook up with ease and confidence.

One look at this hydraulic system will convince you these power-horses know how to make your work a whole lot easier... and more productive. You'll find a closed-center flow-sensing system with all the capacity you need to handle big implements.

Easy hook-ups. You'll be impressed by how easy it is to hook up implements with the remote outlets. Lever-actuated ISO couplers accept all standard hose tips and make coupling under pressure easy. Two sets of outlets are standard, and another set may be added. Hydraulic flow can be easily regulated to deliver from 2.3 to 22 gpm.

Hefty 3-point hitch. Lets you take on big acreage with heavy implements. Lower link draft sensing

helps maintain implement depth and delivers superior weight transfer to rear wheels. Category II/IIIN/III hitch linkage adapts to a wide range of implements. Choose the optional quick hitch for even easier coupling of large implements.

Hydraulic controls are located close to the operator's right hand on a convenient console.

Independent PTO. A special PTO control and clutch design lets you feather PTO power on or off to reduce drive-line shock at start-up and torque loads at shut-down. A neutral position on the control lets you align PTO splines easily. The 9150 features a 540/1000 RPM PTO. The 9170 and 9190 come with a 1000 RPM PTO.

Quick hitch option



Hard-working, high-capacity hydraulics



Easy-to-reach hydraulic control



Easy-coupling remote outlets

Reliable braking. The hydraulic wet disk brakes measure an impressive 19³/₄ inches for tight turns and sure stops. They're self-adjusting and cooled by transmission oil to stay on the job longer.

The new 9100 series Deutz-Allis tractors.

SPECIFICATIONS

	9150 2WD & AWD	9170 2WD & AWD	9190 AWD
Horsepower, pto*	150 (111.86 kw)	172 (128.26 kw)	193 (143.92 kw)
Engine	Deutz air-cooled diesel	Deutz air-cooled diesel	Deutz air-cooled diesel
Model	BF6L913C	BF6L513R	BF6L513R
Cylinders	6 (Turbocharged) air-to-air intercooler	6 (Turbocharged)	6 (Turbocharged)
Displacement	374 cu. in. (6133 ccm)	584 cu. in. (9578 ccm)	584 cu. in. (9578 ccm)
Rated speed	2400 rpm	2300 rpm	2300 rpm
Clutch	14" (35.5 cm) Single	13" (33 cm) Dual	13" (33 cm) Dual
Transmission	3SP/PS.	3SP/PS.	3SP/PS.
Speeds	18F/6R	18F/6R	18F/6R
Speed range	1.94-20.11 mph (3.12-32.36 kmh)	1.77-18.3 mph (2.85-29.44 kmh)	1.92-19.89 mph (3.09-32.00 kmh)
Differential lock, Front (AWD)	STD	STD	STD
Differential lock, Rear	STD	STD	STD
Brakes	Wet/Hydraulic Disc.	Wet/Hydraulic Disc.	Wet/Hydraulic Disc.
Power-Take-Off	Independent 540 rpm/1000 rpm	Independent 1000 rpm	Independent 1000 rpm
Shaft size	1.375" (3.49 cm) 21 Spline	1.75" (4.45 cm) 20 Spline	1.75" (4.45 cm) 20 Spline
Speed, at engine speed	1000/2400	1061/2300	1061/2300
Hydraulic system	Closed Center Flow Sensing	Closed Center Flow Sensing	Closed Center Flow Sensing
Flow/pressure	24 GPM/2275 psi (90.7 lpm/157 bar)	23 GPM/2275 psi (86.9 lpm/157 bar)	28 GPM/2500 psi (105.9 lpm/173 bar)
Remote valves	2 STD/Opt. 3	2 STD/Opt. 3	2 STD/Opt. 3
Couplers	ISO/Zero Press.	ISO/Zero Press.	ISO/Zero Press.
Three-point hitch	II/III/IIIN	II/III/IIIN	II/III/IIIN
Quick hitch	opt.	opt.	opt.
Steering	Hydrostatic, Tilt & Telescope	Hydrostatic, Tilt & Telescope	Hydrostatic, Tilt & Telescope
Capacities (Filling)			
Fuel tank	90 gal (348 lit)	90 gal (348 lit)	90 gal (348 lit)
Engine crankcase	4.25 gal (16 lit)	6 gal (23 lit)	6 gal (23 lit)
Transmission & Hydraulics	23 gal (89 lit)	23 gal (89 lit)	23 gal (89 lit)
Power shift	6 qt (5.7 lit)	6 qt (5.7 lit)	6 qt (5.7 lit)
Tires (STD)	2WD/AWD	2WD/AWD	2WD/AWD
Front	11.00 x 16/14.9R28	11.00 x 16/14.9R28	DNA/16.9R28
Rear	18.4R38	18.4R38	20.8R38

	9150 2WD & AWD	9170 2WD & AWD	9190 AWD
Est. shipping weight	13,520 lbs/14,880 lbs (6133 kg/6750 kg)	15,640 lbs/16,040 lbs (7094 kg/7276 kg)	DNA/16,600 lbs (DNA/7530 kg)
Dimensions			
Wheelbase	120"/115" 305 cm/292 cm)	119"/115" (302 cm/292 cm)	DNA/115" (DNA/292 cm)
Overall width (STD)	96" (244 cm)	96" (244 cm)	96" (244 cm)
With Opt. long axle	119" (302 cm)	119" (302 cm)	119" (302 cm)
Overall height	122" (310 cm)	122" (310 cm)	122" (310 cm)

*Manufacturer's estimate. DNA=Does not apply.

SPEED RANGES

Gear	Power Shift Range	Model 9150 @ 2400 RPM Std 18.4R38 Tires		Model 9170 @ 2300 RPM Std 18.4R38 Tires		Model 9190 @ 2300 RPM Std 20.8R38 Tires	
		MPH	KMH	MPH	KMH	MPH	KMH
1	Low	1.94	3.12	1.87	3.00	1.92	3.09
	Medium	2.35	3.78	2.25	3.62	2.30	3.70
	High	2.80	4.50	2.67	4.30	2.73	4.39
2	Low	2.53	4.07	2.47	3.97	2.51	4.04
	Medium	3.33	5.36	2.94	4.73	3.06	4.92
	High	3.65	5.87	3.50	5.63	3.61	5.81
3	Low	4.18	6.73	3.97	6.39	4.15	6.68
	Medium	5.05	8.13	4.84	7.79	5.03	8.09
	High	6.03	9.70	5.74	9.24	6.01	9.67
4	Low	5.44	8.75	5.18	8.33	5.35	8.60
	Medium	6.59	10.60	6.31	10.15	6.55	10.54
	High	7.87	12.66	7.49	12.05	7.76	12.49
5	Low	6.47	10.41	6.16	9.91	6.45	10.38
	Medium	7.83	12.60	7.51	12.08	7.76	12.49
	High	9.35	15.04	8.89	14.30	9.29	14.95
6	Low	13.92	22.40	13.25	21.32	13.77	22.16
	Medium	16.84	27.10	16.14	25.97	16.51	26.56
	High	20.11	32.36	19.13	30.78	19.89	32.00
R1	Low	2.26	3.64	2.14	3.44	2.24	3.60
	Medium	2.73	4.39	2.61	4.20	2.72	4.76
	High	3.26	5.25	3.11	5.00	3.22	5.18
R2	Low	4.85	7.80	4.62	7.43	4.81	7.74
	Medium	5.88	9.46	5.64	9.07	5.85	9.41
	High	7.01	11.28	6.67	10.73	6.94	11.17

See what sets us apart...at your Deutz-Allis dealer.



Look to your Deutz-Allis dealer for genuine replacement parts and trained service technicians to keep your equipment on the job and earning. Stop in soon and get acquainted. And while you're there, ask about the wide range of financing and insurance packages to help you get started now enjoying the extra productivity of Deutz-Allis equipment.

The information contained herein is general in nature and is not intended for specific application purposes. Deutz-Allis reserves the right to make changes in specifications shown herein or to add improvements at any time without notice or obligation.

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