



WHITE

NECESSARY TOUGHNESS

WHITE



MODELS 6045/6065/6085/6105
6090 Hi-Clearance

MIDSIZE TRACTORS

UP TO THE JOB, NO MATTER WHAT!

**White
Midsize
Tractors:**

**Hard
Workers
With
Multiple
Job Skills.**

WHITE

If you want no-nonsense dependability in a tough, versatile, general purpose or utility tractor, just put a member of the White 6000 Series on the job. All five of these midsize models are designed and built to live up to the strong White reputation for ruggedness and reliability under the toughest conditions.

So you can count on any one of them to handle the all-day, everyday pulling, pushing, powering and hauling that keeps your farming operation going. In addition to their necessary toughness, White 6000 Series tractors have the features you need to keep your efficiency and their value right up where you want them.

What's more, all the sheet metal on their sleekly styled bodies is protected by rust-resistant zinc for unmatched durability. Then six layers of coating are topped by two layers of acrylic lacquer for a dazzling finish which will fight chalking and rust. That means your White midsize tractor will look good doing it all – and stay that way for years.



FINDING WHAT YOU WANT IS SIMPLE.

Comfortable, Efficient Operation

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Model 6045

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Model 6090

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White midsize tractors include:

45 PTO hp 6045

63 PTO hp 6065

80 PTO hp 6085

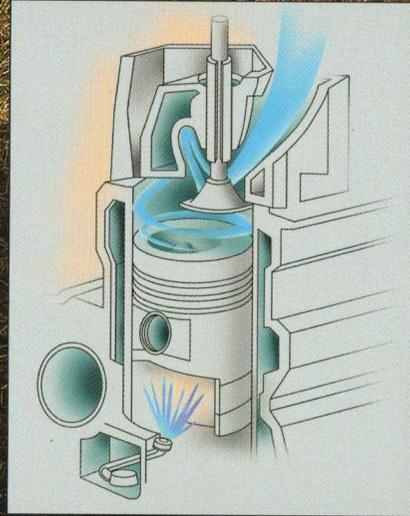
80 PTO hp 6090

Hi-Clearance

106 PTO hp 6105

DOUBLE COOLING TO MAKE YOUR ENGINE TWICE AS TOUGH.

- 1000 SERIES
- 4-6 CYLINDERS
- TURBOCHARGED OR NATURALLY ASPIRATED
- PRECISION FUEL INJECTION
- HIGH TORQUE RISE



Double Cooling For Added Reliability.

ENGINE

WHITE

White uses a special combination of liquid and oil cooling systems to prolong engine life and increase reliability. We start with liquid circulating in the wet sleeve engine to provide uniform cooling and to eliminate hot spots that cause piston scuffing. In addition, a pressurized oil jet is sprayed at the underside of the piston to cool the hottest spot – the “combustion bowl.”

This dual system controls operating temperatures, lets the engine operate at higher horsepower levels and improves its reliability under extreme loads. To reduce engine wear even further, a crankcase oil-cooler maintains lubricant viscosity under severe temperatures and operating conditions. On our 4-cylinder models, a Dynamic Counter-Balancer (two counter-rotating weights which spin at twice the crankshaft rpm) dramatically reduces engine vibration and, with it, the stress on components and operator.

For improved combustion, unique spiral intake ports let more air enter the combustion chamber. Individual, immersed injection pumps with precision multi-hole nozzles are timed to inject fuel exactly when each cylinder needs it, in just the right amount. And you get quick starts with less smoke, plus efficient fuel consumption.

The Precision Of An Electronic Governor Control System On The 6105

For saving on fuel and, depending on the job, achieving the most desirable or steadiest ground speed, there's nothing more advanced than our Electronic Governor. It reduces the need for downshifting, delivers quick-response accuracy, “remembers” low and high idle speeds and can maintain a constant rpm from 0 to 100% load. The Electronic Governor is also maintenance-free and comes standard on the 6105.

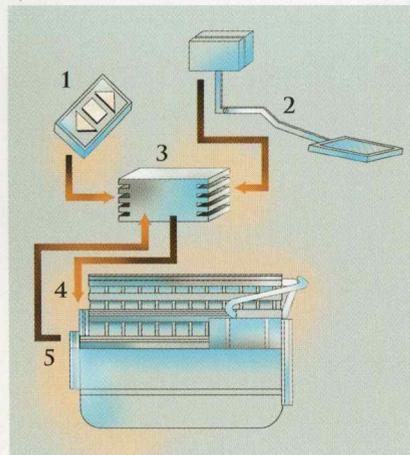
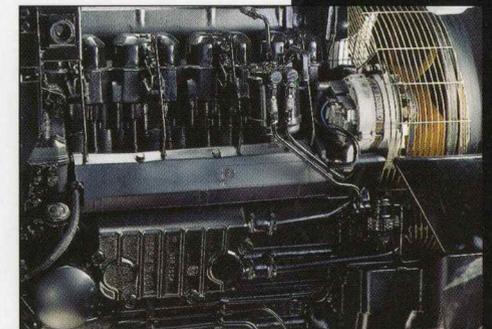


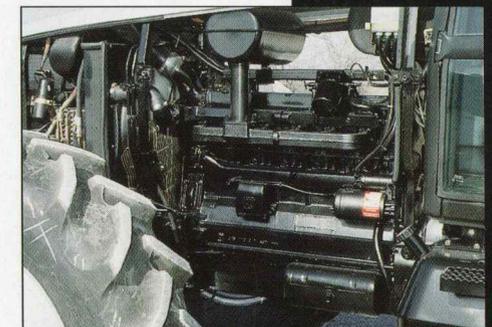
DIAGRAM: The electronic touch pad (1) and the foot accelerator (2) send electronic signals to a microcomputer (3), which processes them and directs the Electronic Governor (4). The Engine Speed Sensor (5) monitors engine rpm to help maintain the rpm that was originally specified.



6065: four cylinders, naturally aspirated, 29.8% torque rise.



6085: four cylinders, TURBOCHARGED, 33% torque rise.



6105: six cylinders, naturally aspirated, 24.7% torque rise.

- SYNCHRONIZED REVERSER
- SELF-ADJUSTING CLUTCH
- CREEPER RANGE
- CERAMETALLIC BUTTON CLUTCH DISC
- HEAVY-DUTY PLANETARY FINAL DRIVE

TRANSMISSION



SYNCHRONIZED TRANSMISSIONS GEARED TO MEETING YOUR DEMANDS.

Model	Forward Gears	Reverse Gears	Type	Syncho-Reverser
6045 Standard 2WD/PFA	12	12	Synchromesh w/ Creeper	Yes
6045 Option 2WD/PFA	16	8	Synchromesh	Yes
6065 Standard 2WD/PFA	12	12	Synchromesh	Yes
6065 Option 2WD/PFA	16	16	Synchromesh w/ Creeper	Yes
6085 Standard 2WD/PFA	16	16	Synchromesh w/ Creeper	Yes
6085 Option 2WD/PFA	30*	30	Power Hi-Lo	Yes
6090 2WD/PFA	20	20	Creeper	Yes
6090 2WD/PFA	19	19	Super Creeper	Yes
6105 Standard 2WD/PFA	24	12	Synchromesh	Yes
6105 Option 2WD/PFA	36*	36	Power Hi-Lo	Yes

*Note: 40khp transmissions now available on 6085 and 6105 with PFA only. Ask your dealer for details.

WHITE

With a variety of transmissions to choose from, the 6065, 6085 and 6105 offer plenty of choices for a wide range of jobs. Our synchronized transmissions make speed changes quick and easy. And they come complete with a fully synchronized reverser. Some transmissions match forward and reverse speeds to save you valuable time on shuttle operations. Creeper speed transmissions are available to make smooth work of jobs that call for steady, slow speed.

When the going gets wet, muddy, snowy or slick, you can count on our differential lock to pull you through. When you activate the 6105's electro-hydraulic differential lock or the mechanical diff-lock on other models, it links both rear wheels so that the one with the best traction can do the work. If you have a Power Front Axle model, the front differential lock engages with the rear to make your White tractor even more sure-footed.

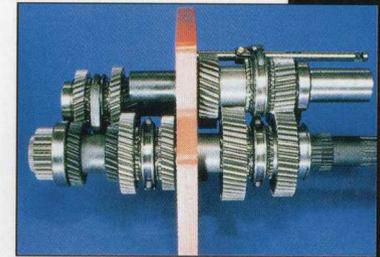


Engineered For Extended Years

- Inboard planetary final drive absorbs torque at the axle shaft and transfers the force over three individual gears for long-term durability under the highest loads.
- A self-adjusting hydraulic servo-actuated clutch has no external rods or clevises to adjust or wear out. It takes up "free-play" automatically, making linkage adjustments a thing of the past.
- The special cerametallic button clutch disc helps extend clutch life with its ability to resist the heat of heavy, repetitive work like running a front-end loader.



6085 Transmission



6105 Transmission

TOOLS THAT LET YOU TACKLE THE TOUGHEST JOBS.

- OPEN CENTER SYSTEM
- 3-POINT HITCH
- TELESCOPIC STABILIZERS
- INDEPENDENT PTO
- ECONOMY PTO AVAILABLE

HYDRAULICS/PTO

WHITE



Model 6085

A White 6000 Series tractor has the hydraulics and hitch to handle whatever you put behind it. The open center hydraulic system (14.9 to 27.7 gpm total flow, depending on model) delivers full flow but provides only enough pressure to move the load. So you avoid the horsepower loss that comes from always pumping against full-system pressure.

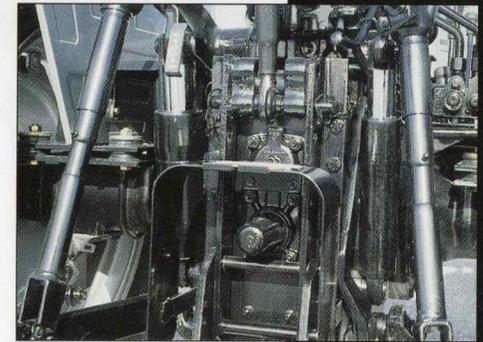
Reliable drive for "live" hydraulics comes from a pair of transmission-mounted, tandem gear pumps. Since one pump supplies steering and transmission lubrication, the other is free to assure flow to the 3-point hitch and remotes.

The hitch is an ASAE Category II-I with telescopic stabilizers. A draft, position, mixed and float control gives it the skills for most applications. On a 6105, you get the option of an electronic 3-point hitch. This versatile tool makes it easy to control implement draft, depth, implement lowering speed and more.

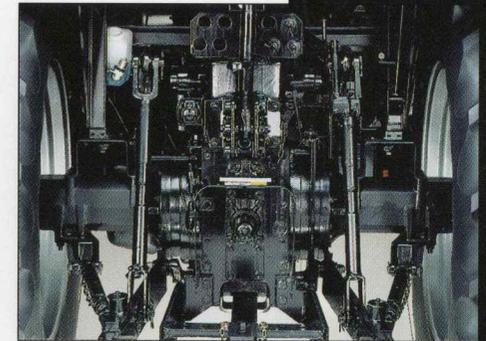


A PTO For Well-Rounded Performance

For smooth, gradual engagement, the independent 540/1000 rpm PTO is hydraulically actuated through a wet, multi-disc clutch. Multi-disc design gives the clutch a large surface area, letting it drive high torque loads without slippage. Clutch discs are bathed in oil, which keeps them cool and helps prevent burnout. A separate economy speed on the 6065 cab model, 6085 and 6105 saves fuel when you're using implements like augers, sprayers and tedders that don't need maximum PTO power. Just switch to the economy PTO gear set, and engine speed is reduced by 25%. You'll cut fuel consumption by as much as 15% while still running the PTO at 540 or 1000 rpm.



6065: 540/1000 rpm PTO



6085: 540/1000 rpm PTO

FEELING IN CHARGE AND ON TOP OF THE WORLD.

- 2- AND 4-POST ROPS
- ISO-MOUNTED CABS
- CONVENIENT CONTROLS
- REDUCED VIBRATION
- EASY MAINTENANCE ACCESS

OPERATION



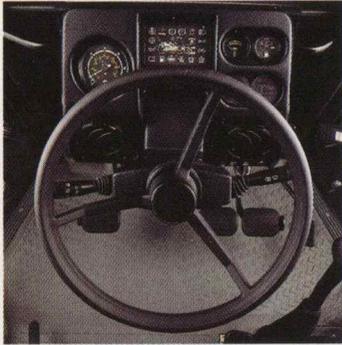
A high-comfort, high-visibility cab is standard on 6105.

WHITE

Whether your choice is a model with ROPS or cab, it will be designed to make hard work easier on you. The cabs and 6085 ROPS operator platform are suspended by four iso-mounts that eliminate excess vibration. Iso-mount design also means a raised, flat operator's platform with lots of foot and leg room.

Hydrostatic power steering is standard. You'll also find controls intelligently placed to the sides of your seat, with the ones you'd normally use most on the right, and others on the left.

Large, angled steps with hand grips where you need them make getting in and out less of a chore. Inside, there's anti-slip rubber matting for added safety and faster cleanup. Even regular maintenance is simplified, thanks to side panels you can remove quickly for routine service.



Dash panel detail of the 6085 model.

Extra Quiet And Comfort In The Cab

- Cabs are suspended on four anti-vibration rubber mounts for smooth, almost noiseless performance.
- Sound-deadening material on the walls, ceiling and firewall.
- Extra sound proofing from PVC fender undercoating, which also fights corrosion in all models.
- Tilting/telescoping steering wheel (also on 6085 ROPS) adjusts to the position you want.
- Under-the-hood muffler and narrowed, front exhaust pipe for a better working view.



6065: 2-post ROPS or cab.



6085: 4-post ROPS or cab.



6105: ISO-mounted cab.

ADVANTAGES TO KEEP YOU WORKING IN THE RIGHT DIRECTION.

- 2WD OR PFA
- TRUE CENTERLINE PFA DRIVE
- ULTRA-TIGHT 2WD TURNING ANGLES
- HYDRAULIC WET DISC BRAKES
- AUTOMATIC BRAKE ADJUSTMENT

STEERING / BRAKES



Model 6085



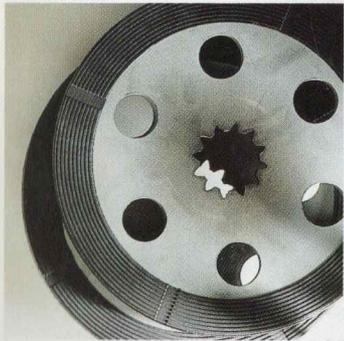
The 6105 is available with 2-wheel drive or Power Front Axle.

WHITE

Maneuverability is a big part of how White midsize tractors earn their keep. Our 2WD models have an amazing 72-degree turning angle, so the ends of narrow rows or tight spots all over the farm are definitely no sweat for them or you. They also have high ground clearance to clear your crops.

PFA models give you maximum pulling power plus the efficiency of a true centerline drive. In other words, PFA models are designed so that the centerline of the front pinion shaft is also the centerline of the front axle housing and driveshaft, with the axle pivoting around the driveshaft.

With centerline drive, there are no universal joints, so there's less power loss in the propeller shaft. True centerline drive gives you extra clearance underneath the tractor, too.



The Unstoppable Stopping Power Of Hydraulic Wet Disc Brakes

- Brakes are constantly bathed in oil to keep the linings and entire braking system cool – and extend their working life.
- Hydraulic linking eliminates potential trouble spots like pins and rods.
- Automatic “free-play” adjustment means no periodic maintenance.
- Wet disc brakes on all four wheels of PFA models give you up to 40% more stopping power than other front wheel drive tractors of the same horsepower and weight.



*72° turning angle
on 2WD models*



*50° turning angle
on PFA models*

THE HIGHLY ECONOMICAL 6045 FOR NECESSARY VALUE.

From its 1000 series double-cooled diesel to its rust-resistant finish, the 6045 packs the necessary toughness of our 6000 Series into a low-profile dynamo. The 3-cylinder, naturally aspirated engine delivers 45 PTO horsepower.

The 12 x 12 creeper transmission is standard and the 16 x 8 optional provides more speed choices in the field-speed range. What's more, the 12F x 12R creeper transmission is a standard feature on the 6045. Both transmissions feature a synchronized shuttle.

Hard-Working Hydraulics And More

- 6045 has an open center hydraulic system with 16.8 gpm total flow.
- ASAE Category II-I 3-point hitch with telescopic stabilizers.
- Hydrostatic power steering and hydraulic wet disc brakes are standard, as well as 540 independent PTO, along with the option of 2WD or PFA.

Of course, like every other model in the 6000 Series, the 6045 puts controls where they're convenient and makes maintenance easy.



■ 45 PTO
HORSEPOWER

■ 3-CYLINDER,
NATURALLY
ASPIRATED
ENGINE

■ 2-POST ROPS

■ CREEPER SPEED
TRANSMISSION
STANDARD

■ INDEPENDENT
540 RPM PTO

MODEL 6045

WHITE

THE HI-CLEARANCE 6090 FOR SPECIALIZED PERFORMANCE.

Designed especially for row crops, the 80 PTO hp Hi-Clearance 6090 combines the biggest advantages of the 6000 Series with the generous clearance you need to get special jobs done. Just look at the space it gives your valuable vegetables.

6000 Series Features For The Height Of Productivity

- 1000 Series double-cooled engine with direct fuel injection and vibration-reducing Dynamic Counter-Balancer.
- Self-adjusting clutch with cerametallic button clutch disc.
- Hydrostatic power steering and hydraulic wet disc brakes.
- Iso-mounted, operator platform.
- Independent 540/1000 rpm PTO with hydraulically actuated wet multi-disc clutch.
- Open center 21.8 gpm hydraulic system.
- ASAE Category II-I 3-point hitch with telescopic stabilizers.

	2WD 6090	PFA 6090
Ground clearance		
Front axle	28"	23.2"
Draw bar	21.7"	21.7"
Crop clearance		
Front axle	28"	27.2"
Rear axle	33"	33"



- 33" REAR AXLE CROP CLEARANCE
- 80 PTO HORSEPOWER
- 4-CYLINDER TURBO-CHARGED DIESEL
- 4-POST ROPS
- 20F X 20R CREEPER TRANSMISSION

MODEL 6090

A DEALER WHO'S DEFINITELY WITH YOU ALL THE WAY.

Every White 6000 Series tractor comes with the support of a highly qualified and knowledgeable dealer network plus a strong manufacturer's warranty. A 2-year/2,000-hour warranty is standard, and you have the option of buying non-deductible extended coverage to 3-years/3,000-hours or 4-years/4,000-hours. That's your assurance of quality service being available when you need it. And you can count on your dealer for a full range of genuine White parts and supplies to keep your 6000 Series tractor – and you – working at peak efficiency.

White dealers have the factory training and hands-on field experience to get you started right and keep you going strong. So if there's more you need to know about White Model 6045, 6065, 6085, 6090 or 6105 tractors, just ask. Then, if you haven't taken a test drive already, climb aboard and get a feel for necessary toughness.



■ A DEPENDABLE
DEALER
NETWORK

■ QUALIFIED
SERVICE

■ SOUND
ADVICE

■ GENUINE
WHITE PARTS

■ 2-YEAR/
2000-HOUR
WARRANTY

DEALER SUPPORT

WHITE

BASIC WARRANTY

All new products have a basic warranty period. During this period of coverage, White will repair or replace, at its option, any defective part except those warranted by their respective manufacturers (i.e., tires, radios, etc.). Warranty does not apply to normal maintenance items such as, but not limited to: filters, fluids, belts, frictional linings, cutting or ground penetrating parts. These wear items are not warranted to last the length of the warranty period, only to be of proper material and workmanship. Such items may wear out through normal use in less time than the specified warranty coverage.

SERIES 6045, 6065, 6085, 6090 & 6105

BASIC WARRANTY

<i>Months</i>	<i>Hours</i>	<i>Components</i>
1-24	2000 (whichever comes first)	See Basic Warranty above.

ADDITIONAL COVERAGE AVAILABLE FOR PURCHASE*

<i>Months</i>	<i>Hours</i>	<i>Components</i>
12 (additional)	1000	See Basic Warranty above.
To total 36 months or 3000 hours, whichever comes first.		

OR

<i>Months</i>	<i>Hours</i>	<i>Components</i>
24 (additional)	2000	See Basic Warranty above.
To total 48 months or 4000 hours, whichever comes first.		

*Purchase of the ADDITIONAL COVERAGE must be accomplished within 60 days of machine delivery.

Engine includes: Crankcase, oil pan, cylinder head, valve cover, timing gear cover and all components fully encased within. This also includes all fuel injection components, turbocharger, water pump, engine oil cooler, manifolds and torsional vibration dampener.

Power Train coverage is limited to: Clutch housing, transmission housing, auxiliary transmission housing, final drive housings, drive axles and components fully encased within.



WHITE

WARRANTY

THE NUMBERS YOU NEED ARE ALL HERE.

	6045 ROPS	6065 ROPS	6065 CAB
Power Take-Off	PTO hp @ Rated Engine RPM - hp (kW) @ 2350 - 45.0 (35.7) @ 2350 - 62.77 (46.81) @ 2350 - 62.77 (46.81)		
Engine	Model 1000.3-W	1000.4-W	1000.4-W
	Type..... Four Stroke, Direct Injection, Wet Sleeve, Diesel	Four Stroke, Direct Injection, Wet Sleeve, Diesel	Four Stroke, Direct Injection, Wet Sleeve, Diesel
	Number of Cylinders..... Three	Four	Four
	Bore - inches (mm) 4.14 (105)	4.14 (105)	4.14 (105)
	Stroke - inches (mm) 4.55 (115.5)	4.55 (115.5)	4.55 (115.5)
	Displacement - inches ³ (cc)..... 183.1 (3000)	244 (4000)	244 (4000)
	Compression Ratio..... 17 : 1	17 : 1	17 : 1
	Aspiration..... Naturally	Naturally	Naturally
Transmission (Standard)	Type..... Mechanical, Synchromesh, Creeper ...	Mechanical, Synchromesh	Mechanical, Synchromesh
	Speeds..... 12 Forward x 12 Reverse (Synchronized F/R)	12 Forward x 12 Reverse (Synchronized F/R)	12 Forward x 12 Reverse (Synchronized F/R)
Transmission (Option)	Type..... Mechanical, Synchromesh	Mechanical, Synchromesh, Creeper ...	Mechanical, Synchromesh, Creeper ...
	Speeds..... 16 Forward x 8 Reverse (Synchronized F/R)	16 Forward x 16 Reverse (Synchronized F/R)	16 Forward x 16 Reverse (Synchronized F/R)
Hydraulics	Type..... Open Center	Open Center	Open Center
	Maximum Relief Pressure - psi (bar)..... 2610 (180)	2610 (180)	2610 (180)
	Total Flow - gpm (lpm) 16.9 (63.9)	14.9 (56.4)	16.5 (62.5)
	Remote Flow - gpm (lpm) 11.9 (45.0)	11.0 (42.0)	11.0 (42.0)
	Number of Remotes 2	2	2
Hitch	ASAE Hitch Category..... Category II/I	II/I	II/I
	Lift Capacity @ 24" Behind Hitch Point - lb. (kg) .. 4163 (1888)	4961 (2249)	4961 (2249)
	Type of Stabilizers..... Telescopic	Telescopic Links	Telescopic Links
Capacities	Fuel - gallons (l) 15.3 (58)	16.2 (61.5)	22.45 (85)
	Transmission/Hydraulic Fluid - gallons (l) 11 (41.5)	11.9 (45)	11.9 (45)
Dimensions (PFA)	Wheelbase - inches (mm) 75.8 (1926)	89.8 (2280)	92.9 (2360)
	Overall Length - inches (mm) 133 (3380)	141 (3585)	141.0 (3495)
	Minimum Overall Width - inches (mm)..... 66.7 (1695)	73.2 (1860)	77.1 (1960)
	Maximum Overall Width - inches (mm) 82.5 (2095)	96.9 (2460)	96.9 (2460)
	Maximum Height - inches (mm) 87.9 (2232)	96.5 (2450)	98.0 (2750)
	Approximate Shipping Weight - pounds (kg)..... 4519 (2050)	6220 (2820)	6768 (3070)

6085 ROPS

6085 CAB

6090 ROPS

6105 CAB

@ 2500 - 80.15 (59.77)	@ 2500 - 80.15 (59.77)	@ 2500 - 80 (60.4)	@ 2500 - 106.34 (79.3)
1000.4-WT	1000.4-WT	1000.4-WT	1000.6-W
Four Stroke, Wet Sleeve, Direct Injection, Turbocharged Diesel	Four Stroke, Wet Sleeve, Direct Injection, Turbocharged Diesel	Four Stroke, Wet Sleeve, Turbocharged Diesel	Four Stroke, Direct Injection, Wet Sleeve, Diesel
Four	Four	Four	Six
4.14 (105)	4.14 (105)	4.13 (105)	4.14 (105)
4.55 (115.5)	4.55 (115.5)	4.55 (115.5)	4.55 (115.5)
244 (4000)	244 (4000)	244 (4000)	366 (6000)
17.1 : 1	17.1 : 1	17.1:1	16 : 1
Turbocharged	Turbocharged	Turbocharged	Naturally
Mechanical, Synchromesh, Creeper	Mechanical, Synchromesh, Creeper	Mechanical, Synchromesh, Creeper	Mechanical, Synchromesh
16 Forward x 16 Reverse (Synchronized F/R)	16 Forward x 16 Reverse (Synchronized F/R)	20 Forward x 20 Reverse (Synchronized F/R)	24 Forward x 12 Reverse (Synchronized F/R)
Mechanical, Synchromesh with Power Hi-Lo	Mechanical, Synchromesh with Power Hi-Lo	Mechanical, Synchromesh, Super Creeper	Mechanical, Synchromesh w/Power Hi-Lo
30 Forward x 30 Reverse (Synchronized F/R)	30 Forward x 30 Reverse (Synchronized F/R)	19 Forward x 19 Reverse (Synchronized F/R)	36 Forward x 36 Reverse (Synchronized F/R)
Open Center	Open Center	Open Center	Open Center
2610 (180)	2610 (180)	2610 (180)	2755 (190)
21.8 (82.7)	21.8 (82.7)	21.8 (82.7)	25.8 (97.6)
15.8 (59.8)	15.8 (59.8)	15.8 (59.8)	14.7 (55.8)
2 (3)	2 (3)	2 (1 with flow control)	3 Double-Acting
II/I	II/I	II/I	II/I
3934 (1784)	3934 (1784)	6437 (2920)	9260 (4200)
Telescopic Links	Telescopic Links	Telescopic Links	Telescopic Links
26.4 (100)	26.4 (100)	22.5 (85.2)	51.5 (195)
11.9 (45)	11.9 (45)	17.2 (65)	20 (75.7)
94.9 (2410)	94.9 (2410)	90.6 (2301)	107.5 (22730)
145.1 (3685)	145.1 (3685)	169.3 (4300)	159.1 (4040)
77.0 (1957)	77.0 (1957)	80.5 (2044)	98.0 (2489)
100.0 (2541)	100.0 (2541)	97.0 (2463)	126.0 (3200)
100.1 (2543)	106.5 (2705)	101.2 (2570)	108.5 (2755)
6779 (3075)	7385 (3350)	7831 (3552)	10,830 (4930)

AGCO



WHITE

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