

6080 4WD & 2WD 6060 4WD & 2WD

Meet The New Powerhouses



Better
by Design
 ALLIS-CHALMERS

BUILT TO TAKE IT. POWER TO MAKE IT.

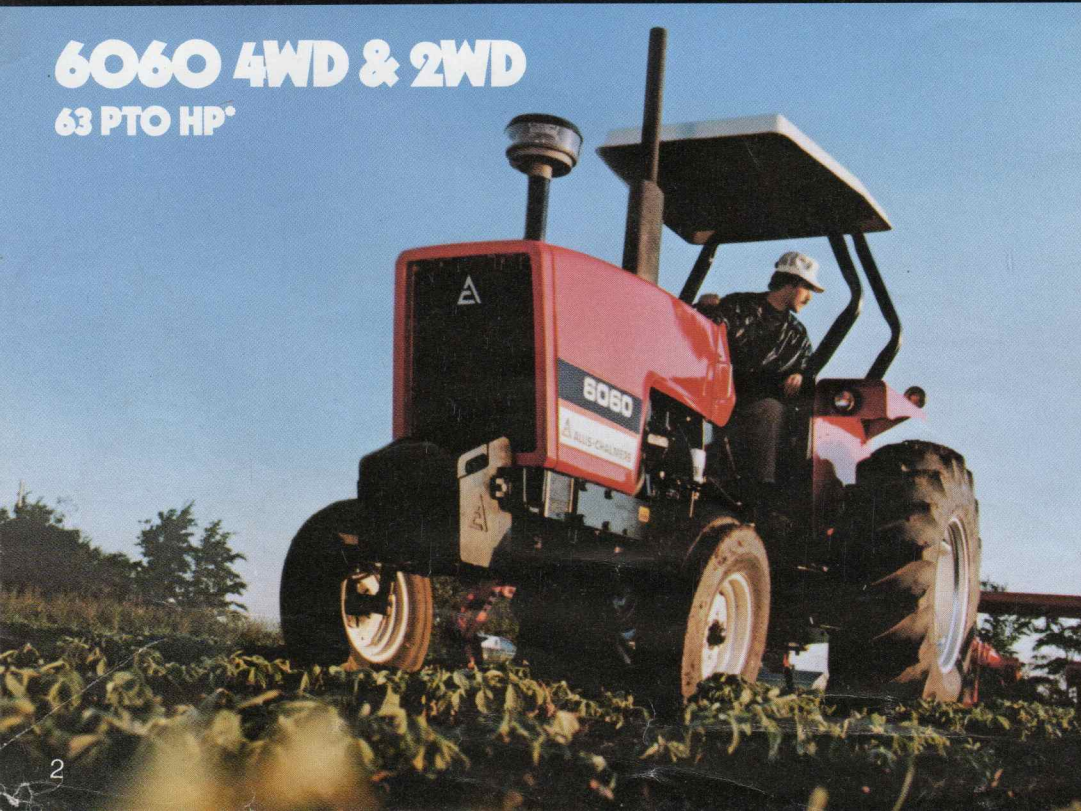
Meet the four new powerhouses from Allis-Chalmers. The new 6080's with a powerful 83 PTO HP.* And the new 6060's, power packed with 63 PTO HP.* Each in 2-wheel drive and 4-wheel drive models. Four rugged, hard charging machines that are built by Allis-Chalmers to take on all your farm chores. Plow, disk, plant, cultivate, mow and more. Versatility to do it all on the farm with the power to make it easy. Power to till up the toughest ground. Work a loader from sun-up to sun-down. Plant the precise stands you want. Uproot the deepest weeds. Put a grinder-mixer through its paces. And mow down the thickest fields. The new 6080 and 6060 tractors from Allis-Chalmers.

*Manufacturer's estimated maximum PTO horsepower at rated engine speed.

6080 4WD & 2WD 83 PTO HP*



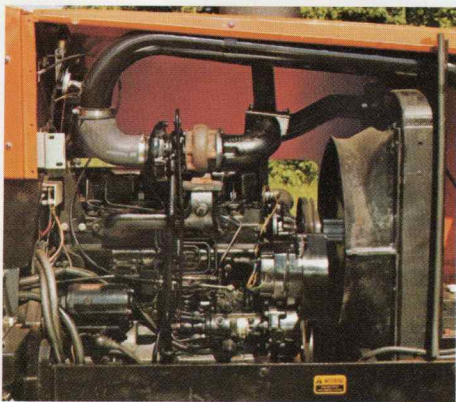
6060 4WD & 2WD 63 PTO HP*



POWER. PURE AND SIMPLE.

PROVEN ENGINE PERFORMANCE

The powerplant in the 6080 and 6060 tractors is a four cylinder, in-line direct-injection diesel engine. Turbocharged in the 6060's, turbocharged and inter-cooled in the 6080's. This is the same Allis-Chalmers diesel engine that has been field proven for years in powering other Allis-Chalmers machines like *Gleaner* combines. Here's high performance power and years of reliability with a deep-skirted block for rigidity and wet sleeves for superior cooling. Opposed manifolds also control heat with cooler intake air entering the combustion chamber. Piston-cooling helps prolong engine life with a constant spray of cooling lube oil on the undersides of all pistons.



HIGHER TORQUE BACKUP

Proven engine performance continues with a reserve power system of outstanding torque backup. Plenty of hidden power to easily get you through tough spots.

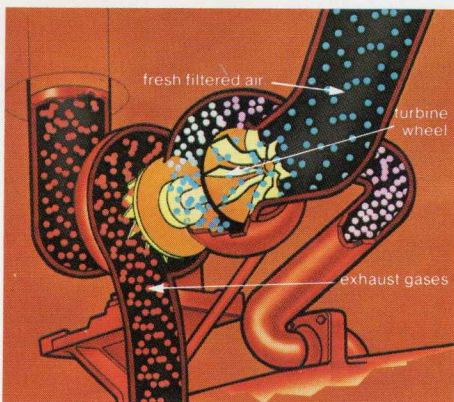
BIG POWER TRANSMISSIONS

When it comes to putting all this hard working power in gear the new 6080 does it with a rugged transmission. There's 12 speeds forward and 3 reverse from a 4-speed gear box and 3-speed range selector. Featuring all synchronized shifting through the main 4-speed

gear box. With five speeds in the work range between 2.0 and 6.5 mph, and nine speeds below 10.0 mph. The 6060 transmission is a sturdy 8-speed forward and 2 reverse from a 4-speed gear box and 2-speed range selector. Shifting from 3rd to 4th and 7th to 8th is synchronized. There are four speeds between 2.0 and 6.5 mph. And both transmissions have adequate speeds between 1.0 and 2.0 mph to match their power load for jobs like forage harvesting. Big cerametallic clutches hold onto the high torque horsepower and make shifting smooth and easy.

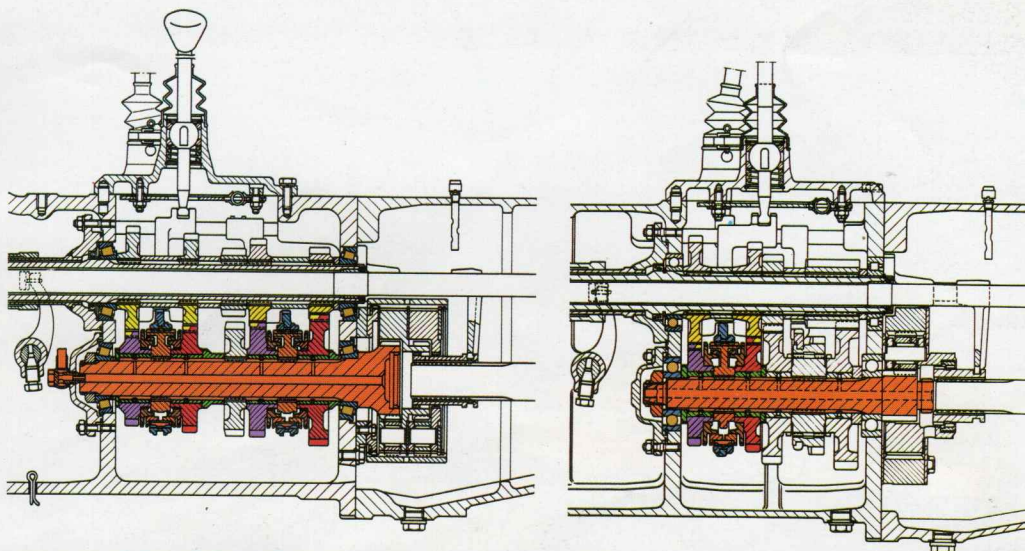
		Ground Speed at 2300 Engine RPM												2-wheel drive & 4-wheel drive Models		
		Gear/Forward										Gear/Reverse				
		1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3
6080																
12-speed Trans.	MPH	1.0	1.4	1.7	2.1	3.0	4.0	5.0	6.2	8.8	11.5	14.4	18.0	0.98	2.9	8.4
18.4 x 34 tires	km/h	1.6	2.2	2.7	3.4	4.9	6.4	8.0	10.0	14.2	18.6	23.2	29.0	1.6	4.6	13.4
6060																
8-speed Trans.	MPH	1.4	2.0	3.0	3.9	5.0	7.2	10.7	13.9				1.8	6.5		
18.4 x 28 tires	km/h	2.2	3.2	4.8	6.2	8.0	11.6	17.3	22.4				2.9	10.4		

NOTE: 6080 — All forward gears in 12-speed transmission are synchronized.
6060 — 8-speed transmission is synchronized in 3rd, 4th, 7th, and 8th gears.



TURBOCHARGED FUEL EFFICIENCY

Turbocharging packs more air into the combustion chamber for better fuel economy and top performance. Fuel efficiency to keep you working longer, with the responsiveness and torque needed for high-powered farming.



SYNCHRONIZED TRANSMISSIONS FOR EASY SHIFTING

Built in synchronizers allow you to shift-on-the-roll through all four main

gears of the 12-speed 6080, and from 3rd to 4th and 7th to 8th in the 8-speed 6060. Shift up or down without gear clash.

HIGH POWERED TRACTION. TOUGH PULLING MUSCLE.

Big power engine performance of the 6080's and 6060's is followed by tough rear ends with plenty of pulling muscle and big tractor features. Large planetary final drives handle the load. Wet disc brakes mean long, chatter-free life. A differential lock comes standard on each tractor to keep power to the ground in slippery conditions.

For additional traction and power you have the 6080 and 6060 4-wheel drive models. Engage the mechanical four-wheel drive option and move through muddy or hilly conditions. Added traction to pull high-draft loads with less tire wear, less compaction, and less fuel consumption.

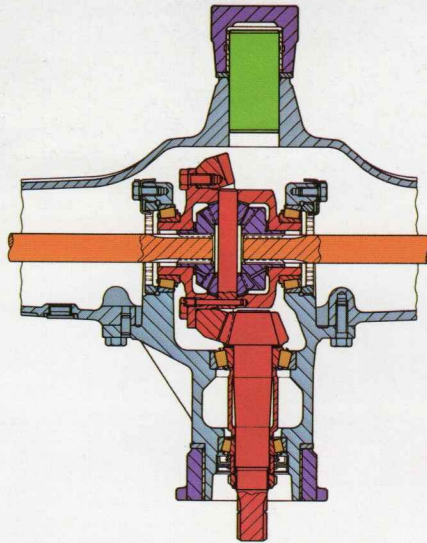


4-WHEEL DRIVE VERSATILITY.

The 6080 and 6060 are available in 4-wheel drive models. Simple engagement of a single lever adds traction and versatility to take on any task in the toughest conditions with this mechanical 4-wheel drive package. This is a direct in-line-drive front wheel axle with the rotating shaft centered for optimum performance and to eliminate interference with crops. Better traction, better fuel economy, less compaction, and less tire wear are offered with this 4-wheel drive option.

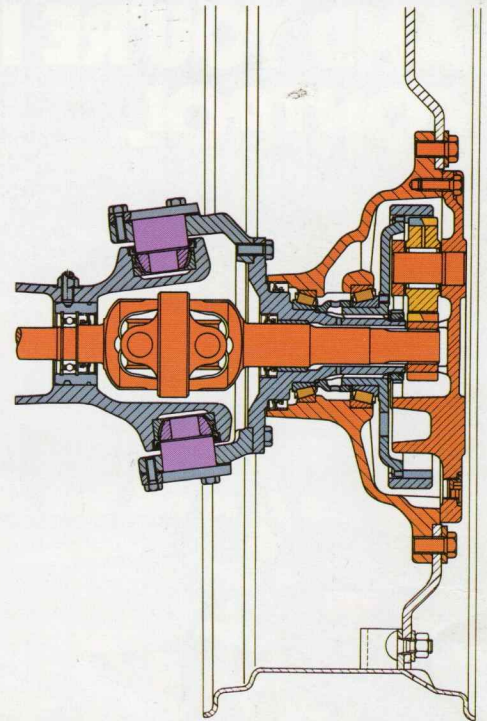
ROW SPACING FLEXIBILITY

Each model of the 6060 and 6080 tractor offers adjustable front axles and power shift rear wheels as standard equipment. An optional wide axle provides a wide 100" front tread and 96" rear tread on both models. Both 4-wheel drive models provide 17" of front tread adjustment. See specifications for detail front and rear tires and treads.



4WD AXLE

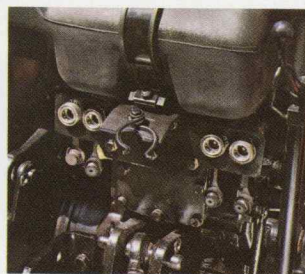
4-wheel drive power with a direct in-line front axle. The rotating shaft is centered to eliminate universal joints and many bearings for greater reliability in this



better designed axle. Here's a versatile unit to pull you through a rainy season or tough spots in your fields. Feel the control on hillside cropland and light or wet soil flatlands.



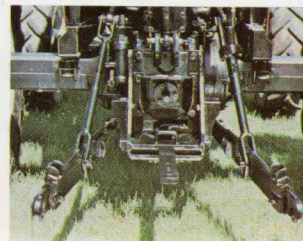
STRENGTH IN THE REAR MAIN HOUSING.



HYDRAULICS FOR POWER FARMING

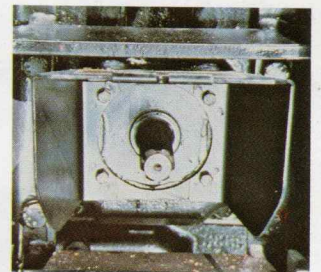
The 6080 and 6060 hydraulic systems are open-center types with 19.0 gallon capacity. This is a two-circuit pump system with one section of the pump working the power steering, and the other section operating the hydraulic outlets and 3-point hitch. Each tractor has two remote outlets available with breakaway couplers, and float lock out for specialized implement operation. Position control and draft control are standard, as is the

Traction Booster system. This system senses load/demand and automatically transfers weight to the rear wheels, increasing traction to match draft.



HEAVY-DUTY LIFTABILITY

The category II 3-point hitch has plenty of lifting capacity. The 6060's can easily lift 3500 lbs. at 24" behind the lift points, and the 6080's will lift 4500 lbs. This 3-point hitch has lower link draft sensing and lower links extend to make implement hook-up easy.



FULLY-INDEPENDENT PTO

A fully-independent PTO is standard on all tractors. This allows you to stop ground travel while the PTO keeps turning. Or, to start and stop the PTO without affecting ground travel. The 6060's PTO operates at 540 rpm, with a dry-socket dual PTO of 540/1000 rpm in the 6080's. Easily change the 6080 PTO by removing three bolts and replacing the stub shaft. The dry-socket eliminates any oil loss.

ALL THIS POWER, AND YOU'RE IN CONTROL.

From the moment you step on-board one of these 6060 or 6080 tractors you know you're in command. The flat-deck operator platform is roomy and uncluttered. And the platform is mounted on four rubber-isolator mounts to reduce vibration. All controls are conveniently placed for easy reach. Hydrostatic power steering allows easy tractor control, on two or four-wheel drive models. And the deluxe seat easily adjusts to match your weight and size for a total comfort ride.

With just a glance at the instrument panel you'll know all vital tractor functions. And an optional four-post roll-over-protection system and canopy provides complete operator safety.



ALL DAY COMFORT. EASY MAINTENANCE.



FLAT-DECK PLATFORM

The operator platform is roomy and uncluttered, providing easy on-off tractor access. And the complete platform is mounted on four rubber-isolator mounts for reduced deck vibration, and a smooth ride.



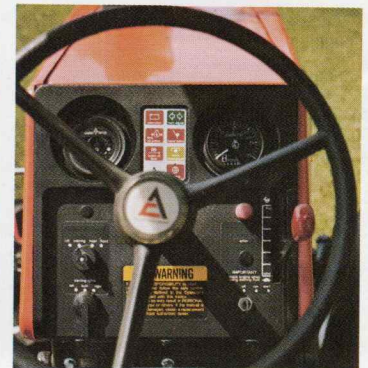
DELUXE SUSPENSION SEAT

This weight matching suspension seat provides total operator riding comfort. Seat adjusts up or down, forward or aft, to meet any operator need.



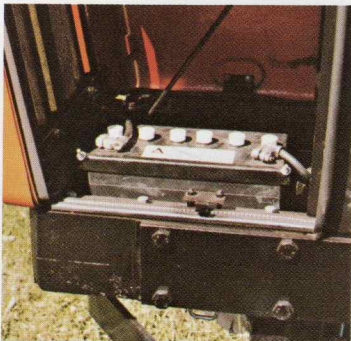
EASY-REACH CONTROLS

All controls are conveniently placed. Hydraulic, hitch, and PTO controls on the right. Positive-parking brake and four-wheel drive engagement to the left. Differential lock is positioned to easily be depressed by your right heel.



EASY-READ INSTRUMENTS

You'll know at a glance what's going on. There are indicator lights for the alternator, engine oil pressure, parking brake, brake fluid reservoir, PTO clutch, turn signals, and air filter. Plus tachometer, engine hourmeter, fuel and water temperature gauges.



POWERIZED ELECTRICAL SYSTEM

A 72-amp alternator comes standard in each tractor, along with a tough long-life battery. A second battery may be added as an option. An electric ether starting aid is also standard. Plenty of electrical power for excellent cold weather starts, or to operate planter monitors and other electrical components. Tractor starting is also simplified with a "one-key" electric fuel shut-off control.



EASY-CARE MAINTENANCE

The lightweight left front side sheet is easily removed to expose the entire engine, radiator, battery, and air cleaner for easy-care maintenance. The large high-capacity dry-type air cleaner can quickly be removed for cleaning. An optional pre-cleaner can be added for greater air filtering capacity. And there's a radiator overflow recovery system to save coolant and maintenance. The coolant is fed automatically back into the radiator when the tractor cools down. This sealed system helps assure a cool running engine.



FUEL CAPACITY AND ECONOMY

A large 32 gallon fuel tank and excellent fuel efficiency provide non-stop, full day working capacity.

NEW 6080 4WD & 2WD AND NEW 6060 4WD & 2WD

Four new powerhouse tractors from Allis-Chalmers. Built to take on all your farm tasks, with the power to make it easy. Offering proven engine performance, with high torque backup and excellent fuel economy. Tough power trains and heavy-duty pulling muscle. Add new versatility and profitability to your operation with a 6080 or 6060 4-wheel drive or 2-wheel drive model.

6080 & 6060 SPECIFICATIONS

	6080	6060
PTO HP	83 Est. (61.9 kw)	63 Est. (47.0 kw)
No. of Cylinders	4	4
Displacement, Cu. In.	200T1	200T
Rated Speed, RPM	2300	2300
Opposed Manifolds	Yes	Yes
Replaceable Wet Sleeves	Yes	Yes
Fuel Capacity, Gals.	32 (121 L)	32 (121 L)
Trans. Spds., Std. F/R	12/3	8/2
Synchromesh, Std.	Yes	Yes
Cerametallic Clutch	12-inch (305 mm) 6-button	11-inch (279 mm) 4-button
Diff. Lock	Std.	Std.
Final Drive	Planetary	Planetary
Brakes	Wet	Wet
Ind. PTO Type, Std.	540/1000	540
Mechanical 4-Wheel Drive	Opt.	Opt.
Draft Sensing Link	Lower	Lower
Lift Capacity, Lbs.	4500 (2041 kg)	3500 (1588 kg)
Extendable Lower Links	Yes	Yes
Hitch Float, In.	2 3/4 (70 mm)	2 3/4 (70 mm)
Remote Cap., GPM	11.4 (43.2 L)	11.4 (43.2 L)
Steering Type	Hydrostatic	Hydrostatic
Wheelbase, In.	96 (2438 mm)	93 (2362 mm)
Frt. Axle Adj., In.	60-100 (1524-2540 mm)	54-100 (1372-2540 mm)
Rear Axle Adj., In.	57-96 (1448-2438 mm)	57-96 (1448-2438 mm)
Front Axle Clearance	21.1" (537 mm)	20.4" (519 mm)
Shipping Weight	6100 lbs. (2767 kg) 2WD 7000 lbs. (3175 kg) 4WD	5700 lbs. (2585 kg) 2WD 6500 lbs. (2948 kg) 4WD

6080/6060 STANDARD EQUIPMENT

Turbocharged and Intercooled 4331 Diesel Engine with Piston Oil Cooling/6080
 Turbocharged 433T Diesel Engine with Piston Oil Cooling/6060
 Dry Type Air Cleaner
 72 amp Alternator with Integral Regulator
 Anti-Freeze
 Electric Ether Starting Aid
 Engine Actuated Hourmeter & Tachometer
 Removable Side Sheet
 32 Gal. (121 L) Fuel Tank
 Fuel and Water Temperature Gauges
 Key Actuated Fuel Shutoff
 Indicator Lights for Alternator, Engine Oil Pressure, Parking Brake, Brake Fluid Reservoir, Air Filter Indicator, Turn Signals and PTO clutch.
 12-Volt Electrical System
 Dual Beam Headlights, Rear Mounted Work Light & Taillight, Amber Warning Lights & Turn Signals
 12" (305 mm) Cerametallic Engine Clutch/6080
 Fully Synchronized 12 Forward 3 Reverse Transmission/6080
 11" (279 mm) Cerametallic Engine Clutch/6060
 Partially Synchronized 8 Forward 2 Reverse Transmission/6060
 Hydraulically Actuated Wet Disc Brakes
 Differential Lock

Planetary Final Drives
 Positive Gear Train Parking Brake
 Flanged Rear Axles
 Heavy Duty Adjustable Front Axle
 Power Adjust Rear Wheels
 7.50-16 (6-Ply) F2 Front Tires/6080 2WD
 18.4-34 (6-Ply) R1 Rear Tires/6080 2WD
 11.2-28 (4-Ply) R1 Front Tires/6080 4WD
 16.9-34 (6-Ply) R1 Rear Tires/6080 4WD
 11.2-24 (4-Ply) R1 Front Tires/6060 4WD
 18.4-28 (6-Ply) R1 Rear Tires/6060 4WD
 7.50-16 (6-Ply) F2 Front Tires/6060 2WD
 16.9-28 (6-Ply) R1 Rear Tires/6060 2WD
 Category II 3-Point Hitch with Lower Link Draft Sensing
 Extendable Lower Draft Links
 Open Center Hydraulic Control System with Traction Booster Draft Control, Position Control and One Remote Valve with Breakaway Coupler
 Independent 540/1000 rpm Power Take-Off/6080
 Independent 540 rpm Power Take-Off/6060
 Retractable Swinging Drawbar
 Isolated Flat Deck Platform
 Deluxe Seat with Luxury Suspension
 Hydrostatic Power Steering
 Crown Fenders
 Safety Start Switches
 SMV Emblem

TIRE OPTIONS

6080-2WD

FRONT TIRES—Includes Wheels.

7.50-16 (6-Ply) F2
 7.50-20 (6-Ply) F2
 9.5L-15 (6-Ply) F2
 10.00-16 (6-Ply) F2

REAR TIRES—Includes Power Adjust Wheels.

18.4-28 (6-Ply) R-1
 16.9-34 (6-Ply) R-1
 18.4-34 (6-Ply) R-1
 15.5-38 (6-Ply) R-1
 15.5-38 (6-Ply) R-2 Rice
 13.6-38 (6-Ply) R-1

6060-2WD

FRONT TIRES—Includes Wheels

For 54"-83" (1372-2108 mm) Tread Axle:
 6.50-16 (6-Ply) F2
 7.50-16 (6-Ply) F2
 9.5L-15 (6-Ply) F2

For 66"-100" (1676-2540 mm) Tread Axle:
 7.50-16 (6-Ply) F2
 9.5L-15 (6-Ply) F2

REAR TIRES—Includes Power Adjust Wheels.

16.9-28 (6-Ply) R-1
 18.4-28 (6-Ply) R-1
 15.5-38 (6-Ply) R-1
 13.6-38 (6-Ply) R-1

6080-4WD

FRONT TIRES—Includes Wheels.

11.2-28 (4-Ply) R-1
 12.4-28 (4-Ply) R-1

REAR TIRES—Includes Power Adjust Wheels.

16.9-34 (6-Ply) R-1 (Use with 11.2-28 Front)
 18.4-34 (6-Ply) R-1 (Use with 12.4-28 Front)
 13.6-38 (6-Ply) R-1 (Use with 11.2-28 Front)

6060-4WD

FRONT TIRES—Includes Wheels.

11.2-24 (4-Ply) R-1
 11.2-28 (4-Ply) R-1

REAR TIRES—Includes Power Adjust Wheels.

18.4-28 (6-Ply) R-1 (Use with 11.2-24 Front)
 15.5-38 (6-Ply) R-1 (Use with 11.2-28 Front)
 13.6-38 (6-Ply) R-1 (Use with 11.2-28 Front)

WHEEL TREADS:

	6060		6080	
	Front	Rear	Front	Rear
Standard	54"-83" (1371-2108 mm)	57"-89" (1448-2261 mm)	60"-88" (1524-2235 mm)	57"-93" (1448-2362 mm)
FWA	59"-76" (1499-1930 mm)	57"-89" (1448-2261 mm)	67"-84" (1702-2134 mm)	57"-93" (1448-2362 mm)
Optional Wide Axles	66"-100" (1676-2540 mm)	64"-96" (1626-2438 mm)	68"-100" (1727-2540 mm)	72"-96" (1829-2438 mm)



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**Better
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ALLIS-CHALMERS
 AGRICULTURAL EQUIPMENT

Milwaukee, Wisconsin 53201

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