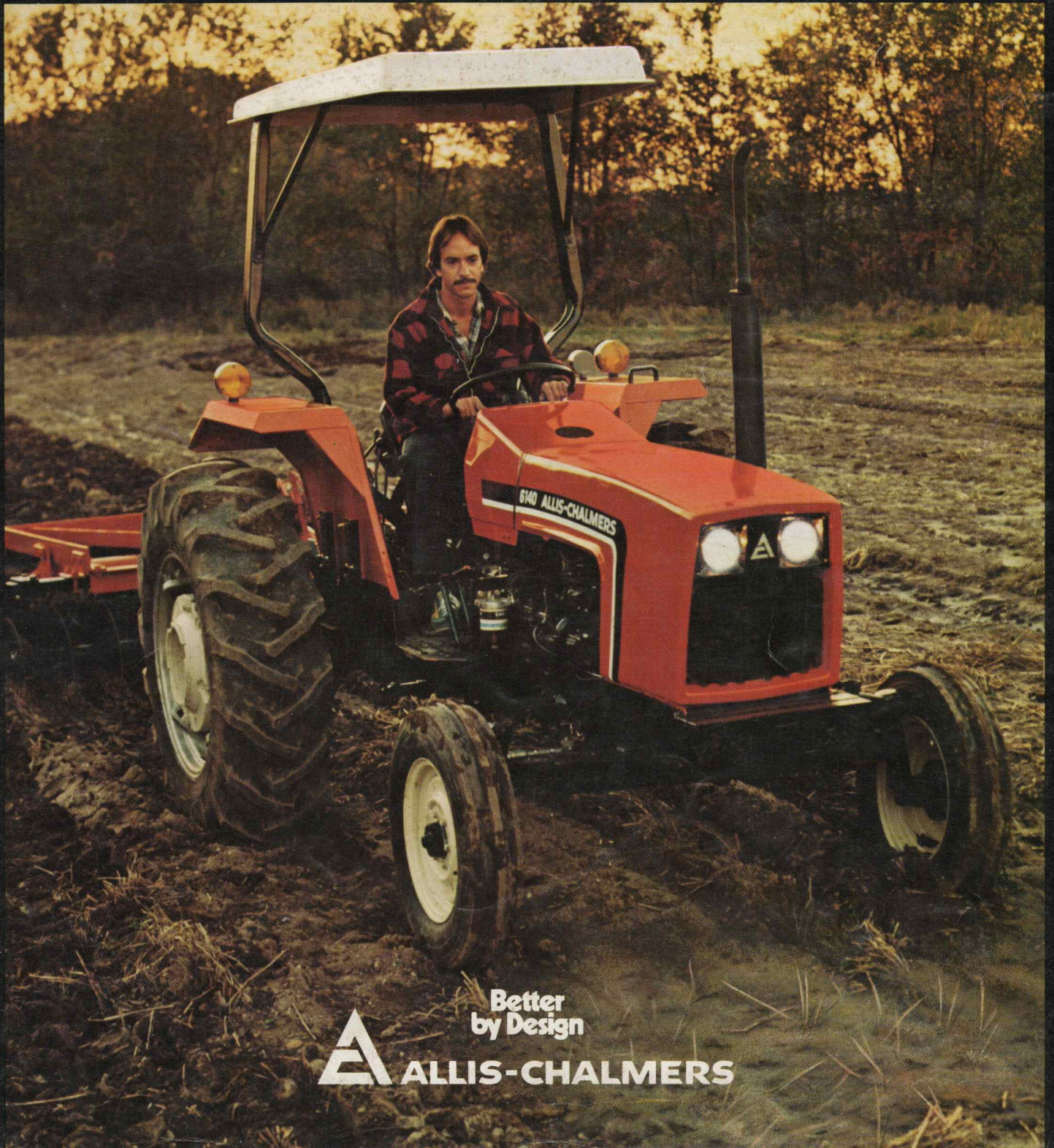


6140 2WD & FWD

A new power in utility tractors.



Better
by Design

ALLIS-CHALMERS

40 PTO HP* from an economical 3-cylinder, 142 cu. in. diesel engine.

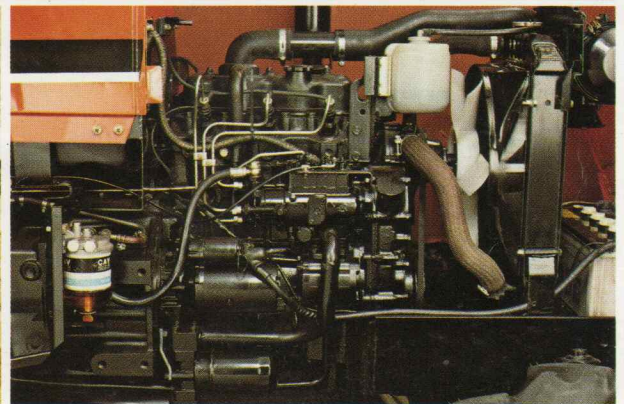
Don't be fooled by its compact size; the new 6140 has all the power and torque back-up you need. The husky 3-cylinder diesel is rated at 2500 RPM. And to assure efficient performance and years of rugged dependability, the 6140 has overhead valves and a hardened, dynamically

balanced crankshaft with four main bearings.

This full-power performance is transmitted through an 11-inch dry-clutch for long-life performance.

A standard preheater provides quick starting in cold weather and helps to reduce battery drain.

Plenty of torque back-up for extra power. Optimized intake and exhaust valves help prolong peak power on each stroke resulting in high torque back-up. Extra power for when the going gets tough.



Ten forward speeds you can shift-on-the-roll.

The 6140 matches power with an efficient smooth shifting power train. There are ten forward speeds from the 5-speed main gear box and the two-speed range selector. The main gear box is synchronized in all gears including reverse so you can shift-on-the-roll. And the ten forward

speeds are well spaced to match a variety of needs from .8 to 17.0 mph.

An independent 540 RPM PTO comes standard. An 11-inch PTO clutch is controlled by a convenient lever to the left of the seat. Plus, mechanical differential lock comes standard. It disengages automatically

when the operator lifts his foot off the pedal. Final drives are the inboard planetary type. They're compact and provide long life by dividing torque between three gear meshes.

2-year warranty. Like all Allis-Chalmers tractors, the 6140's power train is warranted for two full years.



Category I, 3-point hitch is standard.

Lift capacity is a full 3190 lbs. at 24 inches back of the lift points. The 3-point hitch is also equipped with sway chains to limit implement side travel. And the adjustable right lift link lets you cross level-mounted implements with a spin of the crank. A retractable drawbar for pull-type implements is also standard.

The 6140 hydraulic systems provide 13.2 gpm total flow for responsive implement control. Position control stop returns mounted implements to preset depths. There is also an upper link sensing system. It uses a heavy coil spring to measure draft loads and to provide precise control of the weight transfer system. The draft control lever is right next to the lift lever.

One or two remote valves with breakaway couplers are available. With two valves, the system is complete for fast, efficient loader operation.



6140 extras. Better by design.

The attractive instrument panel provides vital engine information at a glance. The vinyl covered seat can be moved fore and aft and it adjusts to the operator's weight for an easy ride. A separate 3.2 gpm pump powers the integral power steering for excellent handling ease.

The 6140 is equipped with effective, long-life wet disc brakes for quick, safe stops. Pedals may be individually controlled or locked

together. There's a handy latch provided that locks the brakes for secure parking.

For night work, two single-beam headlights in the front and one at the rear provide plenty of work light for field or on the road. There are two flashing warning lights, a taillight, two reflectors and an SMV emblem to let other drivers know you're there.

The versatility of adjustable axles. Flanged rear axles mount either power-adjusted or non-power-adjusted pressed steel wheels. Standard rear wheel equipment is 13.6 x 28 tires on non-power-adjusted rims. Power-adjusted rims with 14.9 x 28 tires are optional.

Rear wheel tread may be adjusted from 54 to 84 inches with power-adjusted rims, 54 to 81 inches with non-power rims. Total rear axle clearance is 20-inches.

The ruggedly built front axle has plenty of strength for use with a loader. Turning radius, with brakes, is under 114," ideal when maneuvering in crowded quarters. The front axle is adjustable from 50 to 76 inches. With standard 6 x 16 front tires, the 6140 provides 19.7 inches of crop clearance (7.50 x 16 tires are optional for added capacity and clearance).

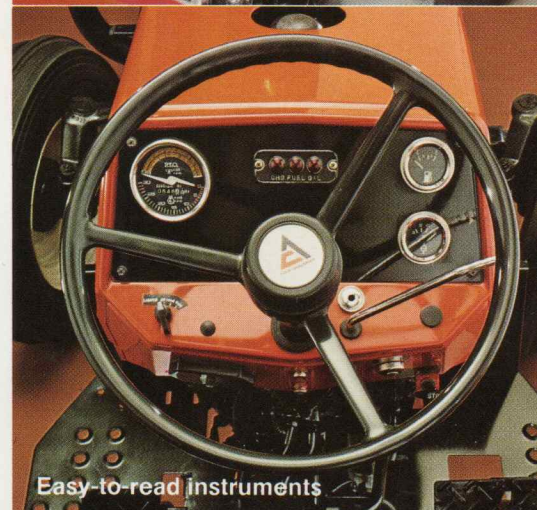
Easy servicing. Easy servicing of the 6140 is a big extra. The hood flips forward for easy access to the engine, air cleaner, and battery.

The dry type air cleaner and built in pre-cleaner assure clean intake air. And the 12-volt battery has plenty of electrical capacity for quick starts and any electrical components. A coolant recovery tank is translucent so you can check radiator level at a glance.

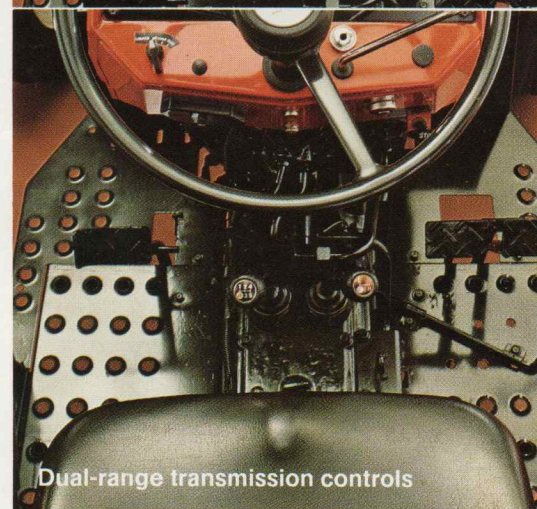
Added extras. A 13.2-gallon fuel tank for a full day's working capacity. Optional front end and rear wheel weights offer added stability. And optional protective frame with canopy provides rollover protection.



Hydraulic position controls



Easy-to-read instruments



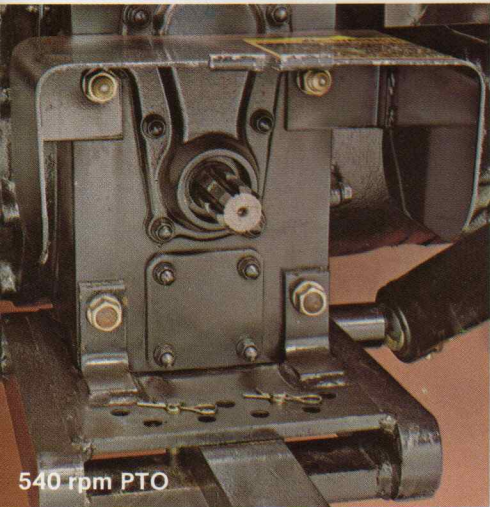
Dual-range transmission controls

Front-wheel-drive pulls you through the toughest field conditions.

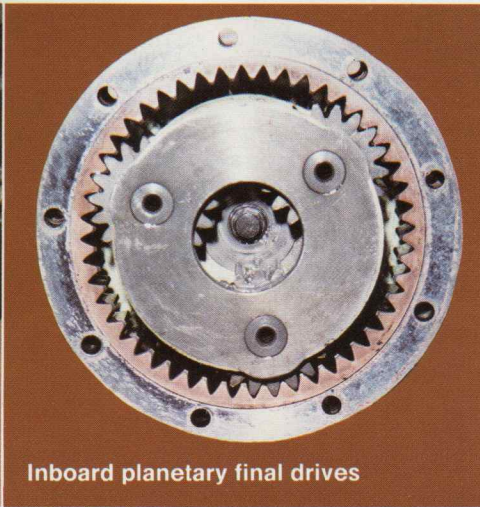
The Model 6140 is available with a mechanically driven front axle. With FWD, the entire weight of the tractor goes for traction, so there's less soil compaction and better control in adverse field conditions. And with the front wheels pulling their own share, instead of consuming horsepower, you can expect to do up to 20% more field work on the same amount of fuel.

The 6140's mechanical system constantly matches the speed of the front wheels to the rear wheels. This full time capability drive minimizes horsepower loss and maintenance requirements.

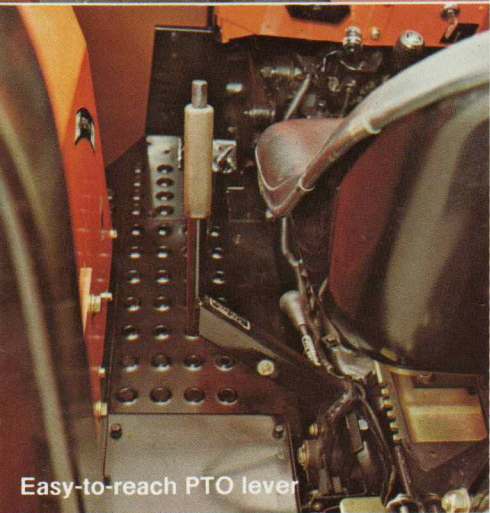
The front wheel treads can be set at either 52 or 60 inches with the power-adjust front wheels. The front differential is located on the center line so the driveline cannot interfere with crops. The drive from the front differential to the wheels is fully shielded. Enclosed constant velocity universal joints permit short turning and smooth transfer of power to the wheels.



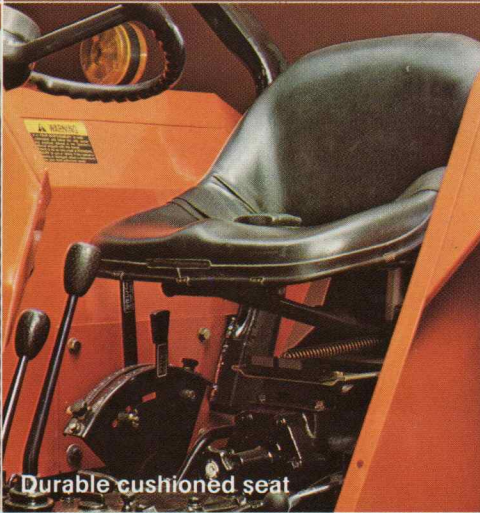
540 rpm PTO



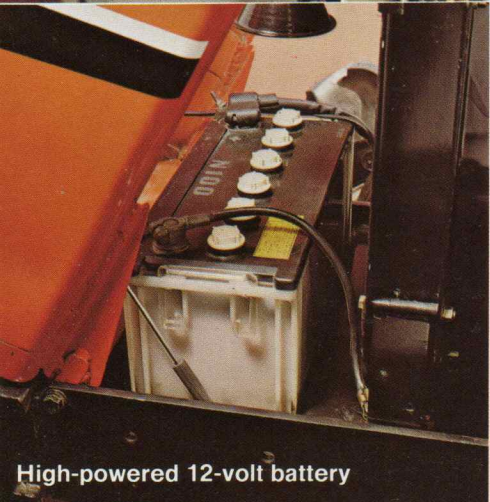
Inboard planetary final drives



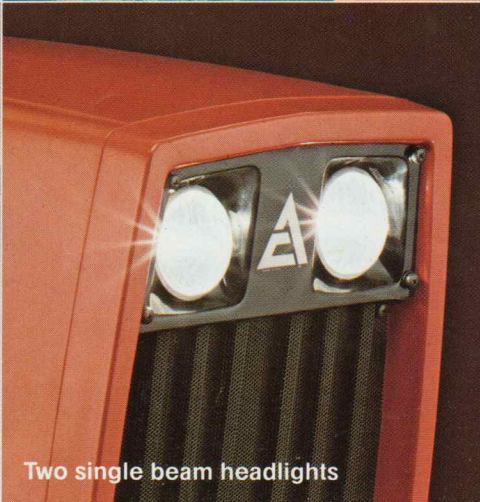
Easy-to-reach PTO lever



Durable cushioned seat



High-powered 12-volt battery



Two single beam headlights



6140 TRACTOR SPECIFICATIONS

PTO HP.....	40 Est. (29.8 kw)
Displacement—cu. in.....	142.2 (2.33 L)
Rated speed—RPM.....	2500
Number of cylinders.....	3
Bore.....	98 mm
Stroke.....	103 mm
Compression ratio.....	23:1
Air cleaner.....	Dry type—6" (152 mm)
Clutch type.....	Dual-dry
Clutch diameter—in.....	11 (279 mm)
Transmission speeds std.....	10F—2R
Transmission type.....	Fully synchronized
PTO type.....	Independent—540
Differential lock.....	Mechanical
Brakes.....	Wet disc—mechanically actuated
Final drives.....	Planetary—inboard
Axle type.....	Flanged
Hydraulic system type.....	Open center
Remote flow—GPM.....	10
Pump type.....	Gear
Draft sensing.....	Upper link
Implement control.....	Position and draft
3-point hitch category.....	I
Number of remote valves.....	1 or 2
Lift capacity—lbs.....	3190 (1450 kg)
Power steering.....	Integral
12-volt electrical system	
Fuel tank capacity—gal.....	13.2 (50 L)
Front tires.....	6.00-16 4PL F2 7.50-16 4PL F2 8.00-18 4PL R1
Rear tires.....	13.6-28 N.P.A. 14.9-28 P.A.
Wheel tread—front—in.....	6.00-16 49.8 (1265 mm) 76.3 (1937 mm) 7.50-16 51.4 (1305 mm) 74.7 (1897 mm) 8.00-18 51.5 (1308 mm) 60.0 (1524 mm)
Wheel tread—rear—in. NPA.....	53.7 (1365 mm)—81.4 (2067 mm)
Wheel tread—rear—in. PA.....	54.0 (1372 mm)—84.0 (2134 mm)
Wheelbase—in.....	76.18 (1935 mm)
Turning radius w/brake—in.....	114 (2896 mm)
Approx. ship. weight—lbs.....	4000 (1818 kg) for 2 wheel drive 4400 (2000 kg) for FWD

Height—front of hood—in.....	50.5 (1283 mm)
Height—at muffler—in.....	88.0 (2235 mm)
Height—at steering wheel—in.....	62.7 (1593 mm)
Overall length—in.....	131.5 (3340 mm)
Overall width—in.....	68.2 (1732 mm)

STANDARD EQUIPMENT

Engine—142.2 CID diesel (2330 cm³)
 Dry-type air cleaner with indicator
 Glow plug starting aid
 12-Volt electrical system
 Vertical muffler
 Safety starting switches
 Hand and foot accelerator
 Instruments—Fuel gauge, Tachometer and hour meter
 Warning lights for alternator, oil pressure and fuel level
 Dual clutch
 10 forward—2 reverse speeds fully synchronized
 Independent 540 PTO
 Differential lock
 Category I 3 pt. hitch
 3-point hitch sway chains
 Retractable drawbar
 Integral power steering
 Hydraulic draft and position control
 Adjustable front axle
 Tilt hood for servicing components
 Two single beam headlights
 Two flashing warning lights
 One rear work light
 One tail light
 Two reflectors
 SMV emblem
 Adjustable seat

OPTIONAL EQUIPMENT

Mechanical front-wheel drive**
 6.00-16 F2 front tires and 13.6-28 R1 N.P.A. rear tires
 7.50-16 F2 front tires and 14.9-28 R1 P.A. rear tires
 ROPS frame with seat belt
 Canopy
 Low clearance muffler
 1 or 2 remote valves
 Front end weights
 Rear wheel weights
 Engine coolant heater
 Remote electrical socket
 **See your dealer for availability.

Traction Booster is an Allis-Chalmers trademark.

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



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