

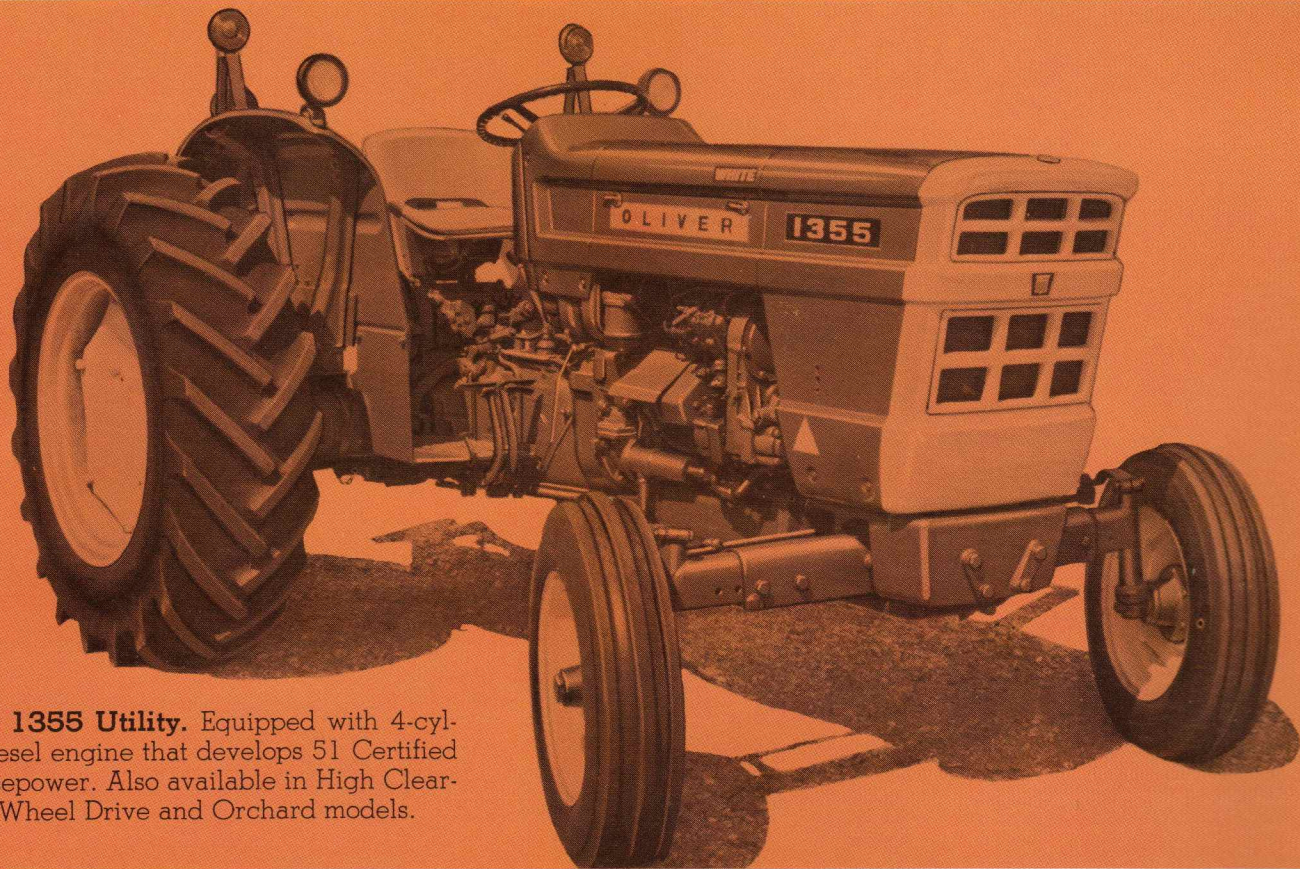
WHITE OLIVER TRACTORS

1255/1355

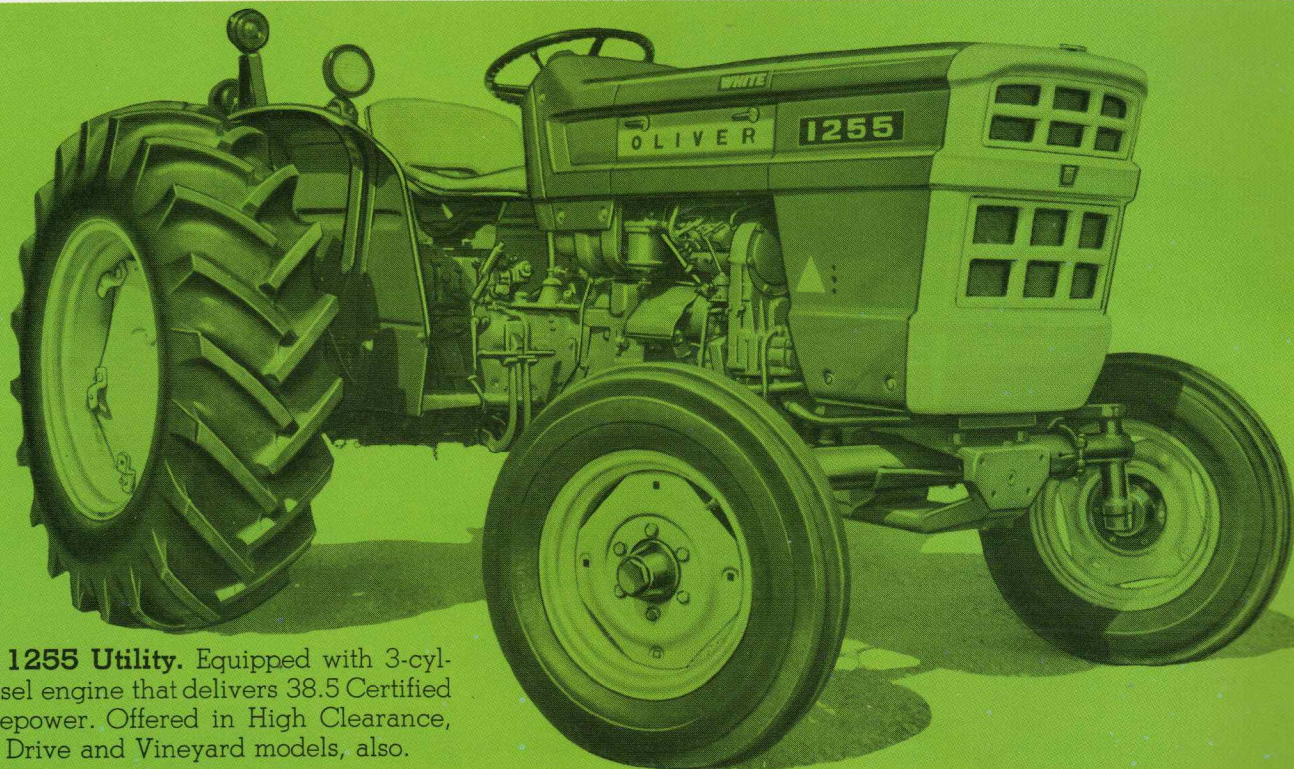
Utility, High Clearance, 4-Wheel Drive, Special models



FOUR-SEASON POWER



Rugged 1355 Utility. Equipped with 4-cylinder diesel engine that develops 51 Certified pto Horsepower. Also available in High Clearance, 4-Wheel Drive and Orchard models.



Snappy 1255 Utility. Equipped with 3-cylinder diesel engine that delivers 38.5 Certified pto Horsepower. Offered in High Clearance, 4-Wheel Drive and Vineyard models, also.

JUST RIGHT FOR YOU

Stout Utility tractors that pay out anywhere

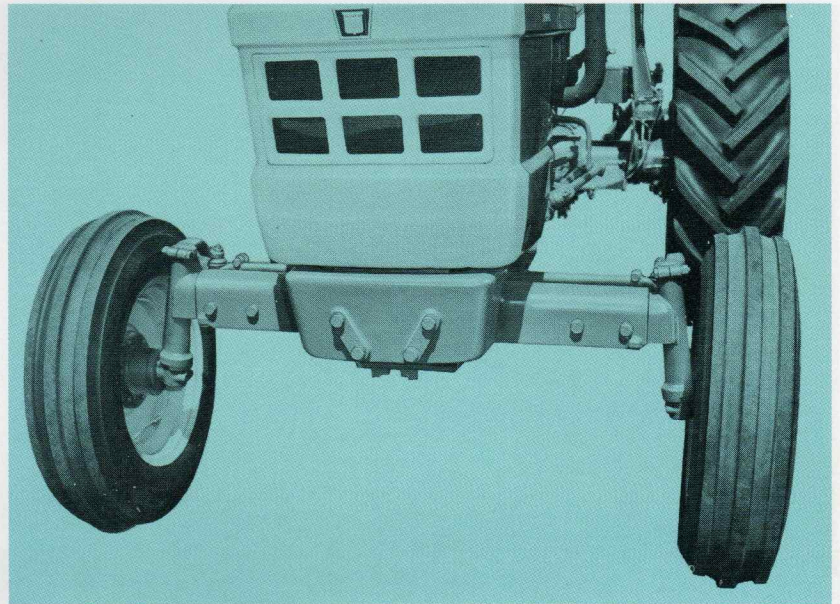
Built for full-time duty. No matter where you farm, how big your acreage or what you grow—one of these squat, tough, frisky tractors will fit into your operations perfectly. They're powered right to do most anything, sized right to go anywhere. A stout-hearted diesel engine hangs on when the going gets heavy. And, a wide range of forward speeds—6 in the 1255 and 8 in the 1355 (and still more with creeper gears)—provides a pace for any task or practice.

A differential lock helps take you through slippery spots without spinning out. There's a versatile hydraulic system you can "set and forget", a power take-off with a choice of 540 rpm, ground speed or engine speed. In addition, there are conveniences galore: foot accelerator, hand parking brake, Thermostarter and power steering*. All are yours in the all-purpose 1255 and 1355, the big bargains in the utility class. See these power-packed huskies, compare them point by point with all the others.

**Standard on High Clearance and 4-Wheel Drive models, optional on others.*

From plowing to choring. Complete adaptability makes the 1255 or 1355 an ideal unit for any farm. They're practical field and farmstead workers with an overall length of about 10 feet—and a short turning radius. You can cut sharply, maneuver in close quarters easily. And, they hug the ground, make operation on hillsides safer.

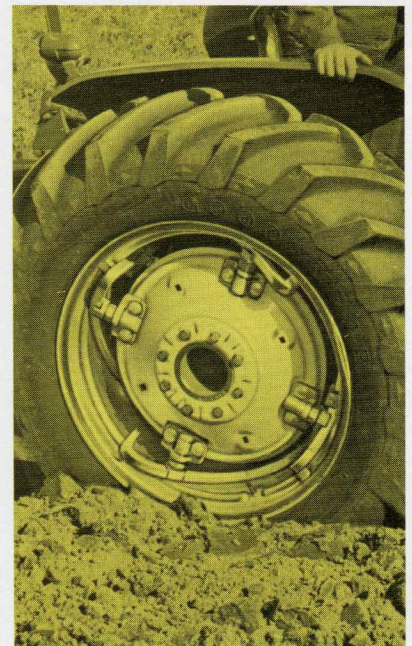
Here are tractors that can handle dozens of jobs, odd and ordinary. They're nimble chore-boys that zip through barnyard duties at low upkeep cost. Compactness and a low, clean-line profile—plus a downswept exhaust system—enable you to dart in and out of small sheds without interference. Vertical exhaust system is standard on the 1255 Vineyard and High Clearance models, optional on others.



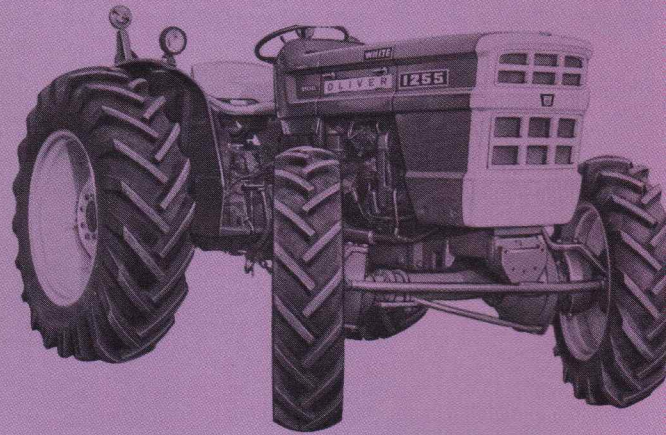
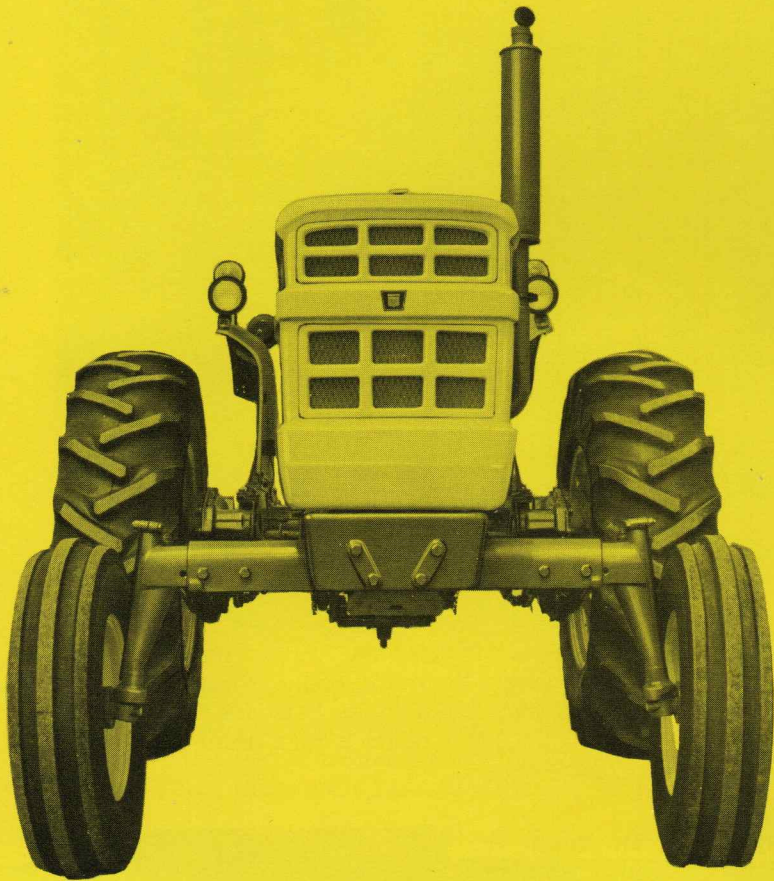
Rugged, inverted "U" axle. This heavy, adjustable front axle on the 1355 provides extra strength to withstand the strain of heavy material in big loader buckets, and where the going gets rough. Axle adjustment and wheel equipment gives you a choice of treads ranging from 52 to 79 $\frac{1}{8}$ inches. Also, the 1355 offers a rear tread adjustment ranging from 55 $\frac{1}{8}$ to 78 $\frac{3}{4}$ inches.

Wide adjustment in tread. A choice of six different front axle adjustments and wheel equipment on the 1255 permits you to match almost any row width or implement function. The adjustment range is 50 $\frac{3}{8}$ to 78 inches. Also, the 1255 offers eight choices of rear wheel tread, from 47 $\frac{1}{4}$ to 74 $\frac{3}{4}$ inches.

Optional Powerjuster rear wheels for the 1255 and 1355 make tread width changes still easier. Simply let engine power do the work, spin the wheels to any desired spread. Treads from 52 $\frac{1}{4}$ to 80 inches on the 1255, and from 54 $\frac{7}{8}$ to 88 inches on the 1355, are provided. Rims and tires in several sizes are offered for the various models. Turf tires are also available.



A 1255 OR 1355 FOR



ANY FARM PRACTICE

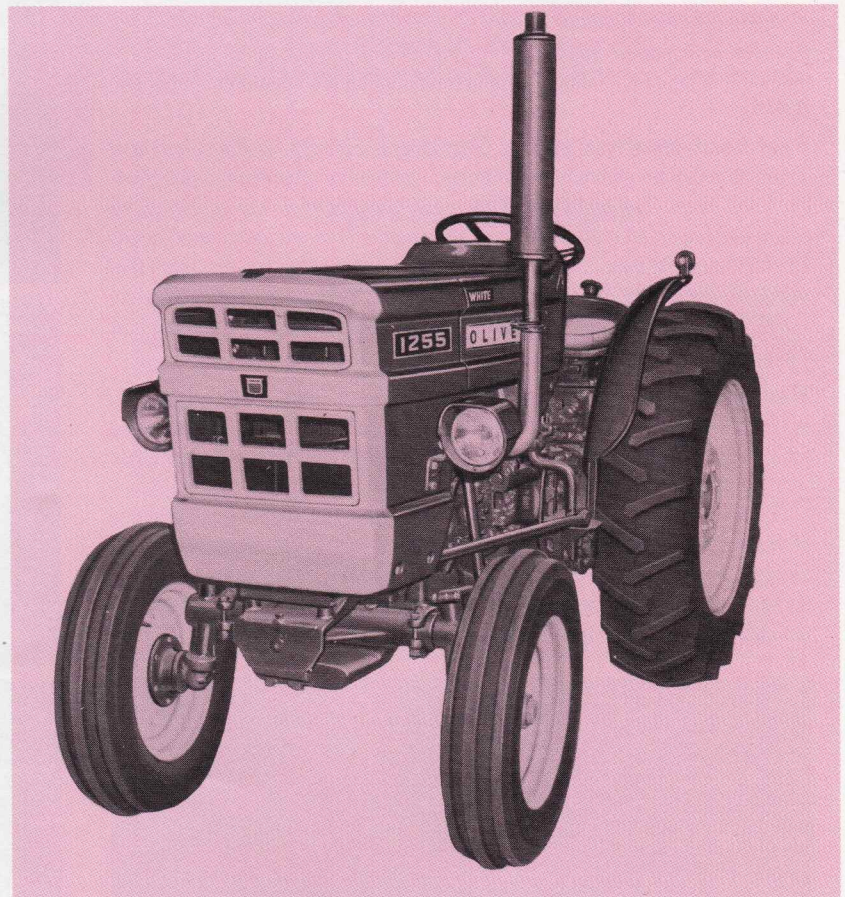
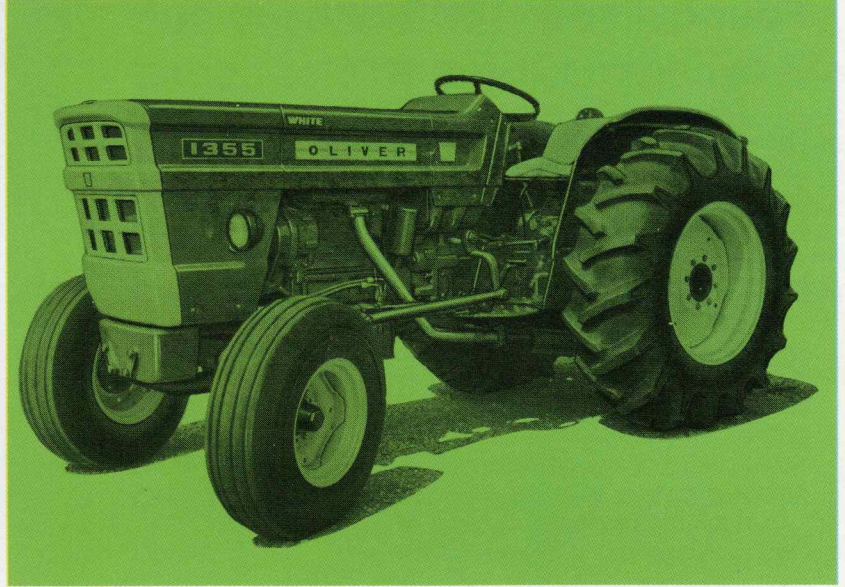
Choose the version that fits your purposes best

High Clearance models. The 1255 and 1355 is offered in a type with greater underframe clearance for the care of tall-growing crops. Ground clearance is 25 inches, or more, depending on tire size. And, the high-position drawbar and 3-point hitch enable you to carry tool bars or pull implements that provide extra crop clearance. Tread adjustments are comparable to those provided by Utility models.

Four-Wheel Drive types. Uncommon in its power class, a 4-Wheel Drive 1255 or 1355 gives you effective weight distribution on all four driving wheels, reduces slippage and compaction while increasing traction. Also, here's ideal power for adverse field conditions, soggy feedlots and rough woodlands. Fixed front tread is 56 $\frac{1}{4}$ or 65 inches on the 1255, and 57 $\frac{1}{4}$ or 66 inches on the 1355, depending on tire size. Rear tread adjustments are comparable to those on Utility models. Handy lever to engage front wheel drive. Driveshaft is equipped with a torque limiter.

The rugged Orchard 1355. A special model that scoots through narrow lanes and gets around low-scaffold areas with ease. Minimum width is a mere 59 $\frac{1}{4}$ inches, and height to the top of the steering wheel is only 57 $\frac{1}{4}$. Overall length is 122 $\frac{3}{4}$ inches, and crop clearance is 18 inches. Rear tread choice is 44 $\frac{3}{8}$ or 56 $\frac{1}{8}$ inches, and the front tread adjustment range is 43 $\frac{3}{8}$ to 60 $\frac{3}{4}$ inches. High flotation tires (9.50x 14) for the front wheels are available. Headlamps are out front.

A compact Vineyard 1255. The Vineyard 1255 has a minimum overall width of 45 inches, a front tread of 34 $\frac{3}{4}$ to 46 $\frac{3}{8}$ inches, and a rear tread of 32 $\frac{1}{2}$ to 52 $\frac{1}{4}$ inches. Headlamps are out front, and the tractor is equipped with a standard 3-point hitch and live pto.



BRISK DIESEL POWER

Four-cylinder 1355 and 3-cylinder 1255 engine

Direct injection system. A penny-pinching, direct-injection diesel—3-cylinder in the 1255 and 4-cylinder in the 1355—puts you money ahead year after year. A compression ratio of 15 to 1 squeezes extra power from every drop of fuel. And, a long piston stroke—plus big piston displacement—produces high-torque power.

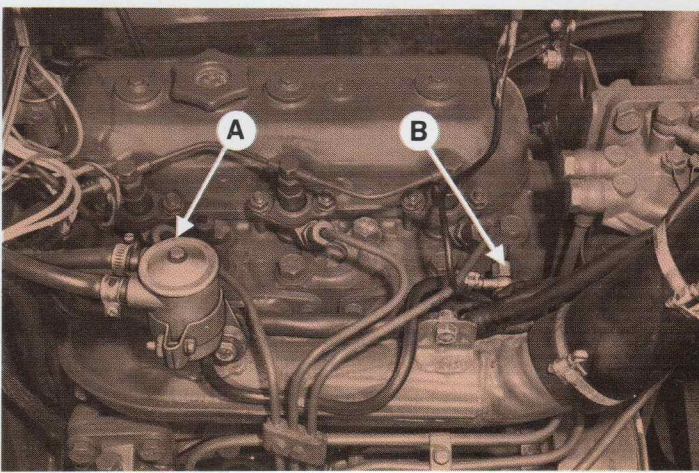
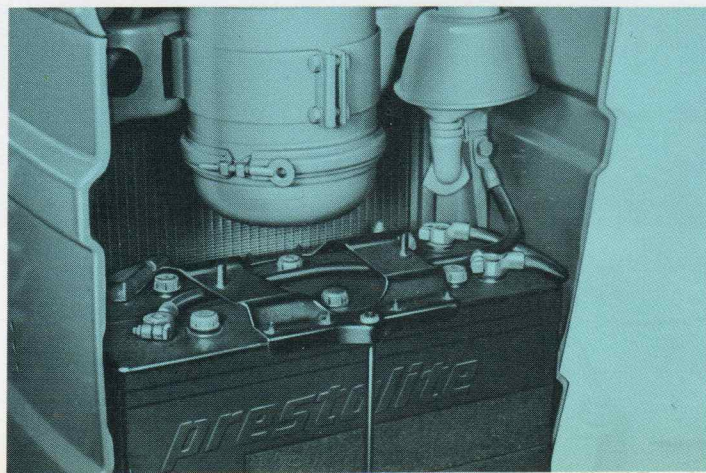
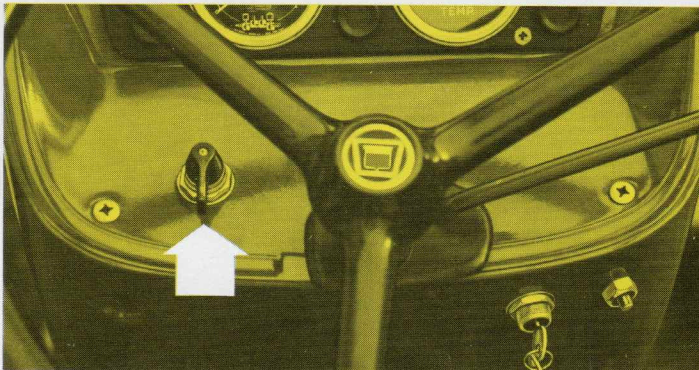
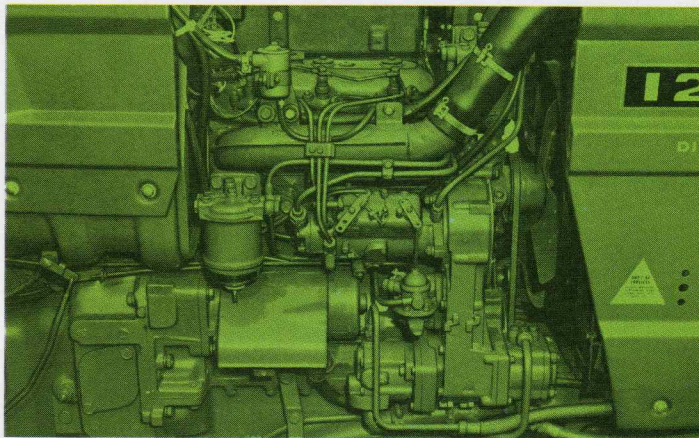
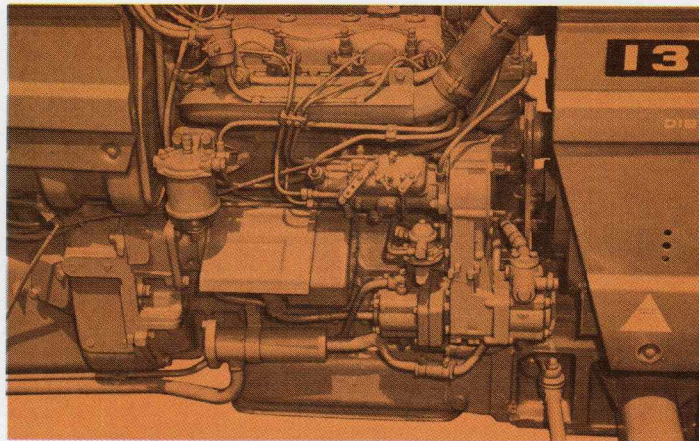
Both engines are equipped with an induction-hardened crankshaft supported by sturdy main bearings (4 in the 1255 and 5 in the 1355), replaceable cylinder sleeves, distributor-type fuel injection pump, pressurized cooling system, 12-volt electrical system, 4-horsepower starter and a shielded, 42-ampere alternator that puts out a high voltage at low engine speed.

A dynamic balancer in the 1355 engine—consisting of two precisely-balanced weights running in opposite directions at twice the engine speed—virtually eliminates the vibrations common to most 4-cylinder, in-line engines. This makes the 1355 purr with the smoothness of a "six". A hinged hood provides quick access to the engine compartment.

Fast cold-weather starts. Turning a handy, spring-loaded Thermostarter switch clockwise sprays a measured amount of fuel into the intake. The fuel is ignited by a heating element(B). This warms the air that's drawn into the combustion chamber, provides quick, sure starts during the winter months. Fuel reservoir (A) refills automatically. And, the transmission must be in neutral before the engine can be started.

Access is quick and easy. A large oil-bath air cleaner, equipped with a centrifugal pre-cleaner and automatic unloader, is located just ahead of the radiator where dust concentration is low.

The two heavy-duty, 6-volt batteries are also carried up front where they're protected from excessive engine heat. Batteries and cleaner are easy to reach. Turning a button at the top allows the grille to tilt forward to a position which enables you to simply lift it out.



IDEAL WORK SPEEDS



Full choice of forward paces to fit every job

Creep gears available. Look at the speed range—from a mere crawl of 4/10 mph with optional creep gears—up to 15 miles per hour. What's more, the speeds are spaced perfectly to match the tractor to the load or job—from heavy-draft work to a lively pace for road travel. You get eight forward speeds with a standard 1355 dual-range transmission, and 12 forward with creep gears. A 1255 offers a choice of six forward speeds, selected with a single gearshift lever, and nine forward speeds with creep gears. And, the smooth, synchromesh transmission enables you to shift gears on the go—between second and third, and between fifth and sixth with a 1255—or between third and fourth, and between seventh and eighth with a 1355. Here's a great convenience when you're starting a heavy load, or traveling uphill with a big rolling load. No gear clashing, no jerks or jolts.

Precision-cut transmission and differential gears are enclosed in sturdy, machined housings that provide rigid support for shafts and bearings.



Certified pto Horsepower. Look for this horsepower certification emblem—found only on Oliver tractors. Here's assurance that you'll get all the punch and productivity you pay for, that your new 1255 or 1355 will deliver its rated horsepower—often more, but never less. Here's more than a promise of power—here's proof of power. Take the guesswork out of tractor buying—buy an Oliver and be sure.

TRAVEL SPEEDS

Gear	1255 with 14.9-28 tires		1355 with 14.9-30 tires	
	@ 1970 engine rpm	@ 2400 engine rpm	@ 1970 engine rpm	@ 2400 engine rpm
First	1.2	1.6	1.1	1.5
Second	2.2	2.7	1.8	2.2
Third	3.6	4.4	2.7	3.2
Fourth	4.5	5.5	3.4	4.1
Fifth	8.2	9.9	4.3	5.2
Sixth	12.9	15.7	6.4	7.8
Seventh			9.5	11.5
Eight			12.2	15.0
Low reverse	3.0	3.6	1.7	2.1
High reverse	10.7	13.0	6.0	7.5

Creep Gears

First	.4	.5	.4	.4
Second	.8	.9	.6	.7
Third	1.2	1.4	.8	1.0
Fourth			1.0	1.4
Reverse	1.0	1.2	.6	.6

POWER TAKES OVER

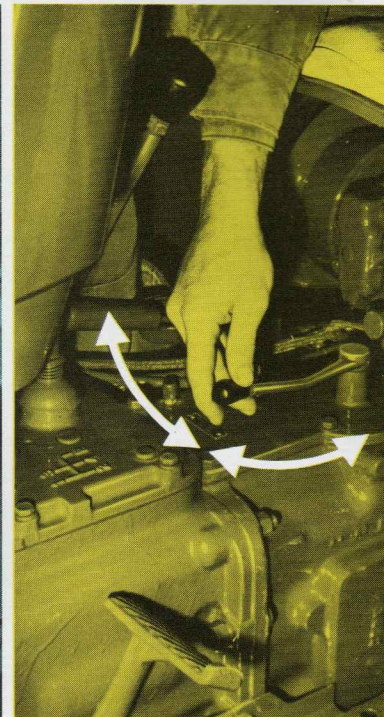
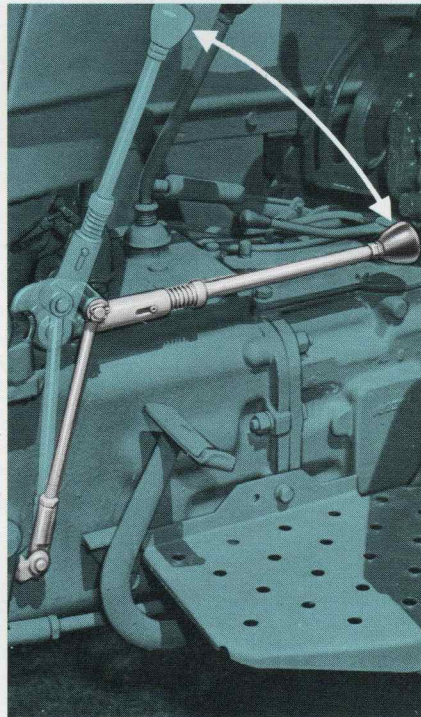
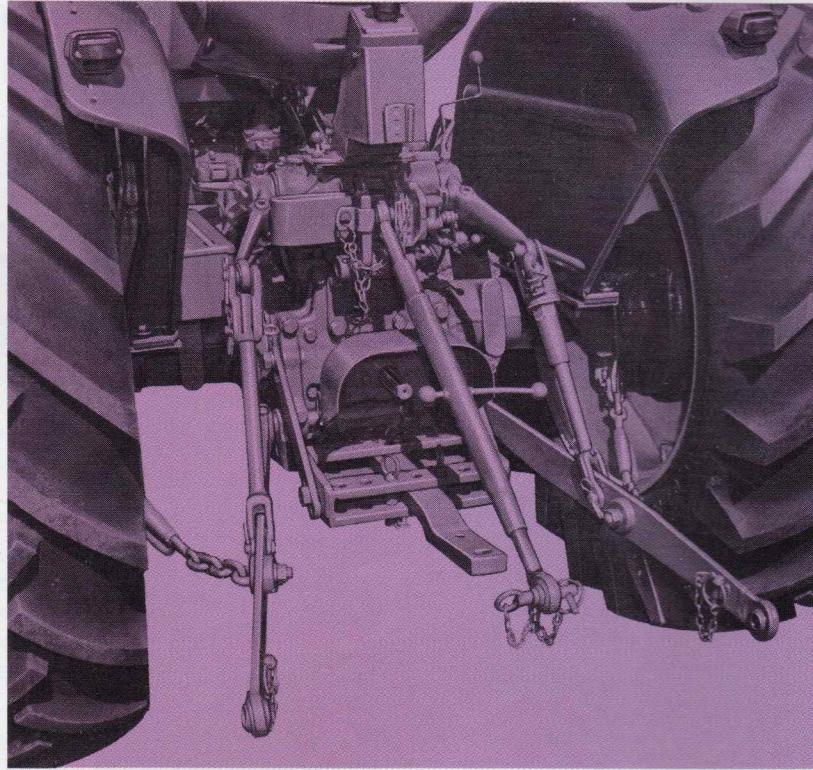
A hydraulic system you simply "set and forget"

Convenience at its best. Power is applied in a number of ways to save time on every turn, to make every job easier for you. A 3-point hitch system provides live lift action—plus sensitive draft control, float control, position control. The double-acting upper link responds to load changes and variations in contour, transfers weight to the rear tractor wheels automatically. As the link is actuated by greater draft the system goes into action instantly and lifts the implement slightly to adjust the load, increase traction and maintain forward speed. Hydraulic pump is driven by the engine timing gears, delivers 5.76 gpm.

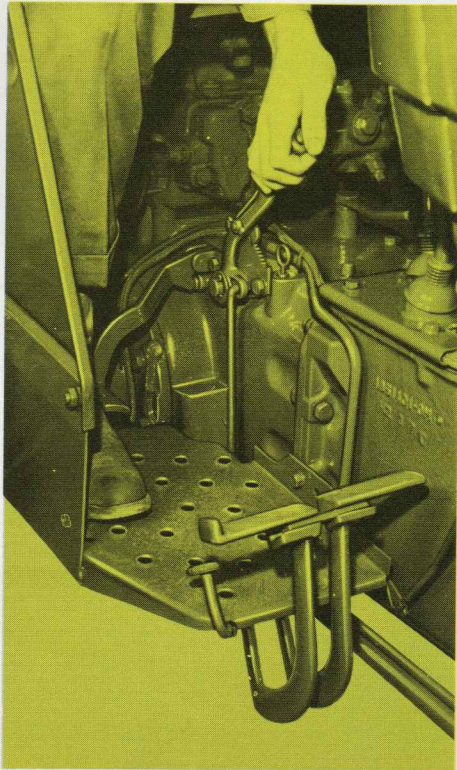
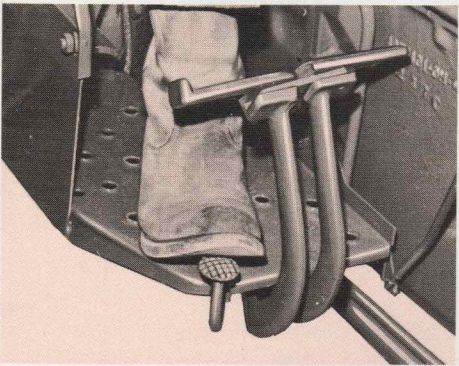
The single-lever hitch control is right at your fingertips. Set an adjustable stop and the implement will be returned to the same depth each time. Then, for constant-depth work, just switch to position control with a selector lever. Draft response is also controlled with a handy lever, enabling you to increase or reduce sensitivity. "Float" position can be employed with free-rolling or semi-mounted implements. Hitch is adjustable to Category I and II implements. Single remote circuit for single-acting or double-acting cylinders is optional equipment. Large hydraulic reservoir eliminates the need for an auxiliary tank.

Three-speed power take-off. A pto providing a choice of 540 rpm or ground-speed—plus an engine-speed outlet for operating a belt pulley, hydraulic pump or any other high-speed accessory—is standard equipment on the 1255 and 1355. The ground-speed pto operates in a fixed ratio to tractor wheel revolutions, turns counter-clockwise when the tractor is operated in reverse gear (useful to unplug machines that can be run backward).

The 1355 is equipped with an independently-controlled pto, enabling you to engage and disengage any power-driven machine at will. A second lever permits you to switch from 540 rpm to ground-speed, or to neutral. The "live" pto system on the 1255 is also equipped with a similar control lever, plus a two-stage engine clutch which allows you to stop forward motion but keep the pto in operation.



YOU TAKE IT EASY



Here's why handling an Oliver is so pleasant

Gets you out of trouble. It's easy to stop one-wheel slip with this differential lock. Simply press a handy foot pedal with your heel. Then the rear wheels are locked together, pull together to get you out of soggy spots in the barnyard or over slippery stretches in the field. Pedal release permits lock to disconnect.

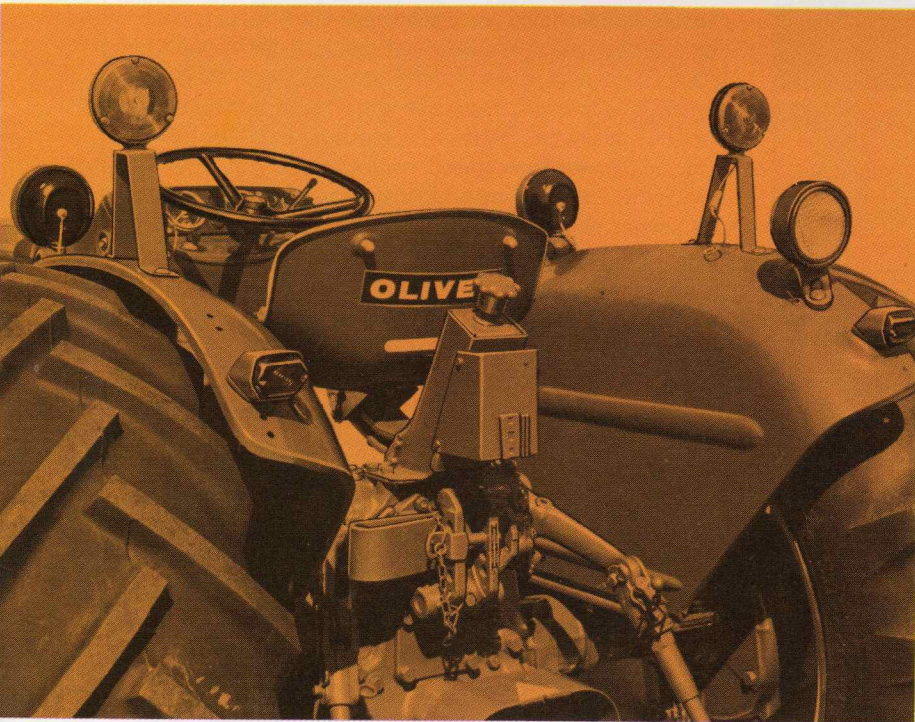
Makes shuttle work easy. In addition to a hand throttle, both tractors are equipped with a foot accelerator. You'll like this standard-equipment extra that makes shuttle work easier, that frees your hands for steering and manipulating other controls.

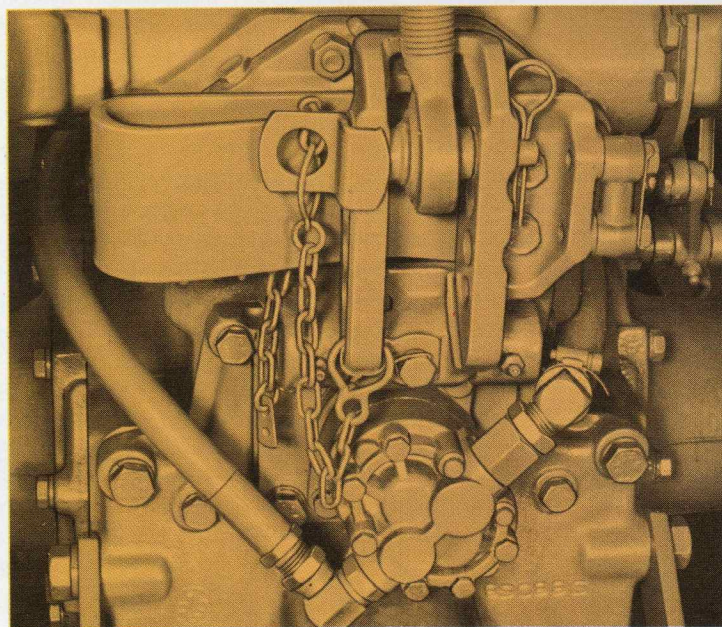
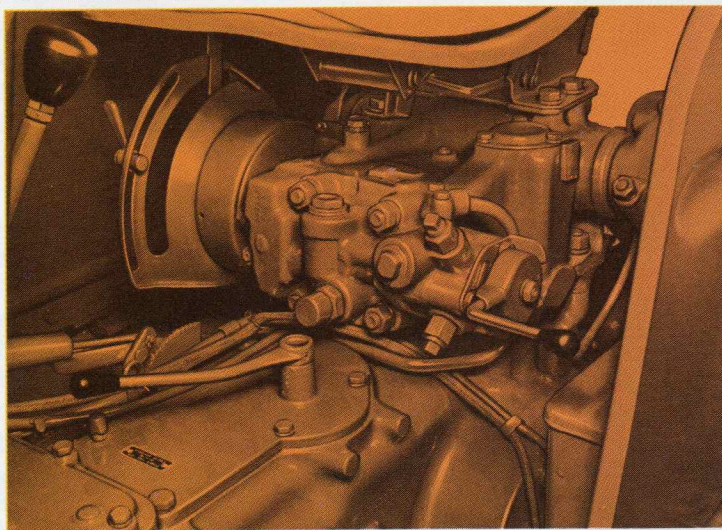
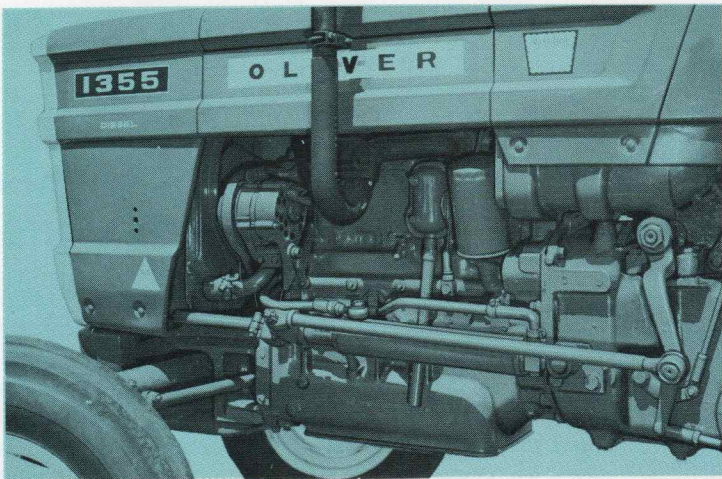
Handy lever locks brakes. Band-type brakes on the axle shafts are operated by individual pedals, which can be locked together during road travel. You'll also appreciate the convenience of the hand parking lever that locks both brakes at the same time, that releases with ease.

Comfortable contour seat. You'll be comfortable all day long in the padded, form-fitting, deluxe seat that soaks up shocks and bumps. A parallelogram suspension system keeps the seat horizontal through the entire vertical adjustment range. And, simply turning a knob adjusts the seat to your weight. Ample fore and aft range of seat position to suit leg length.

A fine view all around. There's a complete lighting system for night-time operation. Mounted on the crown-type fenders are two flood lamps, plus one rear lamp (Vineyard and Orchard models excepted). Both tractors are also equipped with two amber warning lights.

All instruments are on a single panel, and in full view. They include fuel and temperature gauges, generator and oil pressure lights and a Speed-O-Tac which registers travel speed and engine rpm.





Attachments designed to increase tractor utility

Light-handed power steering. This positive, hydraulic-assist unit, standard on HighClearance and 4-Wheel Drive, optional on other models, takes the work out of maneuvering a 1255 or 1355 in freshly-plowed ground and in soggy barnyard footing. And, it will respond to the lightest touch when a loader bucket, for example, is heaped with heavy material. Easy access to the direct-drive pump facilitates servicing.

Auxiliary hydraulic system. Here's the convenient control valve of the remote hydraulic system that operates single-acting or double-acting cylinders (special equipment). The big reservoir—18 quarts in the 1255, and 19 quarts in the 1355—provides an extra supply of hydraulic oil.

Also offered as special equipment is an auxiliary hydraulic pump with a capacity of 12 gallons per minute. A valuable addition when you operate a large variety of implements and attachments — front-mounted or rear-mounted. Pump attaches to the engine-speed pto outlet, does not interfere with the 3-point hitch or the regular power take-off unit.

Special and optional units. Power steering, Powerjuster rear wheels, 3-point hitch drawbar, remote control valve, couplings and hoses, remote hoses, remote cylinders, basic front weight, front stack weight, front flat weight, rear wheel weights, creeper transmission, coolant heater, vertical exhaust system. Special belt pulley attaches to engine-speed outlet, does not interfere with regular pto. Pulley is 10 inches in diameter, operates at 1248 rpm, travels 3210 fpm.

OLIVER 1255/1355 dimensions, capacities, inside facts

The manufacturer reserves the right to change specifications without notice and without incurring obligation. Information contained herein is from data available at time of printing.

	1255 Diesel	1355 Diesel
Horsepower (certified):		
Power take-off.....	38.5	51
Engine:		
Number of cylinders...	3	4
Bore, inches.....	3.74	3.74
Stroke, inches.....	4.33	4.33
Governed speed, rpm.	2400	2400
Piston displacement, cubic inches.....	142.8	190.4
Compression ratio....	17:1	17:1
Main bearings.....	4	5
Electrical system, volts	12	12
Valve arrangement....	Vertical in head	
Crankshaft.....	Induction hardened	
Rings.....	2 compression, 1 oil	
Lubrication system....	Pressure	
Oil filter.....	Spin-on, full-flow	
Air cleaner.....	Oil bath with pre-cleaner	
Cooling system.....	Pressurized	
Cooling circulation....	Pump and thermostat	
Governor.....	Centrifugal	
Starting aid.....	Thermostarter	

	1255	1355
Clutches:		
Diameter, inches.....	10	11
Type.....	Dual-stage, pedal operated pto	Dual-stage, independent pto lever
Throwout bearing, pto clutch.....	Ball type, externally lubricated	
Throwout bearing, engine clutch.....	Ball type, externally lubricated	Ball type, lifetime lubricated

Transmission and brakes:		
Transmission type....	Sliding gears with planetary-type reduction gear	
Speeds.....	6 forward, 2 reverse	8 forward, 2 reverse
Gears.....	Hardened	
Shafts.....	Heat-treated	
Brakes.....	Band on axle shaft, hand-operated parking brake	

Hydraulics:		
Three-point hitch.....	Draft and position control	
Relief valve pressure, psi.....	2133	
Maximum lift of 3- point hitch, pounds.	2660	3100
Pump output, gpm....	5.76	

	1255	1355
Capacities:		
Fuel tank, gallons....	14¼	14¼
Crankcase and filter, quarts.....	8	12
Cooling system, quarts	13½	14
Transmission and hy- draulic system, quarts	18	19

	1255 Model			
	Utility (12.4-28 tires)	High Clearance	Vineyard (12.4-28 tires)	4-Wheel Drive (16.9-30 tires)
Dimensions:				
Front axle clearance, inches.....	18¼		15½ ₁₆	14¾
Length overall, less 3- point hitch and draw- bar, inches.....	115		115	119½
Width overall, minimum inches.....	62¾		45	68
Height to top of steering wheel, inches.....	58¾		55¾	63
Wheelbase, inches.....	75¾		74¾	71¾
Turning radius, without brakes, inches.....	138		116½	182¼
Lateral drawbar adjust- ment, inches.....	19	19		19
Vertical drawbar adjust- ment, inches.....	9	9		9
Drawbar adjustment in length, inches.....	3½	3½		3½
Shipping weight, approximate pounds	3710			4300
Tires:				
Front.....	6.00x16*, 7.50x10, 7.50x16	6.00x16*	5.00x15*	12.4x16, 14.9x24, 9.5x24,
Rear.....	12.4-28*, 13.6-28, 14.9-28, 18.4-16A	12.4-28*, 13.6-28, 14.9-28	12.4-28*	16.9-24, 12.4-28*, 13.6-28, 16.9-30, 18.4-38

	1355 Model			
	Utility (14.9-30 tires)	High Clearance (16.9-30 tires)	Orchard (14.9-30 tires)	4-Wheel Drive (16.9-30 tires)
Dimensions:				
Front axle clearance, inches.....	18¾	25¾	18	11
Length overall, less 3-point hitch and drawbar, inches.....	122	125	119	127
Width overall, minimum inches....	70	72	59¼	72
Height to top of steering wheel, inches.....	60¾	67½	57¼	63¼
Wheelbase, inches....	81½	80¾	78½	78
Turning radius, without brakes, inches.....	145	141¾		189¼
Lateral drawbar adjustment, inches..	19			19
Vertical drawbar adjustment, inches..	9			9
Drawbar adjustment in length, inches....	3½			3½
Shipping weight, approximate pounds	4410			4940
Tires:				
Front.....	6.00x16*, 7.50x16, 7.50x10	6.00x16*, 6.00x16	9.50x14*, 7.50x16*	9.50x24*, 12.4x16, 14.9x24
Rear.....	14.9-28*, 14.9-30, 16.9-30, 18.4-16A	16.9-30*, 14.9-28	14.9-24*,	16.9-24, 16.9-30*, 18.4-38

*Standard.

Full choice of equipment for all seasons and practices

Mounted, pull-type units. There's a wide selection of Oliver equipment to match the power of your new 1255 or 1355 perfectly, ranging from mounted plows to harrows of various types, from 3-point hitch cultivators and mowers to pull-type implements of all sorts.

Shown here is just one way you can increase the utility of your tractor. Loader types with lifting capacities to fit your requirements are available. One is the 1514 (illustrated) that fits the 4-Wheel Drive 1255, and 1355. The auxiliary hydraulic system with a capacity of 12 gpm, employs the loader frame as an oil reservoir. And, exceptional balance enables you to use the power of your 1255 or 1355 to the fullest.



WHITE OLIVER

WHITE FARM EQUIPMENT • HOPKINS, MINNESOTA 55343