

# OLIVER "Cletrac" HG

TRU-TRACTION FOR THE FARMER



"EASY STEERING  
... STARTING ...  
FUEL ECONOMY  
... GOOD  
TRACTION."

WILL JONES  
Preston, Nebraska

"I LIKE ITS CLEARANCE FOR  
ROW CROPS, ABILITY TO GET  
OVER SOFT GROUND."

HAROLD GRAY  
Traverse City, Michigan

"OUR FARM IS  
REAL HILLY AND  
THE HG CLETRAC  
SURELY WORKS  
FINE. IT IS OUR  
FIRST TRACTOR.  
BECAUSE OF THE  
HILLS, WE  
COULDN'T USE  
ANY OTHER  
KIND."

MRS. INEZ BUSFIELD  
Altoon, Michigan

**THE CRAWLER  
TRACTOR  
THAT DOES  
YOUR WORK  
WHEN YOU WANT  
IT DONE!  
TRU-TRACTION**

"I LIKE THE  
QUICK RESPONSE  
WHEN DOING  
WORK CLOSE IN  
AROUND TREES.  
ALSO AT THE  
TURNS, WHICH  
ARE MANY."

A. R. KNECHT  
Ridgely, Washington

"I THINK IT IS THE ONLY TRACTOR  
FOR YEAR AROUND WORK, PERFORM-  
ANCE AND FUEL ECONOMY AND  
UPKEEP. I WOULD HAVE NO OTHER."

GEORGE LOCK  
Lapeer, Michigan

"I HAVE USED A CLETRAC  
FOR 20 YEARS AND I THINK  
THIS ONE IS THE BEST THAT  
I HAVE EVER BOUGHT."

HENRY COUGHLIN  
Eira, N. Y.

**THEY'RE TALKING ABOUT  
OLIVER "Cletrac" TRU-TRACTION  
THE CRAWLER TRACTOR FOR THE FARMER**

# CHECK THE YEAR-ROUND TRACTOR JOBS ON YOUR FARM!

"IT IS THE BEST  
TRACTOR TO STAY  
ON TOP OF WET  
SOIL THAT I HAVE  
EVER USED."

W. G. RUCKS  
Hollywood, Fla.

- 1** Summer or winter — rain or shine! There are tractor jobs on your farm the year round. Do you need a tractor that ignores the weather . . . the season . . . the kind of footing?



- 2** Do you want to save the valuable plant food in fresh manure for your crops? Do you need a tractor that can haul a spreader over your fields every day of the year?



- 3** Have you adopted the modern system of strip farming where short turns are frequent?



- 4** Are you looking for a tractor to help you farm steep hillsides efficiently and safely? That gives you the grip you need for heavy uphill pulls?



- 5** Do you want a tractor that will stay on top of freshly plowed ground . . . that "flows" over furrows and rough spots . . . that takes you across soft, wet lowlands without stalling?

THEN BUY THE OLIVER® Cletrac® MODEL HG  
THE TRACTOR WITH TRU-TRACTION

# AVAILABLE IN

"I LIKE THE HG  
CLETRAC'S ABILITY TO  
CROSS SOFT WET SPOTS  
WITHOUT GETTING  
STUCK."

H. D. LONG  
Greenville, Idaho

THE MODEL HG crawler tractor was engineered and built especially for the farmer. Farmers have been working for years with tractors that had their limits of use. Many of them have to wait for conditions to be right for their tractors, rather than the right conditions for various tillage operations. In the spring, when land should be plowed and the soil and the sod is wet, every other farmer gets "behind." This means that plowing is late, planting is late and later harvests usually mean a smaller harvest and smaller profit.

THE MODEL HG is a tractor that asks no favors—you can plow under adverse conditions—you can get your planting and cultivating done on time and you can harvest on time. After your harvest, you can run your mills or feed grinders and saw wood along with other miscellaneous work. When the snow flies and the ground is frozen, your Model HG is just the tractor for drawing your cord wood or pulling your spreader—all because only Cletrac has Tru-Traction. Truly, here is a tractor that will eliminate the draft animals that require shelter and feed the year around, and are only used occasionally.

"I FARM 15 ACRES  
OF MUCK WITH MY  
CLETRAC. NO OTHER  
TYPE OF TRACTOR  
WOULD WORK ON  
MY LAND"

FRANK P. THORPE  
Alton, N. Y.

THE MODEL HG is the one tractor that is sold complete, ready for use under all average operating conditions. Built scientifically, the entire weight of the tractor is evenly distributed on the full size track. Traction is the full length of the tractor.

Uphill . . . downhill . . . along the contour! It makes no difference to your Cletrac. It has the power and traction to haul your tillage tools up the steepest grade. Its center of gravity is low enough to work along contours with safety. It will complete your work with dispatch and economy. With a Cletrac you can be the master of the weather as well as the toughest soil conditions.



# 2 ROW-WIDTHS

"I LIKE MY CLETRAC HG  
BECAUSE IT GOES OVER  
WET GROUND WITHOUT  
MIRING DOWN, YET  
IT IS IDEAL FOR  
BREAKING IN DRY  
HARD SOIL."

WOGAN BERGERSON  
Sylvestre, Miss.

OLIVER  
Cletrac  
HG-68

68"

The HG-68 is built for the farmers who raise row crops as well as general farm crops. The tracks are 68" center to center measurement (ample for all of your crops). The lowest clearance point is 20 1/2 inches. This clearance feature allows you to get into your fields for late cultivation when all of the plant nourishment should go to the fruit of the plant instead of to the weeds. With your cultivator, the HG-68 can get out into the field and do the cultivating when it should be done—and without frequent stops to cool off.

MODEL HG-42 is the tractor for both the general and specialized farmer. It will pull all your implements with the least effort—plows, discs, harrows, drags, average-size combines, mowers and any other implement that you use. Because of its light-footedness and low ground pressure, the HG-42 is the ideal tractor for work in black dirt or muck. It is equally at home in the lowlands and in the highlands.

"I USE A CLETRAC  
BECAUSE NO OTHER TRACTOR  
WILL DO THE WORK"

LUCIANO SACNELI

# TRU-TRACTION STURDY CONSTRUCTION—

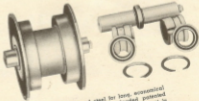
**CLETSAC GIVES YOU** the experience of years of exclusive water manufacturing and engineering. Cletrac tractors are built of the finest material obtainable. Each tractor is checked many times during construction, and is given special inspection before being shipped. When you buy your **CLETRAC "Cletrac" Model HG**, you know that you have a tractor that will give you **unfailing service** for years to come.



**THE MODEL HG** has a 4-cylinder high-compression engine with a  $5\frac{1}{2}$ " bore and a 4" stroke, delivering 18 horsepower on the drawbar and 22 horsepower on the belt. Perfect lubrication of the main and connecting rod bearings is assured by the force feed oiling system. A large capacity oil filter, oil bath air cleaner and liberal use of dirt traps keep the working parts. The governor is in contact with the working parts, and while sensitive to all load changes, positively controls engine speed without surging. It is fully enclosed, temperature-actuated and automatically lubricated. Efficient thermo-siphon cooling system keeps the engine at just the right temperature for the most efficient operation.



For districts where the price of gasoline is excessive and low grade fuels are used, special engine parts are available. Equipment consists of low compression head, efficient heating manifold and carburetor, extra tank for starting the engine on gasoline, a temperature gauge and radiator control. The engine balance is not disturbed whether your tractor is equipped with a high compression head for burning regular motor fuel, or a low compression head for burning the cheaper special motor fuel under all conditions. Alcohol burning equipment is also available. Parts consist of a high compression head, special manifold and carburetor.



Cletrac lower track wheels are of drop forged, hardened steel for long, economical service. Fully protected against dust and dirt by two spring-loaded patented wipers of steel that are on each and at the track wheel shaft. End thrust is taken up by the large bearing collar in the CENTER of the lower track shaft, relieving the oil seals of all unnecessary strains and thrusts, hence prolonging their life. Track frames are sturdily constructed of heavy pressed steel and reinforced with four steel bulkheads, all electric welded. Four steel bars run the full length of the frame, giving perfect rigidity and extra strength. This is the same construction that is used on the large industrial tractors that have proven so successful.

# TRU-TRACTION LONG VALUABLE SERVICE!



At the right is a shear view showing the rear sprocket wheels undergoing the Flame Hardening process. This process entails special equipment; but Citroac uses it to produce a better long-lasting sprocket. The wearing surface of the sprocket is made diamond hard, while the center remains comparatively soft. With this condition, the outside being extremely hard and resisting wear, while the center, being soft and absorbing strain or stresses that the part may be subject to, a long life sprocket is produced.

Note the central location of all controls—easily within reach of either hand without leaning. The temperature gauge is part of the instrument housing as are the steering levers, when operated individually, turn the motor either left or right. When operated together, they lock the track securely and firmly. Tracks are locked for belt pulley work and stationary power take off work. Combination belt pulley and power take off special equipment is located at the rear for easy belt attachment with the driven machine.



Note the compact, rugged Tru-Traction differential. All gears of the transmission and differential are of the finest hardened steel and run in a constant bath of oil. Being in the same case eliminates extra oil seals and bothersome "dry compartments" that are difficult to keep free of oil. Only Citroac has positive power steering—



# ONLY OLIVER "Cletrac" GIVES YOU

Cletrac's Tru-Traction steering which gives power on both tracks at all times.

Conveniently located controls.

All transmission shafts operate on heavy duty tapered roller bearings.

Foot operated clutch pedal.

Power  
through  
duty  
joints

Comfortable back supporting seat.

Carburized, Hardened and Drawn Bushings.  
Tocco Hardened Pins.

All gears heat treated, operating in oil bath.

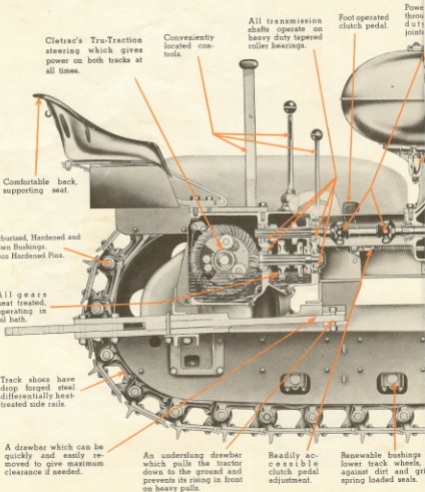
Track shoes have drop forged steel differentially heat-treated side rails.

A drawbar which can be quickly and easily removed to give maximum clearance if needed.

An underslung drawbar which pulls the tractor down to the ground and prevents its rising in front on heavy pulls.

Readily accessible clutch pedal adjustment.

Renewable bushings lower track wheels, against dirt and spring loaded seals.





# YOU TRU-TRACTION!

"I PULLED A MANURE SPREADER THROUGH 12 INCHES OF SNOW, AND SPREAD MANURE WITH IT WHEN IT WAS ALMOST IMPOSSIBLE TO GET HORSES TO HAUL THE EMPTY WAGON."

JACK E. FAYLOR  
Indiana, Pennsylvania

is transmitted  
by two heavy-  
universal

Visible fuel filter  
sediment bulb.

Heavy-duty long  
type clutch.

Large capacity  
oil bath  
air cleaner.

Cletrac

Large capacity thermo-siphon  
cooling system which insures  
proper operating temperatures  
even under extreme condi-  
tions.

4-cylinder Hercules  
engine.

Radiator is supported  
on motor frame.  
Positive radiator  
support means less  
vibration and longer  
life.

Engine is mounted  
and carried in a  
heavy 5-inch rein-  
forced channel  
frame.

Heavy rolled steel grouser  
and plate, securely fast-  
ened to the rails.

Strong, unit  
construction,  
U-shaped  
track frame.

A centralized  
spring adjust-  
ment for track  
tension.

Knee action works in a vertical plane  
securely holding track in alignment,  
yet giving maximum track oscillation.  
Completely enclosed against the en-  
trance of dirt, mud or grit.

the  
aled  
with

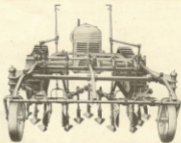
# ALL YOUR WORK WILL WHEN YOU WANT IT



MODEL HG-68 WITH 4-ROW WEEDER



MODEL HG-68 WITH CULTIVATOR



## THE OLIVER 'Cletrac' 2-ROW CULTIVATOR

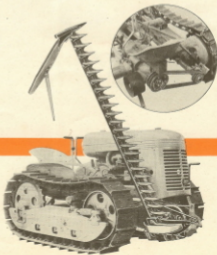
Matching the OLIVER "Cletrac" Model HG in smoothness of construction, ease of handling, maneuverability and outstanding performance is the Cultivator for the Model HG-68. This patented push-type unit floats freely and independently vertically from the tractor. With chisels in front of the tractor, the operator has a Full View of his work. Attached simply by driving in and dropping two pins and cross members into position—only a few minutes work. The cultivator is of square tube and channel steel construction. For unusually tough going square tube cultivator gang units are available—best and best cultivator gangs assembly available and interchangeable.

## MOWER

Here is the mower that you have been looking for. Front mounted cutter bar for safety and full visibility. Mows at any angle and cover out of register, power take off drive and safety clutch release. If you hit a hidden stump or rock, an automatic clutch throwout is operated and the tractor stops. This eliminates the danger of having the cutter bar snapping around loose and doing damage when an obstruction is met. The Detroit Harvester mower is available with a six-foot cutter bar for either the HG-42 or HG-68.

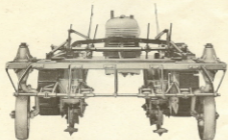
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MODEL HG-68 WITH MOWER



# TH AN OLIVER 'Cletrac'

... HOW YOU WANT IT



## THE OLIVER 'Cletrac' 2-ROW PLANTER

To change your Cultivator over to a Planter is a simple and inexpensive operation. All you need to buy is the plastic cone and mechanism. The same frame that carries the Cultivator also carries the Planter. The lifting levers and mechanism of the Cultivator are used in the Planter. Each planting unit like the cultivating unit, is independently regulated from the seat of the tractor. A complete changeover can be made in only a few minutes. Fertilizer attachment is available and plates can be supplied for almost any size seed and for various planting distances.

## SPRAYER

Below—The New Age combination vegetable or tree sprayer mounted on the Model HG-41, and driven by the power take off, is also available. Tank mounted on the side harness takes all the extra weight of the tractor harness and equalizes springs. This mounting also gives perfect balance, as well as stability.



MODEL HG-41 WITH MOUNTED DUSTER



BELT PULLEY WORK WITH THE HG

## DEPENDABLE QUALITY THROUGHOUT

When you buy a Model HG, you buy a tractor that will give you years of unflinching, dependable service—a tractor that is built to do your job best. It will handle 1, 2, 3 plows, depending on your soil conditions and your requirements. It will pull your planter. It will weed your crops two or four rows at a time. It will handle the average-sized combine. It will mow a six-foot swath. It will operate a

sprayer or duster. It will do all your power take-off work, as well as your belt pulley work. It will pull your spreader easier and better. It will do all your jobs more efficiently and economically than you ever dreamed they could be done. You be the judge and try the Model HG on your farm. See if Tractor-Traction won't make your farm life easier.

HG-41 WITH P.T.O. OPERATED SPRAYER



# COMPLETE!



OLIVER "Caterac" MODEL FD



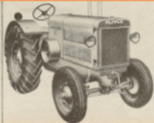
OLIVER "Caterac" MODEL D



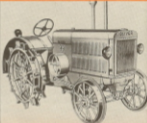
OLIVER "Caterac" MODEL B



OLIVER ROW CROP 14



OLIVER STANDARD 90



OLIVER STANDARD 95



OLIVER MODEL 30 GRAIN MASTER



OLIVER MOUNTED NO. 1475 MIDDLESBUSH



OLIVER "Caterac" MODEL A AND DISC FLOW



OLIVER SIDE DELIVERY BAXX

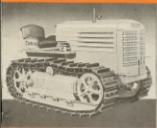


OLIVER "Caterac" 80 MOVING BUILDING



OLIVER 21 3 POWER-DRIVEN MOWER

**THERE ARE OLIVER TRACTORS AND IMPLEMENTS FOR EVERY FARM... EVERY CROP... EVERY JOB... EVERY POCKETBOOK!**



OLIVER "Clear" MODEL A



OLIVER ROW CROP 60



OLIVER ROW CROP 75



RAYDEE-EQUIPPED OLIVER FLOW MASTER



OLIVER SUPERIOR NO. 34 DRILL



OLIVER MODEL 3 GRAIN MASTER



OLIVER NO. 184 MOUNTED CULTIVATOR



OLIVER SUPERIOR NO. 7 SPREADER



OLIVER "Clear" MODEL A BALING HAY



OLIVER DBC FLOW



OLIVER "Clear" Puffing WAGON and HAY LOADER



OLIVER NO. 3 CORN MASTER



Sub-Rubber Pads for 8" or 10" Tracks

# Extra Equipment

Ten-inch integral plate and grouser is offered as extra. These wider tracks insure traction and lower ground pressure. Rubber pads and pavement plates are available for use with both the six and ten inch plates. Pads are of long-life rubber for sure traction and light loading.



AIR CLEANER

A leather seat pad of durable rubber and hair construction is available. This seat pad absorbs most all vibration or jolts that the spring seat does not take up.

Combination power take off and belt pulley unit, P. T. O. speed—551 R. P. M. Governed engine speed at 1700 R. P. M. gives a belt speed of 2300 R. per minute. Cyclone auxiliary air cleaner should be used in extremely dusty conditions. The dust receptacle is in full view so you can see when to service the cleaner. Cleaner may be installed along side of the hood or in the position shown.



COMPLETELY ENCLOSED CAB

Electric starting and lighting is available for the Model HG Cletrac. Equipment consists of two front and one rear white light, starting motor, generator, starting switch, and instrument panel, containing ammeter, oil gauge and light switch. This equipment can be purchased either as lighting equipment only, when you already have starting equipment, starting equipment only, or a combination of both.



PARTIALLY ENCLOSED CAB

A completely enclosed or partially enclosed cab may be had according to weather protection desired. Sturdy and strong in construction, its simple installation is accomplished by brackets and bolts which fasten to the frame of the tractor.

TRACE EQUIPMENT



SEAT PAD



BELT PULLEY AND P. T. O.

ELECTRIC STARTING AND LIGHTS



## SPECIFICATIONS

	DETAIL	HC 6	HC 10
<b>ENGINE</b>			
Displaces C.F.		10.0	16.5
Displaces Gallons		13.3	21.8
Land		300	500
Inches		110	170
Feet		9.2	14.2
Cm.		230	360
Belt P.T.O.		551	551
R.P.M.		551	551
Inch Pulley		2300	2300
Feet Pulley		1100	1100
Mile Speed		1.4	2.3
Per Hour		0.28	0.46
Per Mile		3.5	2.2
Per Hour		70	44
Per Mile		14	9
Per Hour		28	18
Per Mile		6	4
Per Hour		12	8
Per Mile		3	2
Per Hour		6	4
Per Mile		1.5	1.0
Per Hour		3	2
Per Mile		.75	.5
Per Hour		1.5	1.0
Per Mile		.38	.25
Per Hour		.75	.5
Per Mile		.19	.12
Per Hour		.38	.25
Per Mile		.10	.06
Per Hour		.20	.12
Per Mile		.05	.03

\*When Power Pulley is installed add 1 Extra Dia. of 1/2 to 1 inch diameter.

	DETAIL	HC 6	HC 10
<b>GENERAL</b>			
Rated Engine to Operate R.P.M.		551	551
Inch Pulley		2300	2300
Feet Pulley		1100	1100
Mile Speed		1.4	2.3
Per Hour		0.28	0.46
Per Mile		3.5	2.2
Per Hour		70	44
Per Mile		14	9
Per Hour		28	18
Per Mile		6	4
Per Hour		12	8
Per Mile		3	2
Per Hour		6	4
Per Mile		1.5	1.0
Per Hour		3	2
Per Mile		.75	.5
Per Hour		1.5	1.0
Per Mile		.38	.25
Per Hour		.75	.5
Per Mile		.19	.12
Per Hour		.38	.25
Per Mile		.10	.06
Per Hour		.20	.12
Per Mile		.05	.03
Per Hour		.38	.25
Per Mile		.19	.12
Per Hour		.38	.25
Per Mile		.10	.06
Per Hour		.20	.12
Per Mile		.05	.03
Per Hour		.38	.25
Per Mile		.19	.12
Per Hour		.38	.25
Per Mile		.10	.06
Per Hour		.20	.12
Per Mile		.05	.03
Per Hour		.38	.25
Per Mile		.19	.12
Per Hour		.38	.25
Per Mile		.10	.06
Per Hour		.20	.12
Per Mile		.05	.03
Per Hour		.38	.25
Per Mile		.19	.12
Per Hour		.38	.25
Per Mile		.10	.06
Per Hour		.20	.12
Per Mile		.05	.03

# A Size for Every Job...

No matter what the size of your operations, whether a smaller row-crop farm or a great ranch of thousands of acres under cultivation, there's a Model to meet your power demands. • In the OLIVER "Cletrac" line are different size tractors from 18 to 114 horsepower with either gasoline or Diesel power. All of them embody the

features that have made the Model H so justly famous for agricultural work... light ground pressure, easy handling, positive traction, economy of operation, and year-round dependability under any and all conditions. • We shall be glad to send you complete details and descriptive literature of any size to fit your needs.

The OLIVER Corporation, CLEVELAND 17, OHIO



## Model "A" Series

GASOLINE and DIESEL

Disabler H. P.	Gas	Diesel
Connected to Sea Level	24.4	21.4
M. A. C. C. Rating	26.55	22.4
Speeds:		
Gasoline, 1.78, 2.61, and 3.74 M. P. H.		
1.80 M. P. H. in Reverse, Street, 1.78, 2.62, and 3.74 M. P. H., 1.56 M. P. H. in Reverse.		
Disabler Pounds Pull		
Connected to Sea Level		
1st Gear	6020	6800
2nd Gear	4160	4520
3rd Gear	2840	2900
Del H. P.		
Connected to Sea Level	30.8	30
Approximate Weight	6900	7600



## Model "B" Series

GASOLINE and DIESEL

Disabler H. P.	Gas	Diesel
Connected to Sea Level	39	30.05
M. A. C. C. Rating	28.4	23.75
Speeds Gasoline, 1.80, 2.63, 3.44 and 5.4 M. P. H., 1.8 and 3.13 M. P. H. in Reverse, Diesel, 1.80, 2.64, 3.46 and 5.4 M. P. H., 1.8 and 3.14 M. P. H. in Reverse.		
Disabler Pounds Pull		
Connected to Sea Level		
1st Gear	7000	8012
2nd Gear	5700	5586
3rd Gear	4300	4127
4th Gear	2800	2500
Del H. P.		
Connected to Sea Level	50	48.09
Approximate Weight	8550	9000



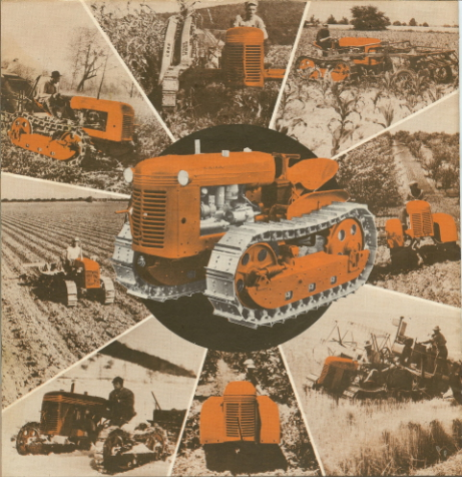
## Model "D" Series

GASOLINE and DIESEL

Disabler H. P.	Gas	Diesel
Connected to Sea Level	61.3	61.19
M. A. C. C. Rating	61.3	49.9
Speeds Gasoline, 1.94, 2.49, 3.31 and 6.30 M. P. H., 2.19 and 3.94 in Reverse, Diesel, 1.7, 2.3, 3.00 and 4.60 M. P. H., 2.02 and 3.44 in Reverse.		
Disabler Pounds Pull		
Connected to Sea Level		
1st Gear	11000	11616
2nd Gear	6600	6912
3rd Gear	4000	3180
4th Gear	4150	4540
Del H. P.		
Connected to Sea Level	66	67.7
Approximate Weight	12850	12700



FOR MORE THAN 25 YEARS THE CLEVELAND DIVISION OF THE OLIVER Corporation HAS BUILT TRACK-TYPE TRACTORS OF SUPERIOR QUALITY



**The OLIVER Corporation**  
Cleveland 17, Ohio, U. S. A.