

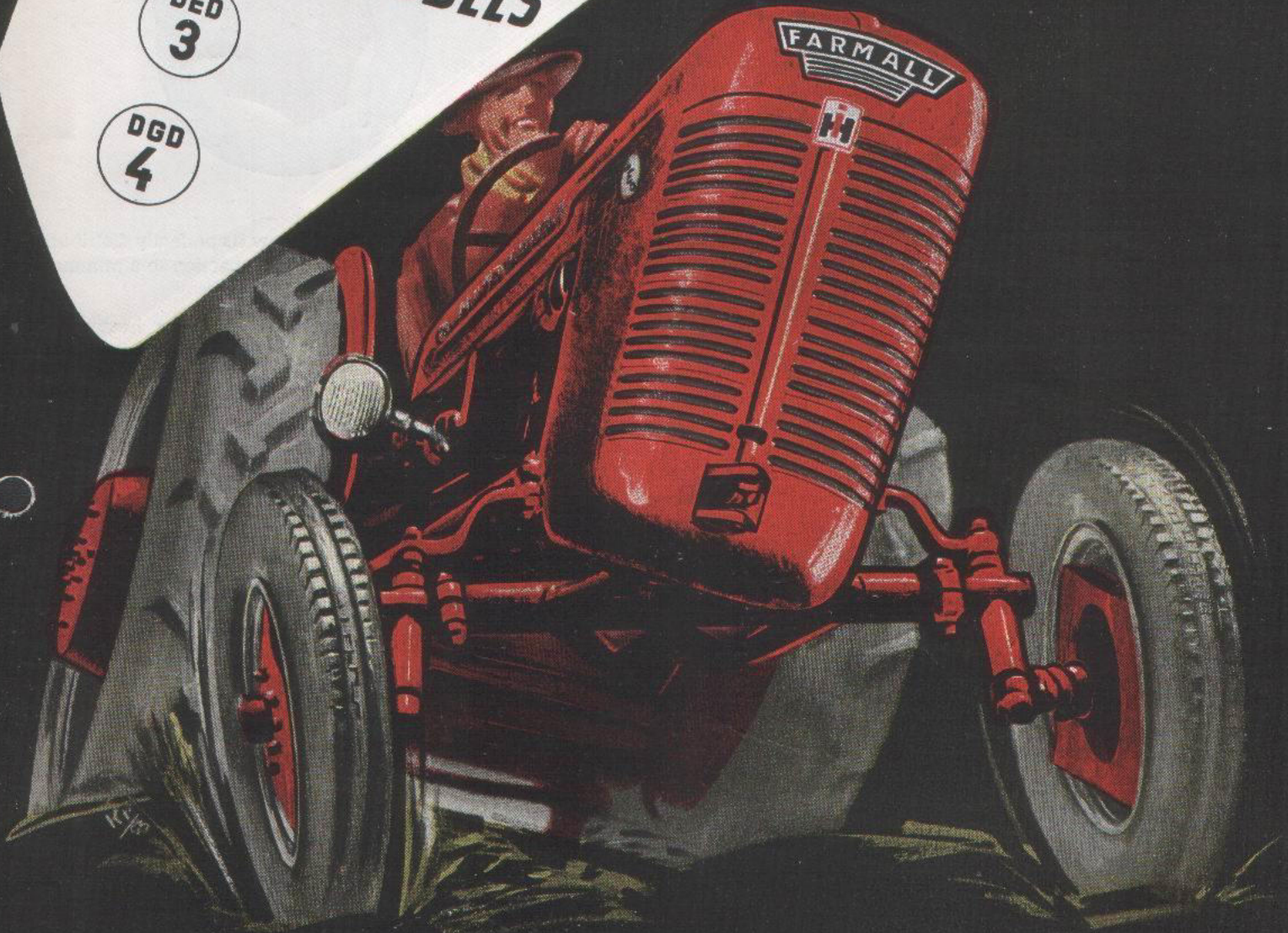
Introducing

2 *new*

**FARMALL DIESEL
TRACTOR MODELS**

DED
3

DGD
4



M^cCORMICK

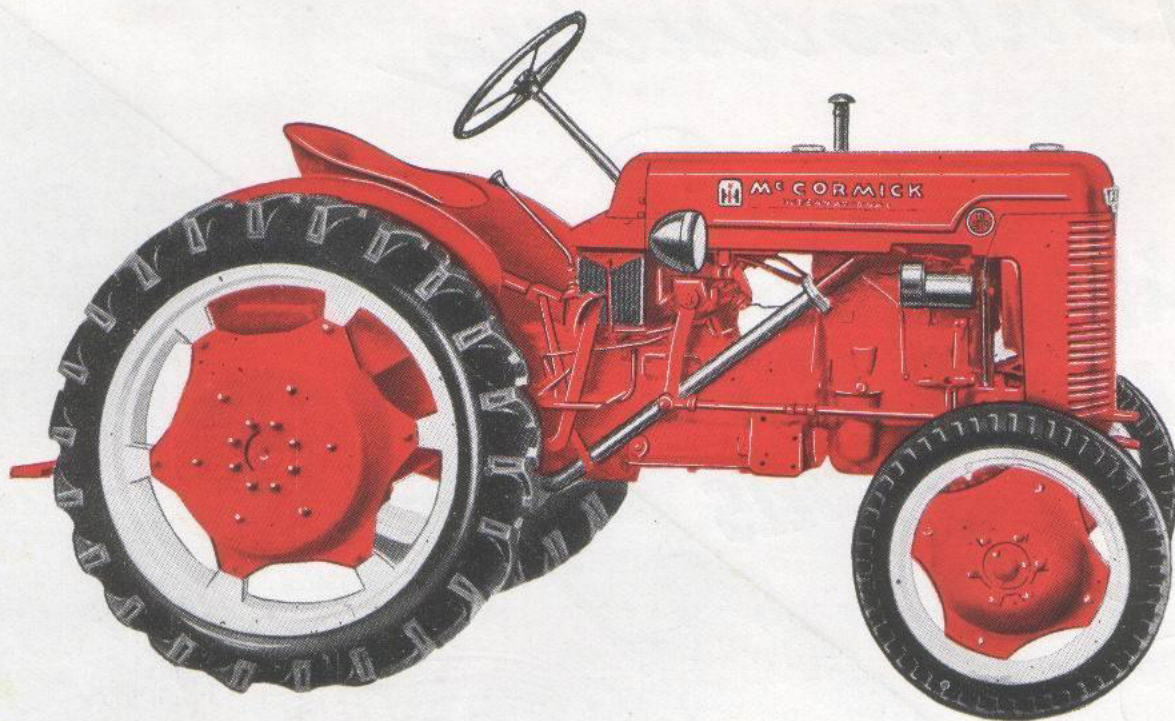
INTERNATIONAL

THE **MCCORMICK**
INTERNATIONAL

FARMALL

DED
3

20 B.H.P.



THE MCCORMICK-INTERNATIONAL FARMALL D-3 tractor is equipped with a new 3-cylinder direct starting diesel engine which develops 20 brake h. p. at 1750 RPM. It is ideally suited for two plow tractor work and takes care of every power job on the medium size farm.

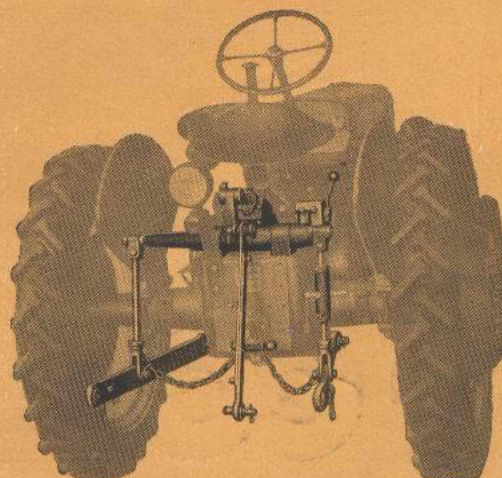
You will be pleasantly surprised at the ease with which the Farmall D-3 handles. Starting is simple and instantaneous. The gears in its new 5-speed transmission shift with the ease of an automobile, steering is shock-proof and effortless and the double-disc brakes respond to tip-toe pressure and assure instantaneous and positive braking.

But let the Farmall D-3 tell its own story. Try it out in both light and heavy work. See how well it is suited for

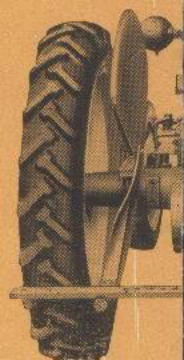
all types of light field work and how its perfectly distributed weight and balance reduce soil compaction to a minimum.

Then test its pull, power, and traction under heavy load. When one of the drive wheels encounters uncertain footing and starts to slip, engage the differential lock for that extra traction necessary to keep the load moving. When other tractors in its horse power class bog down, the Farmall D-3 will carry you through.

High ground clearance, adjustable wheel tread, implement mounting pads, hydraulic lift with 3-point suspension hitch, 5-way power combined with 5-forward speeds and the variable speed governor make the Farmall D-3 the real all-purpose tractor for field and highway operation.



Three Point Suspension Hitch



Belt Pulley w/D

MCCORMICK INTERNATIONAL

FARMALL DED and DGD Diesel Tractors

THE NEW FARMALL D-3 and D-4 Diesel tractors have been designed as all purpose tractors for highway transport as well as field work. Light weight, high ground clearance, adjustable wheel tread and steering brakes make these tractors worthy members of the world renowned Farmall line with respect to all field work. The 5-speed transmission with a top speed of 12.5 m. p. h., spiral bevel gear final drive, foot throttle, disc brakes, spring mounted front axle and front and rear trailer hitches make these tractors ideal highway transport units.

THE ENGINES in the new Farmall D-3 and D-4 tractors are of proven design. Replaceable cylinder sleeves, aluminum pistons, induction hardened crankshaft journals running in precision bearings and full pressure lubrication assure long and trouble-free engine life. The Bosch injection pump with built-in governor and torque control assure maximum power with minimum fuel consumption at all engine speeds. A feature of these new engines is that many of the main wearing parts, such as sleeves and pistons, connecting rods, main and connecting rod bearings, valves and all valve mechanism parts are the same. This feature reduces to a minimum the number of service parts that need be stocked.

THE TRANSMISSIONS with five forward speeds and one reverse speed deliver an unusually high percentage of the engine power to the drive wheels and give these tractors exceptional pulling ability in relation to their weight. The variable speed governor gives additional speed ranges in each of the five forward speeds provided in the transmission. Many parts in the transmission of the two tractors are the same thereby reducing the number of service parts which must be stocked for these tractors.

FIVE-WAY POWER is offered in the new Farmall D-3 and D-4 tractors:

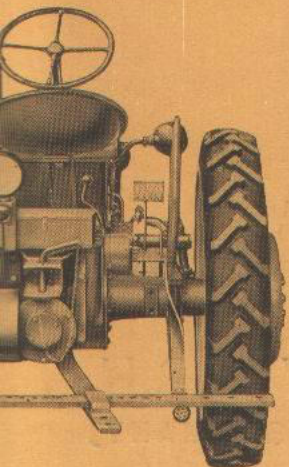
- 1) at the drawbar
- 2) at the belt
- 3) at the rear power take-off
- 4) at the side power take-off
- 5) at the front draw clevis

THE HYDRAULIC LIFT with 2-way lifting cylinder which is supplied on special order is so designed that it can be employed for operating forward mounted implements, a 3-point suspension hitch which replaces the standard implement drawbar or for the remote control of trailing implements. Side mounting pads are provided for the forward mounting of implements.

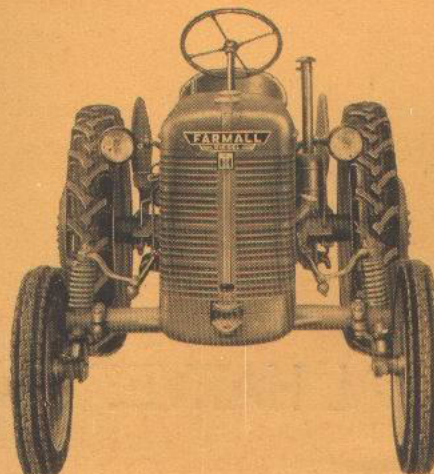
A DIFFERENTIAL LOCK which is supplied as a regular feature is a great help where uncertain traction is encountered. With it, the axle ends in the differential can be locked momentarily while moving over uncertain footing. The lock disengages automatically when the hand lever is released.

SAFETY AND COMFORT as well as utility have been given special attention in the design of the Farmall D-3 and D-4 tractors. Proper weight distribution in conjunction with double disc steering brakes which respond to tiptoe touch make the Farmall D-3 and D-4 easy to handle under the most difficult operating conditions. All controls are within easy reach of the operator. A foot throttle is supplied as regular equipment for highway operation. A spring mounted front axle which is supplied on special order eliminates road shock for both the operator and the steering mechanism when passing over rough terrain.

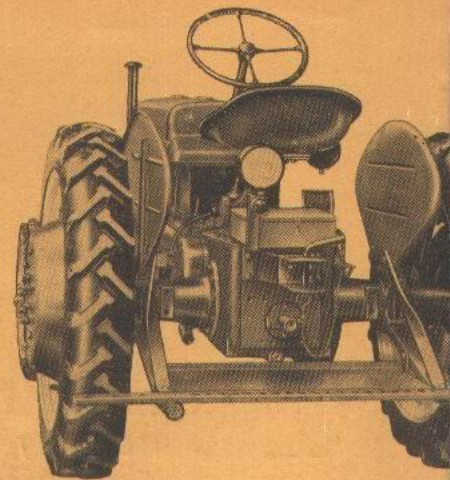
ACCESSIBILITY of all components has been given special attention in the design of the Farmall D-3 and D-4 tractors. The motor hood can be raised to afford easy access to all engine parts located under the hood. The battery cover can be removed for servicing the battery.



Swinging Drawbar



Spring Mounted Front Axle



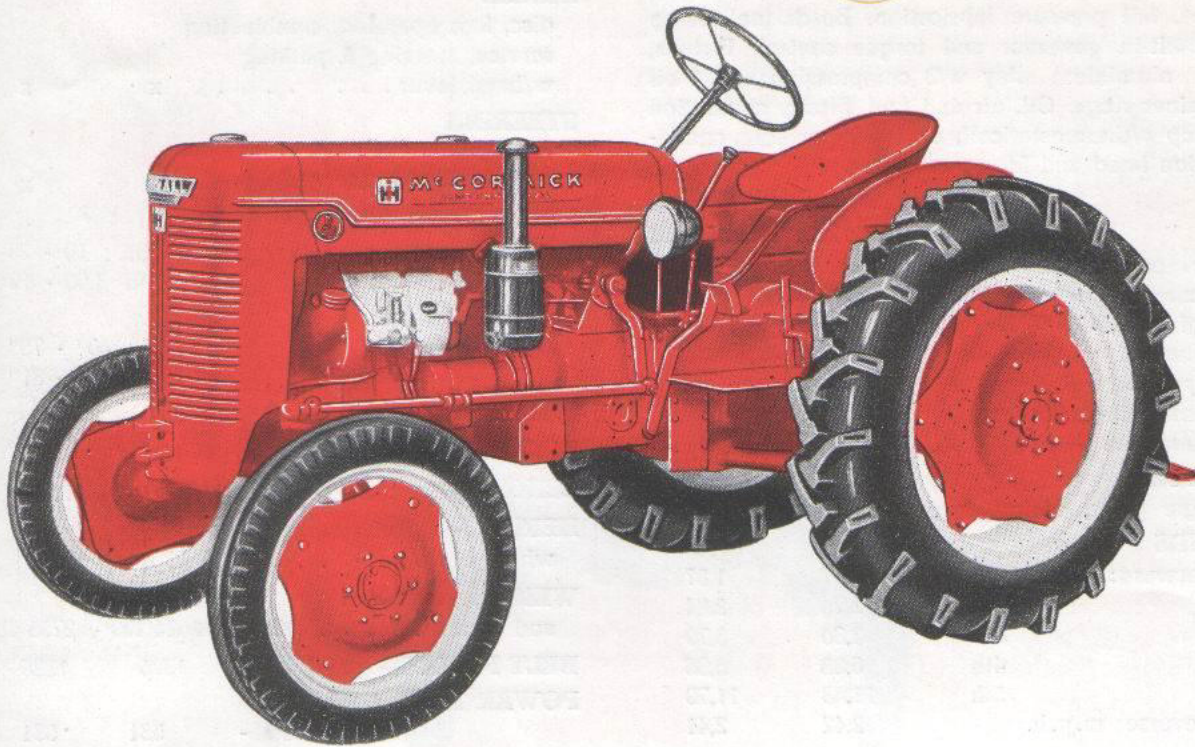
Platform for Implement Drawbar

THE **McCORMICK**
INTERNATIONAL

FARMALL

DGD
4

30 B.H.P.



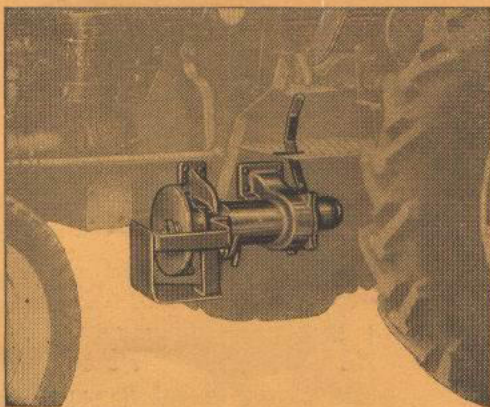
THE McCORMICK-INTERNATIONAL FARMALL D-4 tractor is the huskiest member of the new Farmall line. This bigger, more powerful tractor was designed for the man whose difficult soil conditions or larger acreage call for more power. It has a 4-cylinder, direct starting diesel engine of modern design which develops 30 brake h. p. at its full rated governed speed of 1750 RPM. It will handle a 3-bottom 12" plow under most soil conditions.

Perfectly balanced weight distribution, which is one of its outstanding characteristics, makes the Farmall D-4 ideally suited for the lightest or heaviest of work. Whether you want light weight for seed bed preparation and road transport or good traction for heavy plowing, you will find that the D-4 incorporates both these qualities. The Farmall D-4 also features a differential lock which provides the extra traction that often spells the difference between bogging down and getting the load out of the field.

The Farmall D-4 has five forward speeds and one reverse speed. It is also equipped with a variable speed governor so that the operator can select a wide range of speeds in each gear.

Here is power farming at its very best. Easy-to-shift 5-speed transmission, feather-touch steering, convenient and easy-to-operate controls and immediate acting disc brakes reduce tractor operation to a minimum of effort. Enjoy the ease with which the Farmall D-4 operates and the comfortable ride it gives.

The hydraulic lift with 2-way power and the 3-point suspension hitch which are supplied as a special feature make it possible to use all 3-point suspension hitch implements with this tractor. The foot throttle which is regular equipment and the spring mounted front axle which is supplied on special order make the Farmall D-4 an ideal tractor for highway transport as well as field work.



Side Power Take-Off for Mower Drive



GENERAL SPECIFICATIONS

ENGINE

IH valve-in-head, precombustion, direct starting type, full pressure lubrication, Bosch fuel pump w/built-in governor and torque control, Pistons, cast aluminium alloy w/3 compression and 2 oil retainer rings. Oil, air and fuel filters, circulation pump w/thermostatically controlled cooling, combination hand and foot accelerator.

	D-3	D-4
Horsepower-maximum brake	20	30
Maximum Drawbar Pull lbs	3693	5820
Engine Speed - RPM . . .	1750	1750
Cylinders, replaceable wet type, bore & stroke . . .	3 1/4" x 4"	3 1/4" x 4"
Crankshaft - induction hardened Bearings . . .	4	5
CLUTCH		
single plate, spring loaded	9"	10"
SPEEDS		
5 forward: m. p. h. - 1st	1,87	1,87
2nd	2,86	2,84
3rd	3,80	3,79
4th	6,88	6,86
5th	11,83	11,79
1 reverse: m. p. h.	2,42	2,41

REGULAR EQUIPMENT INCLUDES:

- Bosch Injection System
- Oil, Air and Fuel Filters
- Electric 12 Volt Starting & Lighting
- Pressure Cooling w/Circulating Pump
- Muffler
- Hand & Foot Accelerator
- Temperature Indicator and Radiator Curtain
- Wide Tread Front Axle w/Adjustable Tread
- 5-Speed Transmission
- Rear Power Take Off
- Differential Lock
- Front Draw Clevis
- Rear Fenders - Elephant Ear Type w/1 Rear Lamp
- Implement Drawbar

 D-3 D-4

BRAKE

disc, foot operated, combination service, steering & parking w/hand lever x x

STEERING

cam & lever, with plastic steering wheel 18" diameter x x

TIRE EQUIPMENT

regular 4-ply: rear 8 - 32 10 - 28
front 4.00 - 19 4.00 - 19

WHEEL TREAD

adjustable - rear 49" - 75" 49" - 75"
- front 49" - 81" 49" - 81"

WHEEL BASE

66" 70"

GROUND CLEARANCE min.

15⁹/₁₆" 15⁸/₈"

LENGTH - overall

107 1/2" 111 1/2"

HEIGHT - top of steering

wheel 62 1/2" 62 1/4"

WEIGHT - less fuel

and water 2624 lbs 2755 lbs

BELT PULLEY - speed RPM-

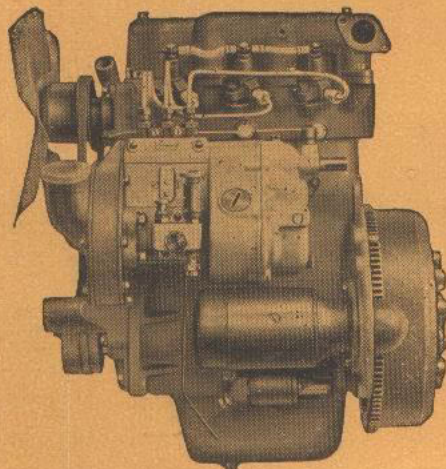
1325 1325

POWER TAKE OFF

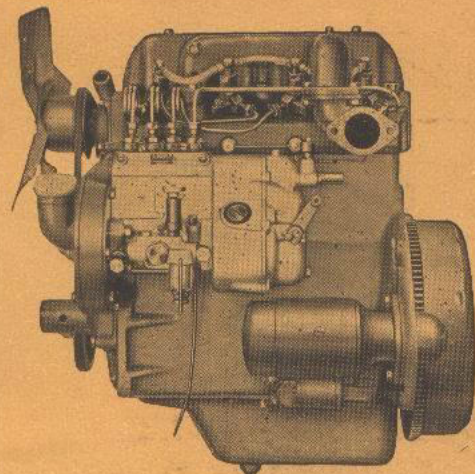
- speed RPM - 531 531

SPECIAL EQUIPMENT AVAILABLE:

- Belt Pulley
- Spring Mounted Front Axle
- Rear Trailer Hitch
- Hydraulic Lift w/3 Point Suspension Hitch w/Drawbar
- Swinging Drawbar
- Platform for Implement Drawbar
- Rear Wheel Fenders - Crown Type
- Seat for Crown Type Fenders
- Front Wheel Splash Shields
- Wheel Weights - front 55 lbs each
- " " - rear-first 121 " "
- " " - " second 165 " "

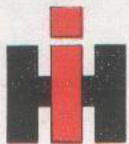
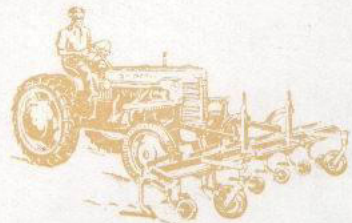
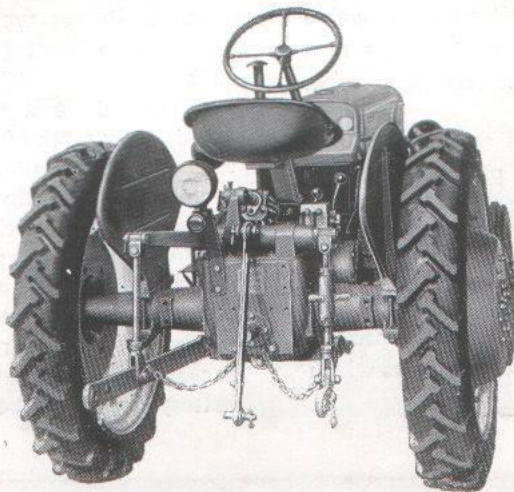
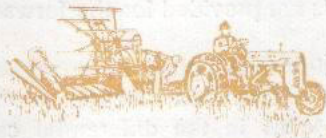
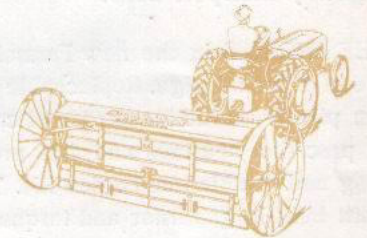
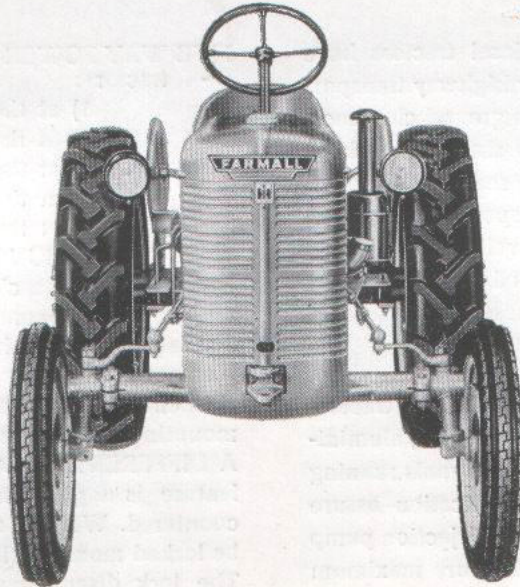


The 3-Cylinder D-3 Engine



The 4-Cylinder D-4 Engine

The real all purpose tractor line



INTERNATIONAL HARVESTER COMPANY M. B. H.
NEUSS/RHINE (GERMANY)