

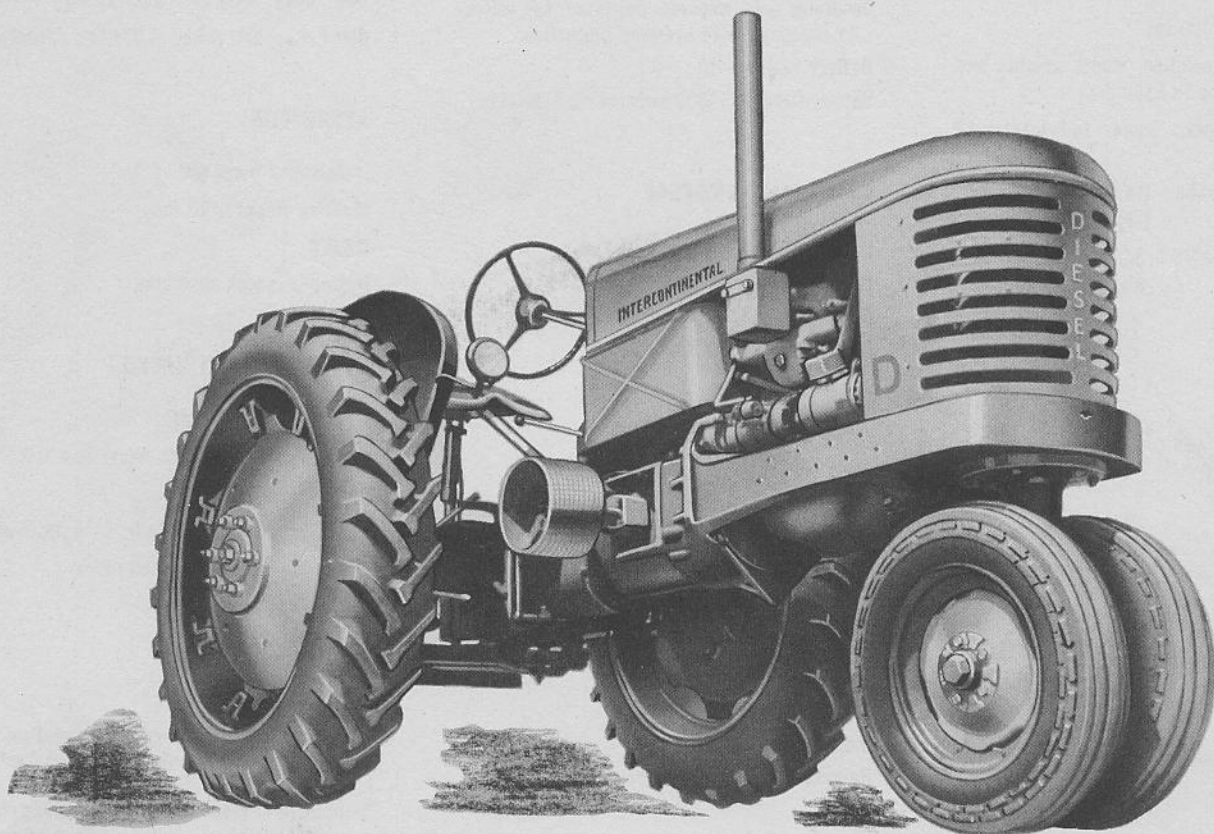
# INTERCONTINENTAL

**D-E**

**DIESEL**

**D-F**

*For Economy... For Durability*



**TESTED AND GUARANTEED**

**INTERCONTINENTAL MANUFACTURING COMPANY, INC.**

PLANT: GARLAND, DALLAS COUNTY, TEXAS

EXECUTIVE OFFICE: 1819 BROADWAY, NEW YORK 23, N. Y.

CABLE ADDRESS: INCONTRAC NEWYORK

# SPECIFICATIONS

## GENERAL

Overall Length — 130 ins.  
 Overall Width, Maximum — 94½ ins.  
 Overall Width, Minimum — 74½ ins.  
 Overall Height — 73½ ins.  
 Wheel Base — 81 ins.  
 Road Clearance At Drawbar — 15½ ins.  
 Cultivating Clearance at Rear Axle — 25 ins.  
 Turning Radius, Minimum — 8 ft. 6 ins.  
 Rear Tread Width, Minimum — 56 ins. (Can be increased in 4-inch steps to maximum of 84 ins.)  
 Weight, empty — 3300 lbs.  
 Weight (with tire solution, wheel weights and driver) — up to 6100 lbs.  
 Maximum Road Speed (under full load) — 12 mph.  
 Horsepower on Drawbar—D-E, 27.6 @ 1800 rpm.  
 D-F, 32.5 @ 1800 rpm.  
 Horsepower on Belt—D-E, 30.7 @ 1800 rpm.  
 D-F, 36.5 @ 1800 rpm.

## ENGINE

	D-E (also known as D-26)	D-F
Cylinders . . . . .	4	4
Bore . . . . .	3⅞	3¾
Stroke . . . . .	4½	4½
Displacement (cu. in.)	153.1	182.0
Compression Ratio . . .	15:1	15:1
Maximum Torque (ft. lbs. @ 1400 rpm.)	104	124
Firing Order . . . . .	1-3-4-2	1-3-4-2
Ignition . . . . .	Compression	
Fuel . . . . .	Diesel—30°-35°	Baume
Fuel Injection Pump . . .	Bosch	
Main Bearings . . . . .	3	3
Cylinder Head . . . . .	Cast Alloyed Iron	
Exhaust Valve Seats . . .	Replaceable Inserts	
Pistons . . . . .	Aluminum Alloy	
Piston Rings . . . . .	5	5
Connecting Rod Bearings . . . . .	Precision Type — Easily Replaceable	
Valves . . . . .	Located in Cylinder Head	
Governor . . . . .	Flyball Type	
Air Cleaner . . . . .	Oil Bath Type	
Oil Filter . . . . .	Replaceable Cartridge	

## SPEED UNDER FULL LOAD

	mph @ 1000 rpm	mph @ 1500 rpm
1st gear	1.64	2.46
2nd gear	2.36	3.54
3rd gear	3.28	4.92
4th gear	6.50	9.75
Reverse	2.04	3.06

## ELECTRICAL SYSTEM

Volts — 12  
 Starter — Solenoid operated, dustproof  
 Generator — 14 amperes, dustproof, full voltage regulated with overload protection  
 Battery Plates — 30  
 Battery Capacity — 300 amperes @ 3 minutes

## COOLING SYSTEM

Radiator — Non rusting copper core  
 Pump — Leak-proof type  
 Circulation — 33 gals. per min. @ 1800 rpm.  
 Capacity Entire System — 11 qts.

## FUEL SYSTEM

Tank Capacity — 14 gals.  
 Type Feed — Fuel pump  
 Fuel Filter — Two stage

## CLUTCH

Type — Single plate, dry  
 Diameter — 10 ins.  
 Release Bearing — Ball, permanently sealed

## BRAKES

Drum Diameter — 7 ins.  
 Location — Differential countershaft  
 Brake Shoes — Internal and external  
 Pedals — Two — independent  
 Pedals can be locked in "ON" position

## TRANSMISSION—REAR AXLE

Type — Integral  
 Final Drive Ratio — 34-1  
 Speeds — 4 forward, 1 reverse  
 Reduction Ratios — 1st gear — 96.0-1  
 2nd gear — 66.6-1 4th gear — 24.2-1  
 3rd gear — 47.9-1 Reverse — 77.0-1  
 Rear Power-Takeoff — 532 rpm. @ 1500 engine rpm.

Belt Pulley, diameter — 10 ins.  
 Belt Pulley, width — 6½ ins.  
 Belt Pulley, ratio to engine speed — .81-1.0  
 Belt Pulley, belt speed — 3212 ft. per minute

## STEERING

Irreversible worm and sector  
 Steering Wheel — 18 ins.

## SEAT

Hydraulic, shock absorbing

## WHEELS AND TIRES

Front Wheels — 16 ins.  
 Front Tires — 16 x 5.50, 4-ply; 16 x 6.00, 4 ply\*  
 Rear Wheels — 38 ins.  
 Rear Tires — 10 x 38, 4-ply; 11 x 38, 4-ply\*  
 Bearings — Timken tapered roller  
 \* Optional at extra cost

## INSTRUMENTS

Water Temperature Gauge — Oil Pressure Gauge  
 — Ammeter — Starter Button — Light Switch

Manufacturer reserves the right to make changes in specifications or equipment at any time without notice and without incurring any obligation to make like changes on merchandise previously sold, contracted for or delivered. Manufacturer shall have the right, however, to incorporate such changes, specifications, design or equipment which the manufacturer considers beneficial with respect to any merchandise sold or contracted for.

SEE NEBRASKA TEST 420 (D-E or D-26)

**INTERCONTINENTAL MANUFACTURING COMPANY, INC.**

PLANT: GARLAND, DALLAS COUNTY, TEXAS

EXECUTIVE OFFICE: 1819 BROADWAY, NEW YORK 23, N. Y.

CABLE ADDRESS: INCONTRAC NEWYORK