

International TD-24



The **International TD-24** was a diesel engined **crawler** tractor built by the **International Harvester** company from 1947 to 1955 in the **USA**.

Contents [show]



fandom POWERED BY **wikia**

Games

Movies

TV

Wikis



START A WIKI

The giant TD-24 was the new flagship for International's crawler line. It weighed about 20 tons (with dozer blade) and was powered by a new 180 hp (130 kW) 1091ci 6-cylinder diesel. The transmission and steering design was unique. The main transmission was a 4-speed syncromesh (for on-the-go shifting), and it had a separate forward and reverse unit for fast cycling in dozer work. There were also power-shifted 2-speed planetary gears in each track that made up the Planet Power Steering system. The planetary gears were controlled by the steering levers. Combining the high and low range of the planetary gears with the main transmission provided a total of 8 forward (and 8 reverse) speeds. Putting one track in high range and one in low caused a gentle turn with power to both tracks. For sharper turns the pivot brakes disconnected the inside track, as with a normal crawler.

When International brought out the TD-24 its main target was the legendary **Caterpillar D8**. The TD-24 was slightly larger, considerably more powerful, and much more modern with its syncromesh transmission and planetary power steering. The TD-24 also competed with the less powerful **Allis-Chalmers HD-19** and later **HD-20**, both of which had the advantage of torque converter drive. The **Cletrac FDE** and its successor the **Oliver OC-18** were both quite a bit smaller than the other tractors mentioned.

Timeline Edit

- 1947 - International TD-24 introduced
- 1955 - TD-24 upgraded to **Series 241**

Factory locations Edit

- USA**

Specification Edit

See Infobox for basic details

- Track gauge: 80"



- Electric starting

Variations and Options Edit

- Extended track frame
- Optional track shoe width: 18"-28"
- Radiator guard
- Electric lights

Serial Numbers Information Edit

Year	Serial no. run start ^[1]	Serial no. run End	Number Built ^[2]	Notes
1947	TDE506	514	5	
1948	515	1500	311	
1949	1501	1966	349	
1950	1967	2914	857	
1951	2915	4119	1061	
1952	4120	5074	925	
1953	5075	6048	974	Total built this year calculated from serial range
1954	6049	6555	507	Total built this year calculated from serial range
1955	6556			
Total built			7500 ^[3]	

Note: Total built and serial number ranges from different sources (even IH records) do not always agree

Preservation Edit



International TD-24 1948

Model history

Model introduced	1947
Model discontinued	1955
Model status	Discontinued
No. produced	7,500
Preceded by	Model 15 TracTracTor
Superseded by	International T-6

Engine Specification

Engine make	International
Engine model	D-24
Fuel type	diesel
Power hp	180 net engine, 167 belt, 142 drawbar
Governed rpm	1375
Displacement cu in / (litre)	1091 ci
No. of Cylinders	6
Bore in (mm)	<div style="border: 1px solid gray; padding: 2px; font-size: 0.8em;">We Review Doctor Strange and Explore Fantastic Beasts and Where to Find Them!</div>
Stroke in (m)	

Naturally aspirated, NA
Turbo or Supercharged

Transmission Details

Transmission type	4-speed syncromesh, with 2-spe planetary power shift in each trac
Clutch	Rockford dual-plate dry disk
Gearbox make	International
Forward	8
Reverse	8
Drive	crawler

General Data

Linkage Category	drawbar
Tyre Sizes (std/options)	
Front	22" tracks
Tractor Dimensions	
Length (inches/metres)	183"
Width (inches/meters)	102"
Height (inches/meters)	88"
Weight (nominal) lb/kg	37500 lb
Turning circle (nominal) inches/meters	20 ft

Other info

No information on any individual examples of these tractors in preservation is currently available on here.

Factories USA

Plow rating

This box: view · t

Do you know of any examples to list ?

- Example with front winch for bulldozer gear in the [S.E. Davis & Son collection](#)
- Example with [Bucyrus-Erie](#) Bulldozer blade and rear CCU at [Fred Knights](#)

Gallery Edit

Add extra photos here please.

See also Edit

- [List of Tractor Manufacturers](#)
- [List of International Harvester Vehicles](#)


fandom POWERED BY **wikia**
Games
Movies
TV
Wikis ▾
🔍
👤 ▾
START A WIKI

- [Shows and meets](#) - events featuring tractors and other machinery
- [Clubs Listing](#) - List of clubs including various tractor marques
- [Collections](#) - list of private collections with tractors (add yours)
- [Museums](#) - includes museums featuring tractors (please add missing ones)

References / Sources Edit

1. ↑ <http://www.ytmag.com>
2. ↑ [Wendel, C. H., 150 Years of International Harvester, Crestline Publishing, Sarasota, Florida, 1981](#)
3. ↑ [Klancher, Lee, International Harvester Photographic History, Motorbooks International, Osceola, Wisconsin, 1996](#)

External Links Edit

-

Categories: [Tractor models introduced in 1947](#) | [Tractor models discontinued in 1955](#) | [-plow rated tractors](#) | [International Harvester tractors](#) | [International TD-24](#) | [IH crawler tractors](#) | [Tractors by model number](#) | [Tractors built in the United States](#) | [180 hp tractors](#) | [24 \(model number\)](#) | Add category



POWERED BY **wikia**

We Review Doctor Strange and Explore Fantastic Beasts and Where to Find Them!

📺 Exorcist
📺 Evil Dead
📺 Watch Dogs 2



Movies →

TV →

Explore Wikis →

Overview

- About
- Careers
- Press
- Contact
- Wikia.org

Terms of Use

- Privacy Policy
- Global Sitemap
- Local Sitemap

Community

- Community Central
- Support
- Fan Contributor Program
- WAM Score
- Help

Can't find a community you love? Create your own and start something epic.

START A WIKI

Community Apps

Take your favorite fandoms with you and never miss a beat.



Advertise

- Media Kit
- Contact

