

LETOURNEAU TRANSPORTER

Series T

With
Side Loading
Attachments



1 ONE MACHINE Performs All Functions
LOADS • TRANSPORTS • UNLOADS



The LeTourneau Transporter with side loading attachments has the advantage of being able to load and unload logs without the assistance of additional machines. This Transporter has been built to fill requests by logging companies for a machine capable of traveling over make-shift roads, loading its own logs, and then dumping the load with minimum effort.



INITIAL LOADING — With cables dead-ended and looped around the log, electric winches roll log onto bunks.



STACKING — Bottom logs are in position and another layer being loaded.



TRAVELING — Independent walking beam arrangement of Tandem rear wheels and front axle oscillation keeps total weight distributed on all six driving wheels when traveling over rough roads.



R. G. LeTOURNEAU, INC., Longview, Texas

Manufacturers of Heavy-Duty Electrically Powered and Controlled Equipment.



RAMPS DOWN — When unloading, portable ramps protect tires and Transporter from rebounding logs — guide logs to ground or stringers.



DUMPING — Electric winches raise steel beams adjacent to bunks and logs slide down portable ramps away from Transporter.



EMPTY — Entire load is safely on the ground a few minutes after Transporter stops. Portable ramps may now be reloaded and another trip begun.

LETOURNEAU

TRANSPORTER Series T

With Side Loading Attachments

General Data

Overall Length (with blade)	46' 6"
Overall Width	12' 0"
Overall Height	14' 4"
Wheelbase	30' 0"
Minimum Width for non-stop 180° turn	49' 0"
Tires	Six 73" O. D. wide base tubeless
Travel Speed	Infinite Range, 0 to 16 MPH
Weight (equipped as illustrated)	70,000 lbs
Net Payload	30 tons

Mechanical Data

Power Source: 335 HP Cummins NRTO-6 Diesel Engine drives directly-coupled LeTourneau Generators.

Power Application: LeTourneau Electric Motors located at points of power application, including DC motors driving each wheel.

Steering: Electrically powered pivot type.

Brakes: Regenerative electric braking for operational purposes and magnetically controlled, multiple-disc brakes for emergency stops and parking.

Controls: Single electric control governs speed, power, and braking. All other functions controlled by finger-tip electric switches.

Winch Data

Maximum Line pull	20,000 lbs
Maximum Line Speed (In and Out)	175 FPM

R. G. LeTourneau, Inc. whose policy is one of continuous improvement, reserves the right to change specifications or equipment without incurring obligation as to units previously sold.

Please Address Inquiries To

R. G. LETOURNEAU INC
LOGGING EQUIPMENT DIVISION
LONGVIEW, TEXAS, U. S. A.

LETOURNEAU

ELECTRIC TRANSPORTER

Series T



BULLETIN NO. 301A

Powerful Diesel-Electric All-Wheel Drive Off-Road Cargo Carrier

- Six Powerful Electric Wheels** — Every wheel is independently powered by its own electric motor and gear reduction built within its rim — yet all work together as a team to pull through sand, rocky terrain, or sticky mud and gumbo.
- Infinite Power and Speed Selection** — One simple lever controls DC electric drive and braking system — permits infinite selection within power and speed range to match all operating conditions.
- Instantaneous Power Proportioning** — Automatically delivers more driving power to wheels with greatest traction . . . less to wheels with poor footing. As long as any wheel has traction, driving power is available.
- All Electric Control** — One simple electric finger switch on the instrument panel gives absolute control of electric powered steering . . . front wheels are always "locked" in the exact direction operator chooses . . . with no back-breaking mechanical controls to fight.
- Flotation and Traction** — Big wide-base tires, each with about 600 square inches of ground contact, permit off-road travel where heavy-cargo carriers would stall. Flexible suspension keeps weight distributed on all six driving wheels.



LETOURNEAU

R. G. LETOURNEAU INC.
General Offices: Longview, Texas



Equipment

TRANSPORTER

SPECIFICATIONS

GENERAL:

Overall Length	39'-3"
Overall Height	13'-3"
Overall Width	12'-0"
Capacity	35 Tons*
Tires	Six 73" O.D. Wide Base Tubeless
Ground Clearance	17"
Travel Speed	Standard, 0 to 16 M.P.H.
Turning Radius	Approx. 36'-0"
Wheelbase	25'-2"
Cab	Enclosed

*Deduct weight of platform and optional equipment to arrive at net payload.

MECHANICAL:

Power Source: 335 HP Cummins NRTO-6 Diesel Engine drives LeTourneau Generators.

Power Application: LeTourneau Electric Motors are located at points of power application.

Steering: Front wheels electrically steered.

Brakes: Regenerative braking for operational braking, and magnetically controlled multiple-disc brakes for emergency stops and parking.

Controls: Single electric control governs travel speed, power and braking. Electric switches control other operations.



In "Rough Going" it Goes

The LeTourneau Transporter is built to move large tonnages through soft sand, mud and snow ... over areas normally inaccessible to ordinary transport. The machine's low pressure, tubeless tires provide traction and flotation necessary for long off-road hauls over tough terrain.

Electric Wheel Drive

Six LeTourneau Electric Wheels, each independently powered by its own electric motor, work together to haul this heavy load up extreme grades. Simple electric cables transmit power to drive wheel motors and steering motor ... eliminates complicated mechanical drives. No gears to shift.

Optional Equipment Available

The Transporter can be fitted out with various types of platforms and equipment to meet special load requirements. Machine shown here is equipped for desert oil field work, with 12' x 25' flat bed, winch, emergency clearing blade, rolling tail board, gin-poles and headache rack.

Please Address Inquiries To

R.G. LETOURNEAU INC

TRANSPORTATION EQUIPMENT DIVISION

Longview, Texas

LETOURNEAU

LOGGING TRANSPORTER

Series T

Moves New-Cut Timber over Rough, Unimproved Logging Roads

The LeTourneau Logging Transporter is a powerful off-road hauler that shows the way to big logging profits. Its ability to travel on roads normally impassable to other vehicles eliminates need for extensive rocking, cutting to grade, and drainage construction.

Six big LeTourneau Electric Wheels provide tractive power, flotation, and efficiency for getting unlogged areas into production fast. Each wheel has its own powerful electric motor and gear reduction built within its rim to provide the power to bring big timber loads out over rough, unimproved roads.

These and other features add up to off-road mobility that permits timber harvesting with only minimum road building costs.



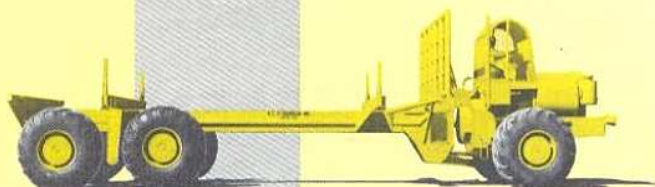
NO COST ELECTRIC BRAKING — Regenerative electric braking automatically holds Transporter at pre-set speed on grades. Has no friction parts to wear — no adjustments to make.

SAFETY OF OPERATION — Constructed to withstand rugged off-road conditions. Front axle and rear wheel oscillation keeps machine and load level. Disc type wheel motor brakes provide positive stops in emergencies.

EASE OF OPERATION — Every function electrically powered... assures instant response at work points. Simple electric switches replace clutches, gears, and steering wheel.

MINIMIZED MAINTENANCE — Electric power distribution means fewer mechanical parts to wear and adjust. Diesel engine operates at constant governed speed for long life, low cost.

ONE OF A 'FAMILY' OF LOGGING MACHINES — Every move from woods to mill can be handled by a LeTourneau machine designed specifically for the purpose... and specialized machinery makes for high volume production. **You can build an entire operation around these machines**, greatly simplifying parts and maintenance problems, because all LeTourneau equipment is built from the same standard, mass-produced components — just put together in different ways.

**LETOURNEAU**R. G. LETOURNEAU, INC.
GENERAL OFFICES: LONGVIEW, TEXAS*Equipment*



This Far East logging company's operations are built around the ability of LeTourneau Logging Transporters to deliver over jungle terrain that varies from hills to swamps. LeTourneau Electric Wheel Drive makes this possible.



LETOURNEAU

LOGGING TRANSPORTER Series T

GENERAL DATA

Overall Length	45' 8"
Overall Width (over tires)	12' 0"
Overall Height	13' 2"
Wheelbase	32' 0"
Gauge	9' 7"
Minimum Width for non-stop 180° turn ..	76' 6"
Tires	Six 73" O.D. wide base tubeless
Travel Speed	Infinite Range, 0 to 16 MPH
Weight	60,800 lbs.
Net Payload	30 tons

MECHANICAL DATA

POWER SOURCE: 335 HP Cummins NRTO-6-B1 Diesel Engine drives directly-coupled LeTourneau Generators.

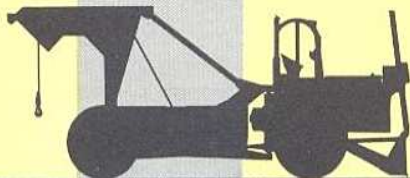
POWER APPLICATION: LeTourneau Electric Motors located at points of power application, including DC motors driving each wheel individually.

STEERING: Front axle electrically steered.

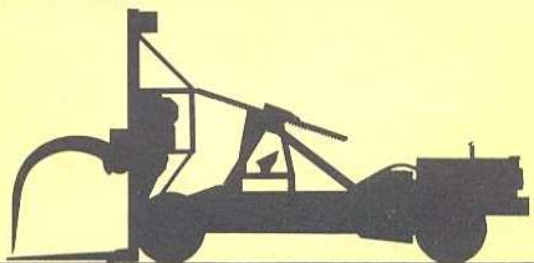
BRAKES: Regenerative electric braking for operational purposes and magnetically controlled, multiple-disc brakes for emergency stops and parking.

CONTROLS: Single electric control governs speed, power, and braking. All other functions controlled by finger-tip electric switches.

OTHER LETOURNEAU LOGGING EQUIPMENT FOR SPECIAL LOG HANDLING PROBLEMS



ELECTRIC ARCH — Designed for operation in the intermediate distances between economical tractor skidding and truck hauling. Skids 7,000 board foot loads over rough, steep trails.



LOG STACKER — Giant, electric-powered forks and tusks unload trucks in one "bite." This machine does all log handling jobs in the yard, including feeding mill from decks.

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R. G. LETOURNEAU INC

LOGGING EQUIPMENT DIVISION LONGVIEW, TEXAS, U. S. A.