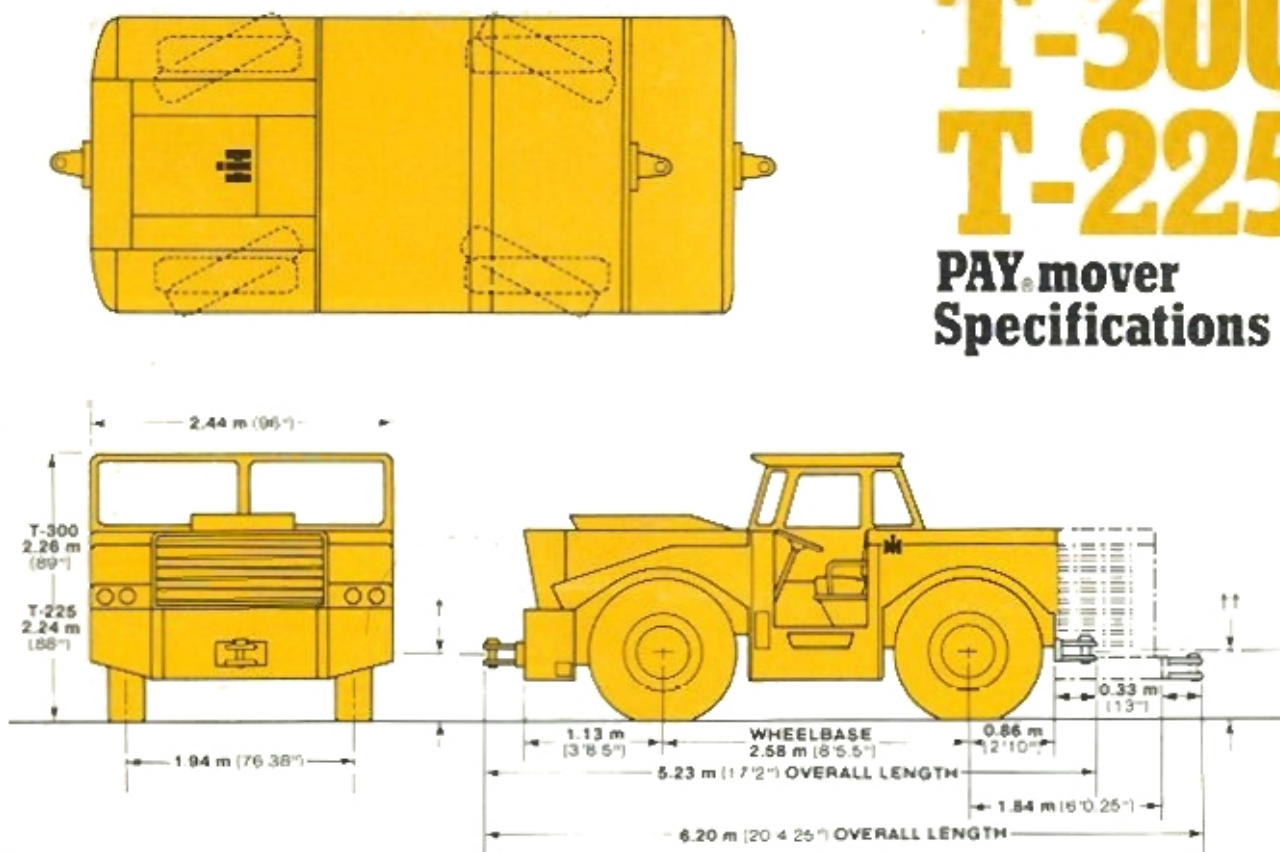


T-300SL T-225SL

PAY.mover Specifications



SPECIFICATIONS

ENGINE:

	Gasoline	Diesel
Make & Model	IH VS-549	Det. Diesel 6V-53N
*Net power, kW (hp)	153 (205)	147 (197)
@ governed rpm	3200	2800
**Max. power, kW (hp)	191 (256)	—
Max. torque, n-m (lb ft)	651 (480)	584 (431)
@ 1800 rpm	—	@ 1500 rpm
Bore & Stroke, mm (in)	114 x 109 (4.5 x 4.31)	99 x 114 (3.88 x 4.5)
No. of Cylinders	8	6
Displacement, L (cu in)	8.99 (549)	5.22 (318.6)
Electrical System	12V	12V
Fuel tank, L (U.S. gallons)	196.8 (52)	198.8 (52)

*Net horsepower of engine under standard conditions and with fan, water pump, air cleaner, alternator as applied in this machine.

**Maximum horsepower of basic engine under standard conditions, 15.5°C (60°F), with 760 mm (29.92" Hg) barometric pressure and maximum rpm.

TORQUE CONVERTER:

Allison TC-350—Single stage, three element, multi-phase.

TRANSMISSION:

Allison MT-643
Ratios—Fwd.— 3.58; 2.09; 1.39; 1.00
Rev.— 5.57

AXLES:

Front and Rear—Rockwell PSM-250 with 6.834 differential ratio, 3.6 planetary ratio in wheel hubs, 24.8 overall ratio. Each axle has torque-proportioning differential assembly.

STEERING GEAR:

Saginaw with Cessna Pump for power steering.

BRAKES:

Service—Four wheel hydraulic (power boosted) size, 436.8 x 101.6 mm (17.2" x 4"). Parking—mechanical (on transmission) size, 304.8 x 101.6 mm (12" x 4").

TURNING RADIUS:

	2-wheel steer	4-wheel steer
Minimum inside	5.28 m (17'4")	2.51 m (8'3")
Maximum outside	8.51 m (27'11")	5.46 m (17'11")
Aisle operational width	5.18 m (17'0")	3.96 m (13'0")

SPEEDS:

Speeds—	1st	2nd	3rd	4th	Rev
Gasoline, km/h	7.56	13.04	19.79	27.36	4.83
(mph)	(0-4.7)	(0-8.1)	(0-12.3)	(0-17.0)	(0-3.0)
Diesel, km/h	6.44	11.27	16.90	23.66	4.02
(mph)	(0-4.0)	(0-7.0)	(0-10.5)	(0-14.7)	(0-2.5)

TIRES:

	T-225SL	T-300SL
Front & Rear		
Std	11.00 x 24, 12 PR	12.00 x 24, 14 PR
Opt	12.00 x 24, 14 PR	12.00 x 24, 16 PR

HITCH

	T-225SL	T-300SL
†Height Front, mm (in)	457.2 (18")	472.4 (18.6")
†Height Rear, mm (in)	406.4 (16")	421.6 (16.6")

to centerline of coupler.

DRAWBAR:

Type coupler		
(Front & Rear)	Pin type	Pin type
Drawbar Pull		
(dry concrete), kg (lb)	10 206 (22,500)	13 608 (30,000)

OVERALL DIMENSIONS

	T-225SL	T-300SL
Width, m	2.44 (8'0")	2.44 (8'0")
Height over cab, m	2.24 (7'4")	2.26 (7'5")
Height over hood, m	1.73 (5'8")	1.75 (5'9")
Height over average operator, m	2.11 (6'11")	2.13 (7'0")
Length (less hitch), m	4.57 (15'0")	4.57 (15'0")
Ground clearance, mm	304.8 (12")	323.8 (12.75")

NOTE: These overall dimensions and hitch heights are for a basic T-225SL or T-300SL Paymover and will vary due to tire size, brands and total GVW.

*OPERATING WEIGHT, kg (lb)

Front	7258 (16,000)	9072 (20,000)
Rear	7258 (16,000)	9072 (20,000)
Total	14516 (32,000)	18144 (40,000)

*GPU included in weight

STANDARD EQUIPMENT:

Alternator w/built in voltage regulator
Filter, oil
Horn, electric
Ignition switch, keyless type
Lights, 2 headlamps and 2 combination stop & tail lamps—2 front floodlights—marker lights & reflectors—2 back-up lamps
Mirrors
Muffler, spark arresting
Radio suppression
Seats, adjustable operator—1 man passenger
Starter, push button
Tachometer

INTERNATIONAL

T-300SL/T-225SL

PAY[®] mover

ATTACHMENTS AND ACCESSORIES

ENGINE

Kind 389

T-225SL-GVW 14 516 kg (32,000 lb) with

IH V-549 Gasoline

T-225SL-GVW 14 516 kg (32,000 lb) with

GM 6V-53N Diesel

T-300SL-GVW 18 144 kg (40,000 lb) with

IH V-549 Gasoline

T-300SL-GVW 18 144 kg (40,000 lb) with

GM 6V-53N Diesel

FINISHES

Single color automotive enamel finishes provided as standard.

Requirements for additional colors, striping, two-tone, etc. will be individually reviewed and quoted separately.

Polyurethane Skydrol resistant paint or similar types (one color).

FACTORY INSTALLED OPTIONAL EQUIPMENT

Full-width cab is of welded steel construction throughout. Includes tinted safety glass in all windows, skylight. Three electric windshield wipers (2 front, 1 rear). Also included are cab dome lights for nighttime convenience and 2 defroster outlets.

Cab with doors.

Cab without doors.

Cab with sound suppression to provide greater operator comfort (includes doors).

Sound suppression unit for engine—diesel only.

The T-300SL can be adapted for greater efficiency in handling heavier aircraft and/or more adverse weather conditions with the addition of special counterweight conversion kits.

Counterweight conversion to increase GVW to 20 412 kg (45,000 lb)

Counterweight conversion to increase GVW to 22 226.4 kg (49,000 lb)*

Counterweight conversion to increase GVW to 24 040.8 kg (53,000 lb)*

Optional tire equipment in lieu of standard tire equipment:

12.00 x 24, 14 PR traction—T-225SL only

12.00 x 24, 16 PR traction—T-300SL only

Engine safety shutdown kit—protects the engine against high water temperature and low oil pressure.

Gasoline engine

Diesel engine

Fire extinguisher kit—for maximum safety a set of two 9.07 kg (20 lb) dry chemical extinguishers are mounted on the rear deck.

Flashing emergency light is visible for 360°—for units with cabs

Red

Amber

Flashing emergency light—for units without cabs

Red

Amber

NO CHARGE



Hand throttle kit—for gasoline engine only, allows operator to maintain engine speeds at desired level.

Heater and defroster kit—fresh air, hot water type heater-defroster draws air from outside vent. Has adjustable louvers to control air flow into operator's compartment.

Gasoline engine

Diesel engine

Internal power cable—for GPU's up to 60 KVA

Internal power cable—for GPU 75 and 90 KVA

Internal power cable—for GPU 125 KVA

Parking brake interlock kit—prevents machine operation when parking brake is set.

Spotlight kit—includes two sealed-beam movable spotlights; one mounted on side of radiator grille, the other on center of rear deck. Both illuminate coupler areas. (Taillight support kit to be used when no GPU is to be installed.)

Manual set includes: Operator's maintenance, service and parts.

Gasoline engine

Diesel engine

(Two sets included no charge with order.)

Export packing—for under deck shipment.

Taillight support kit†

†Note: These rugged pedestals provide taillight mountings when no GPU is to be mounted on the tractor but a rear GPU platform is desired. If no pedestals are ordered and GPU is not installed at factory, taillights will be shipped loose for installation by customer.

FIELD KITS

The T-225SL and T-300SL have the capability to adapt to meet your changing requirements. Counterweight conversion kits are available for field installation to enable you to meet the demands of handling heavier planes, even in more severe climates.

T-300SL FIELD KITS

Counterweight (internal lead) to increase GVW to 20 412 kg (45,000 lb)

Counterweight (external) to increase GVW to 22 226.4 kg (49,000 lb)*

Counterweight (internal and external) to increase GVW to 24 040.8 kg (53,000 lb)*

T-225SL FIELD KITS

Counterweight conversion to increase GVW to 18 144 kg (40,000 lb)**

*Requires alternate tires—12.00 x 24, 16 PR traction.

**Requires alternate tires—12.00 x 24, 14 PR traction.

Specifications subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment. PAY is a registered trademark of International Harvester Company.

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