INDUSTRIAL LIFT TRUCK SPECIFICATION SHEET

GTX-886LC

Rated Capacity At 106.3 in (2700 mm) Center of Load
88,000-lbs. (39,916 kg) / 2-High Stacking
88,000-lbs. (39,916 kg) / 6-High Stacking
256in. (6502 mm) Wheelbase

TAYLOR®

Cover image is for example purposes only and may not reflect current features.

TAYLOR MACHINE WORKS, INC.

Founded in 1927 on the principles of “FAITH - VISION - WORK”, and entrenched with decades of Heavy Industrial Material Handling experience, Taylor heavy lift trucks are Proudly Made In America. Taylor meets all of your rugged industrial needs with models and capacities that range from 4,000-lbs to 125,000-lbs. The Taylor GTX-Series features Tier 4 Final engine technology that has increased fuel efficiency while retaining the powerful low-end torque that our customers have come to expect. Taylor’s reputation was built while performing in the harshest industrial environments the Material Handling Industry has to offer. We strive to keep things simple and use appropriate technology that brings value and the Taylor GTX-886LC continues that tradition!

you can depend on Big Red®

Performance: †

			GTX-886LC	
Travel Speed	Maximum Fwd/Rev - No Load	mph (km/h)	14.5	23.3
	Maximum Fwd/Rev - With Load	mph (km/h)	12.8	20.6
Lift Speed	No Load	fpm (m/s)	59	0.30
	With Load	fpm (m/s)	49	0.25
Lowering Speed	No Load	fpm (m/s)	61	0.31
	With Load	fpm (m/s)	61	0.31
Gradeability	No Load*	%	31	
	With Load*	%	19	
Tractive Effort	At Stall	lb (kN)	67,443	300

*PowerShift (Maximum @ Stall)

† NOTE: Performance specifications are based on trucks with standard equipment. Performance specifications are affected by the condition of the vehicle, its components, and the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your Taylor sales representative.

* Chassis photo above is typical of the 4-high, 5-high, and 6-high stack GTX Loaded Container Handlers

GTX-886LC

Engine:

Engine	Make & Model		Cummins X12 (Turbocharged)				Cummins X12 (Turbocharged)		Optional Engine International Shipments Only
	Tier Compliance		Tier 4 Final				Tier 3		
	Fuel - Engine Type		Diesel - 4 Stroke				Diesel - 4 Stroke		
	Output	hp (Kw)	335	250			335	250	
	Gov'n Speed w/Load	RPM	2100						
	Cyl/Displacement	cyl/cu-in (L)	6	720	11.8				
	Peak Torque*	ft-lbs/RPM (Nm/RPM)	1249	1400	1694	1400			
Fluids	Fuel Capacity	gal (L)		0	0				
	Diesel Exhaust Fluid	gal (L)		0.0	0				
Electrical	Battery	Volt/Ah (2 batteries)	24 / 2300				24 / 2300		
	Alternator	Amps	110				110		

*(SAE J1995 Conditions)

† This engine requires (DEF) Diesel Exhaust Fluid and features (SCR) Selective Catalytic Reduction, (CEGR) Cooled Exhaust Gas Recirculation, diagnostic and maintenance monitor, fuel/water separator and engine/trans. protection systems. Emission certification: US EPA Tier 4 Final

†† Standard features are electronic diagnostic and maintenance monitor, fuel/water separator and engine/transmission protection systems. Emission ertification: US EPA Tier III, Carb Tier III, EU Stage III. Attention: Taylor models equipped with U.S. EPA Tier 3 certified engines are available for sale outside of the highly regulated countries of North America, Europe and Japan. Refer to the off-road diesel engine emission regulations of the specific country in question for verification.

Transmission:

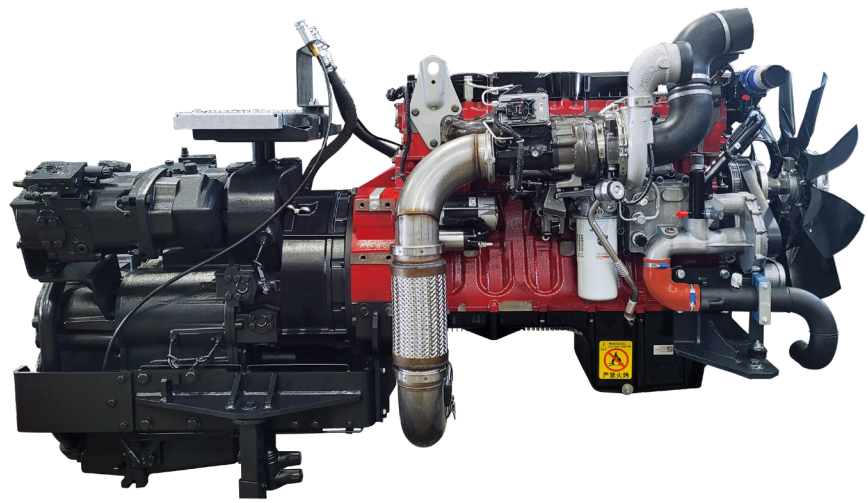
Trans.	Make & Model		Dana TE-30 Powershift	Dana TE-30 Powershift
	Number of Speeds	Fwd/Rev	5/3	5/3
	Clutch		Declutch	Declutch

The 5-speed automatic powershift transmission is modulated, fully reversing and features electric declutch. Directional controls are actuated through a column mounted shift lever. Temperature control is achieved through a seperate air-to-oil cooler. The filler-pipe dipstick and large, heavy-duty oil filter are easily accessed for maintenance.

Axles:

Drive Axle	Make & Model	Wet Disc	Kessler D-102W	Kessler D-102W
Steer Axle	Make & Model		Taylor	Taylor

The bolted heavy-duty planetary drive axle utilizes wet disc brakes.

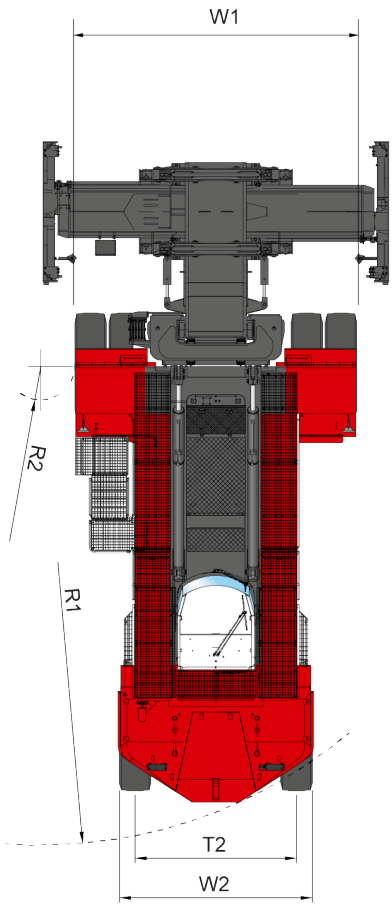


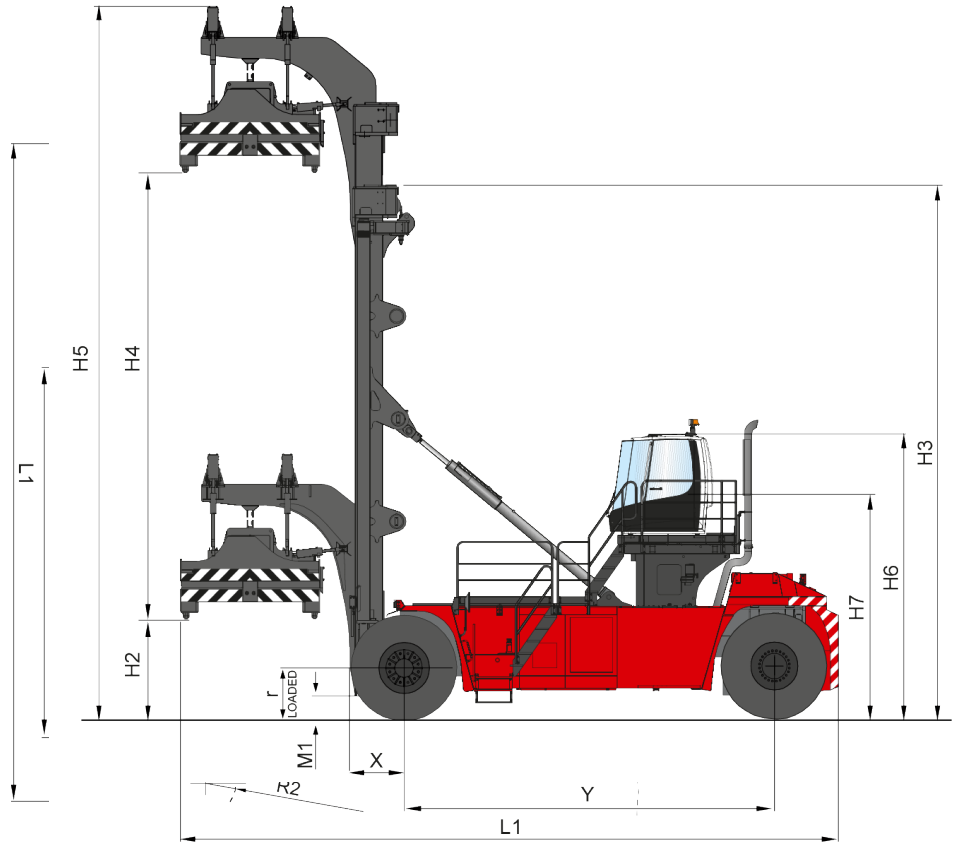
DANA TE30 Transmission **CUMMINS X12 Engine**

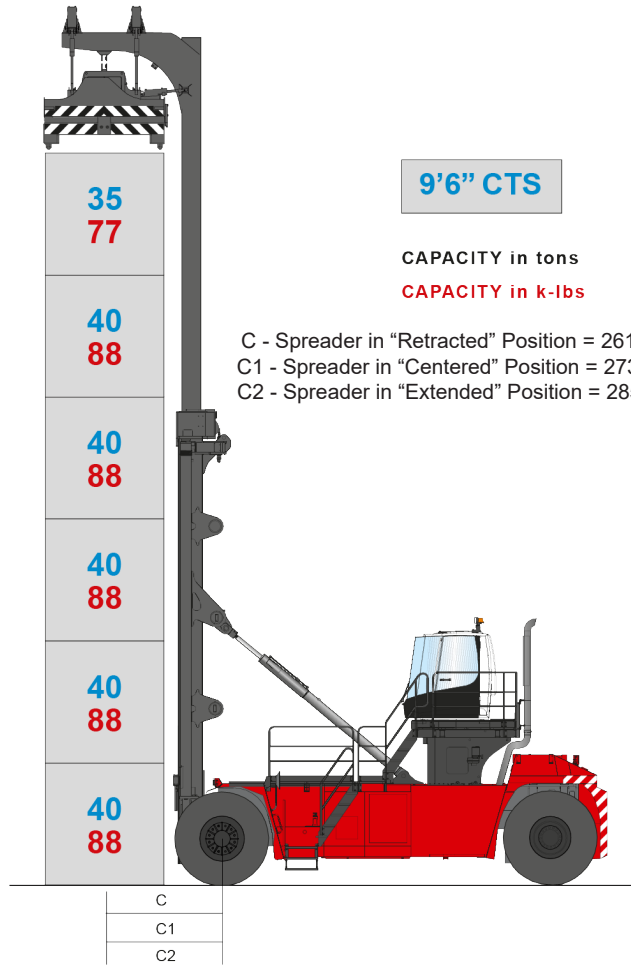
Loaded Container Truck Dimensions:

General	Model		Manufacturer's Designation		**GTX-886LC**	
	Rated Capacity	C	*Center of Load to Center of Axle*	in (mm)	101.3	2,573
		C1	*Center of Load to Center of Axle*	in (mm)	106.3	2,700
		C2	*Center of Load to Center of Axle*	in (mm)	111.0	2,819
			2-High Stacking	lb (kg)	88,000	39,916
			5-High Stacking	lb (kg)	88,000	39,916
	Wheelbase		Distance	in (mm)	256.0	6,502
	Power Type		Diesel		Diesel	
Dimensions	Tilt Angle		Standard Upright - FWD/Backward	Degrees	5° / 10°	
	Overall Dimensions		Overall Length to Face of Tire	in (mm)	338.2	8,590
		W1	Width (Over Drive Tires)	in (mm)	194.0	4,928
			Track - Front (Drive Axle)	in (mm)	149.0	3,785
			Steer Axle CL to Rear of Counterweight	in (mm)	44.8	1,138
		H3	Overall Height (Lowered)	in (mm)	425.2	10,800
		H5	Overall Height (Raised)	in (mm)	797.2	20,249
		H7	Height (Top of Seat - S.I.P.)	in (mm)	141.7	3,599
		H6	Height (Top of Overhead Guard/Cab)	in (mm)	185.4	4,709
		X	Center of Wheel to Face of Tire	in (mm)	37.4	950
		H2	Height to Tip of Twistlock (Lowered)	in (mm)	90.5	2,299
		H4	Height to Tip of Twistlock (Raised)	in (mm)	618.1	15,700
Attachment Dimensions	20-ft Container (6.1m)		Length of Attachment (Retracted)	in (mm)	238.0	6,045
	40-ft Container (12.2m)		Length of Attachment (Expanded)	in (mm)	480.0	12,192
	Nominal		Width of Attachment	in (mm)	96.0	2,438
			Slewing (3° Either End)	Degrees	6°	
			Pile Slope - Non-Powered (Each End)	Degrees	2°	
			Pile Slope - Hydraulic (Each End)	Degrees	4°	
	20-ft Container (6.1m)		Min. Aisle for 90-deg Stacking - 8-in Clearance	in (mm)	468.5	11,900
	40-ft Container (12.2m)		Min. Aisle for 90-deg Stacking - 8-in Clearance	in (mm)	457.2	11,613
			Sideshift	in (mm)	11.8	300
			Reach	in (mm)	4.7	119
	Minimum Distance		Face of Tire to Side of 8-ft Container	in (mm)	16.2	411
	Maximum with Reach		Face of Tire to Side of 8-ft Container	in (mm)	25.6	650
Turn Radius	Truck Only	R1	Minimum Outside (Tailswing)	in (mm)	330.7	8,400
		R2	Minimum Inside	in (mm)	23.6	599
Weight	Total Apprx. (Empty)		Standard Truck	lb (kg)	181,220	82,200
	Axle Loading		Static with Rated Load (Front)	lb (kg)	244,051	110,700
			Static with Rated Load (Rear)	lb (kg)	25,353	11,500
			Static with No Load (Front)	lb (kg)	118,608	53,800
			Static with No Load (Rear)	lb (kg)	62,611	28,400
	Wheels		Number (Front / Rear)		4 / 2	
	Tires		Number (Front / Rear)		4 / 2	
			Size (Front)		18.00 X 33 - 40 PR	
			Size (Rear)		18.00 X 33 - 40 PR	
	Ground Clearance	M1	Lowest Point	in (mm)	14.8	376
	Brakes		System Type		Wet Disc	
			Control Method (Service / Parking)		Foot / Hand	
			Operation Method (Service / Parking)		Hyd / Spring	
Misc.	Hydraulic Fluid		Tank Capacity (Pressurized)	gal (L)	171.7	650

GTX-886LC







9'6" CTS

CAPACITY in tons

CAPACITY in k-lbs

C - Spreader in "Retracted" Position = 2611 mm - 101.3 in.
C1 - Spreader in "Centered" Position = 2731 mm - 106.3 in.
C2 - Spreader in "Extended" Position = 2850 mm - 111.0 in.

Standard Features - GTX-886LC

- Two-stage mast with 6-high lift (9' 6" Loaded Containers)
- 20-40 ISO Container Handling Attachment, Chain Suspended, with reach, slew, side shift, guide arms and powered pile slope
- Accumulator in Lift Circuit
- CUMMINS X12 (335 Hp) - EU Stage 5, EPA CARB Tier 4F (Turbocharged)
- Dry-type air cleaner w/safety element & restriction indicator (vertical air intake extension with Precleaner)
- Dana TE-30 powershift transmission (5-speed forward / 3-speed reverse)
- Powertrain protection system for engine and transmission
- Kessler D-102W HD planetary drive axle with wet disc brakes
- Taylor welded steel steer axle with stud protectors
- 18.00 X 33 – 40PR bias pneumatic drive and steer tires

Chassis

- Welded high tensile steel chassis structure in accordance with EN 13001
- Bolted counterweight
- Lifting eyes, front and rear
- Dual side engine bay doors (both sides of machine), with anti-slip stairs for acess to cabin with handrails
- Steel front mudguards

Cab

- Climate Controlled operator cabin includes right hand and left hand access doors,with rear exit window, dome light and and two circulation fans.
- Cabin heater (40,000 BTU/h) with front and rear defrosting, cab pressurizer and fresh air intake
- Cabin air conditioning (cooling power 9kW or 30.000 BTU/h) with open door auto stop.
- Front, Rear, and Top Glass Wipers with Washers
- Air-suspended and heated seat with orange 3-point seatbelt
- Multifunction joystick mounted on adjustable arm rest (electronic spreader control with capacitive safety protection)
- Operator Presence System with timed idle and neutral shutdown
- 7-in touch screen color display with on-board diagnostics
- Dual interior rear-view mirrors; Dual fender mounted exterior mirrors
- Rear visibility aid camera system
- Electronic system to protect against overtipping and overloading
- All wiring is color and number coded.
- Operator Platform conforms to to ISO 6055 (FOPS) standards

Electrical

- Electrical system: 24 Volt (2 x 12 V / 200 Ah batteries)
- CAN BUS communication protocol
- Electronic system to protect against overtipping and overloading
- Double Electric Horns
- Keyswitch-actuated amber strobe light
- Reverse-actuated warning alarms
- High/low beam Front halogen head lights; Front halogen position lights
- Rear LED position lights, front/side/rear indicator lights w/hazard mode
- LED Rear stop lights and reverse lights
- 2x LED work lights on Spreader; 2x LED work lights on mast
- 4x LED front work lights on cabin
- Air Horn with 2-gal air tank (126 dBA)
- 12 V socket in the cab (max 20A converter)
- Camera with color screen for rear visibility

Vehicle Information Package

- Operators Guide
- Maintenance and Service documentation
- Safety Check Manual and Video

Fully Enclosed 2-Door Cab with Multiple Climate Control Configurations Available
(featured cab is shown with available options)

Ergonomic & Serviceable Joystick
(Standard)

Fully Adjustable Air Suspended and Heated Seat
(Standard)

Seven Inch Display
(Standard)

Adjustable, Ergonomic Armrest that is Independan from Seat
(Standard)

Industry's Toughest Steer Axle
(Standard)

Vehicle Information Package "VIP"
(Standard)

NEED OPTIONS?

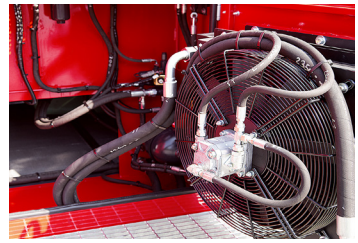
Just ask one of our Taylor Specialist.

Taylor Machine Works was founded on the promise of meeting our customer's needs. The signage on our original facility in 1927 stated "We Engineer and Build What You Need" and those ideals still ring true today! From multiple Mast, Carriage and Fork configurations to Special Attachments that are unique to your business, we will step forward to meet the challenge. We have a dedicated engineering group focused on meeting special request from our customers. This ensures that you have the exact equipment you need to tackle your rugged applications. With hundreds of options readily available for our trucks, and the ability to custom engineer any other need that arises, Taylor Machine Works is here ready to serve.

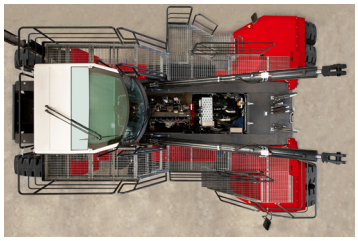
Durability and Service

Taylor Loaded Container Handlers are designed with ease of maintenance and serviceability as a key priority. With today's engine and emissions requirements, daily maintenance checks and timely periodic service are the key to your equipment's longevity. All GTX Loaded Container Handlers are certified by a major international third-party inspection and verification institute and are fully compliant with standard DIN 15018/H2 B4 Classes. This machine is engineered to resist the heaviest applications in the harshest environments. The GTX loaded container handler's modular design is utilized throughout the range. This design increases reliability and parts availability. The standard tilting cab provides complete access to the engine and transmission bays. To maximize service convenience, fluid level check and refill points are easily accessible by a wide and safe standing platform. By using CAN-BUS components, the electronics have been reduced to a minimum. They are safely enclosed in an IP67 proof casting, and the cabling is certified to -40 degree temperature.

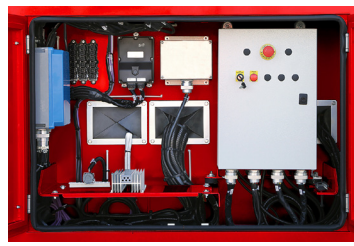
FOPS Compliant Top Glass
for optimal Optimal Driver Visibility
(Standard)



Large Hydraulic & Transmission
Oil Cooling System



Easy Acess to
Drive Train & Hydraulics



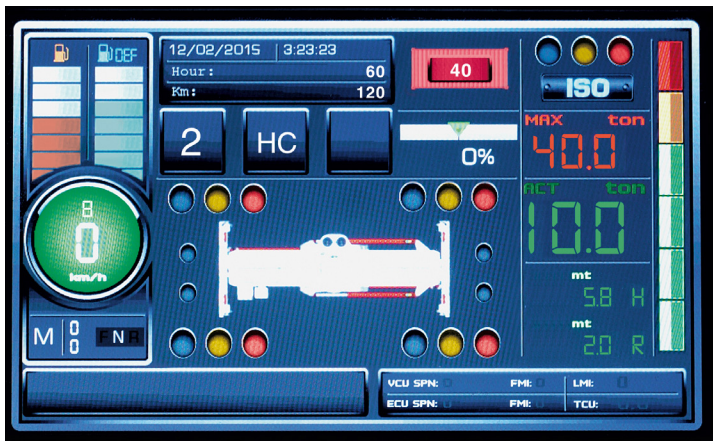
All-Weather Proof Connectors
and Junction Boxes
(Standard)

Hydraulics

The GTX-886LC incorporates electronic controlled hydraulics. Load sensing distribution valves, managed by the Sixth Sense software, react quicker to power demand and modulation than conventional systems. Sixth Sense is included in the standard Energy Savings Solutions (ESS) package that eliminates unnecessary fuel consumption without impairing productivity. Other standard features on the ESS package are smart engine RPM management, hydraulic driven aircon compressor, and cab temperature management as well as thermostatically controlled fans.

On Board Computer System

All the GTX machines are equipped with a powerful on-board computer that provides the driver with operational aids and enhanced safety awareness. The system also allows a detailed user-friendly diagnostic of the machine's main systems and records functional and operational events. The core of the system is its color, extra wide 7-inch display. Interaction with the system is made through the function buttons (located on the sides) and the navigation buttons (located on the bottom).



DISCLAIMER:
This vehicle is certified to meet the applicable design and performance criteria required for Powered Industrial Trucks in OSHA Safety and Health Standards, Title 29 CFR. Part 1910.178, and the applicable design and performance requirements in ANSI B56.1 that were in effect at the time of manufacture. These standards also apply to the user and should be adhered to while operating this vehicle.

All specifications are subject to change without notice. Some operating data may be affected by the condition of the vehicle, how it is operated and the nature and condition of the operating area. If these specifications are critical, contact the factory.

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24/7 Worldwide Support

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Unbeatable customer service, backed by over 90 years of customer satisfaction.

TAYLOR®

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