

INDUSTRIAL LIFT TRUCK SPECIFICATION SHEET

GT-60 & GT-66

GT-60 Capacity: 6,000-lbs @ 24" Load Center

GT-66 Capacity: 6,600-lbs @ 24" Load Center

TAYLOR



Featured truck is shown with optional equipment



TAYLOR MACHINE WORKS, INC.

Founded in 1927 on the principles of “FAITH - VISION - WORK”, Taylor lift trucks are entrenched with decades of material handling experience. The Taylor GT-Series features tier compliant engine technology. 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 GT-Series continues that tradition!

Performance (LPG): †

			GT-60		GT-66	
Travel Speed	Maximum Forward (No Load)	mph (km/h)	11.9	19	11.8	19
	Maximum Forward (With Load)	mph (km/h)	11.1	18	11.1	18
Lift Speed	No Load	fpm (m/s)	102.0	0.52	110.0	0.56
	With Load	fpm (m/s)	95.0	0.48	100.0	0.51
Lowering Speed	No Load	fpm (m/s)	98.0	0.50	84.0	0.43
	With Load	fpm (m/s)	106.0	0.54	98.0	0.50
Gradeability	No Load*	%	22.6		19.5	
	With Load*	%	29.0		24.5	
Drawbar Pull	No Load*	lb (kN)	2,443	11	2,335	10
	With Load*	lb (kN)	4,738	21	4,612	21
Service Brake			Wet Disc Brake		Wet Disc Brake	
Stability	Comply with ANSI		Yes		Yes	

*Assumes Traction Coefficient of .6

† 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.

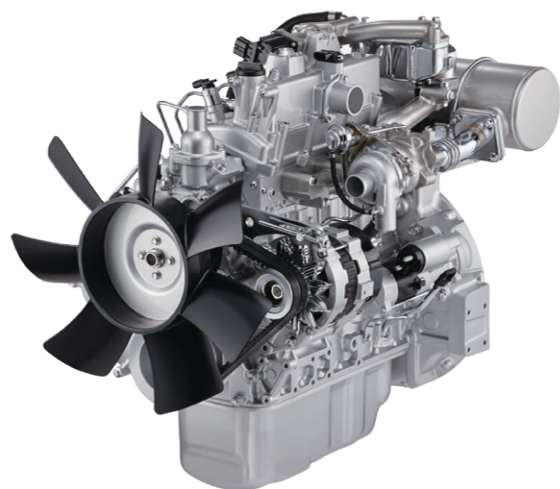
Performance (Diesel): †

			GT-60		GT-66	
Travel Speed	Maximum Forward (No Load)	mph (km/h)	14.7	24	15.5	25
	Maximum Forward (With Load)	mph (km/h)	13.8	22	14.7	24
Lift Speed	No Load	fpm (m/s)	108.0	0.55	98.0	0.50
	With Load	fpm (m/s)	98.0	0.50	89.0	0.45
Lowering Speed	No Load	fpm (m/s)	98.0	0.50	85.0	0.43
	With Load	fpm (m/s)	106.0	0.54	98.0	0.50
Gradeability	No Load*	%	17.1		17.5	
	With Load*	%	29.0		23.3	
Drawbar Pull	No Load	lb (kN)	1,525	7	1,803	8
	With Load	lb (kN)	4,359	19	3,988	18
Service Brake			Wet Disc Brake		Wet Disc Brake	
Stability	Comply with ANSI		Yes		Yes	

*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.

GT60 & GT66



Isuzu 2.2L Tier-4 Final

- 62 HP @ 2400 RPM
- 158 ft-lbs Torque @ 1800 RPM
- Diesel Oxidation Catalyst
- Cooled Exhaust Gas Recirculation
- Deep Sump Oil Pan
- Electric self-priming fuel lift pump
- No Diesel Particulate Filter
- No Regeneration (burn off) Cycles
- No UREA Additives (DEF)



HMC Theta 2.4L LPG Engine

- 65 HP @ 2500 RPM
- 136 ft-lbs Torque @ 1800 RPM
- Balanced LPG Tier-4 Compliant
- Dual Overhead Cam Engine
- Timing Chain: Increased durability and reduced maintenance cost
- Aluminum Block with Iron Sleeves & Aluminum Head
- 3-way Catalyst Muffler
- Available in Tier 0 configuration for use outside of the highly regulated countries

Engine:			Diesel	LPG	Intl. Only
Engine	Make & Model		† Isuzu 4LE2X	HMC Theta 2.4L	†† Yanmar 4TNE98
	Tier Compliance		Tier 4 Final	Tier Compliant	Tier 3
	Fuel - Engine Type		Diesel - 4 Stroke	LPG - 4 Cyl.	Diesel - 4 Stroke
	Output	hp (Kw)	62 46	65 48	59 44
	Gov'n Speed w/Load	RPM	2400	2500	2300
	Cyl/Displacement	cyl/cu-in (L)	4 133 2.2	4 144 2.4	4 202.5 3.3
Fluids	Fuel Capacity	gal (L)	0.0 0	*33-lb removable tank	0.0 0
Electrical	Battery	Volt	12	12	12

*(SAE J1995 Conditions) (*Tank NOT Included)

† This engine DOES NOT require(DEF) Diesel Exhaust Fluid. It features a (DOC) Diesel Oxidation Catalyst and cold start system with intake heater. Emission certification: US EPA Tier 4 Final. NOT Compatible with high sulfur diesel fuel. Sulfur content must be less than 0.10% (1000 ppm)

†† This engine DOES NOT require(DEF) Diesel Exhaust Fluid. Emission certification: 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.	Model	Auto Shift
	Number of Speeds	Fwd/Rev
	Clutch	Inching
	Gear Change	Column Mounted Shift

The single-speed automatic powershift transmission is modulated, fully reversing and features inching capability. Directional controls are actuated through a Column Mounted Shifter.

Axles:		
Drive Axle	Standard	Model
Steer Axle		Model

The bolted heavy-duty planetary drive axle utilizes wet disc brakes. The steer axle is a single hydraulic cylinder design with heavy-duty links from the cylinder ram directly to tapered roller bearing mounted spindles.

Lift Truck Dimensions:								
General	Model	Manufacturer's Designation			GT-60		GT-66	
	Capacity		Rated Capacity	lb (kg)	6,000	2,722	6,600	2,994
	Load Center		Distance	in (mm)	24.0	610	24.0	610
	Wheelbase	G1	Distance	in (mm)	66.9	1,699	66.9	1,699
	Power Type		Diesel or LPG		Diesel & LPG available		Diesel & LPG available	
Dimensions	Upright Lift	D1	Lift Height (Ground to Top of Fork)	in (mm)	130.0	3,302	125.0	3,175
	Forks		Thickness	in (mm)	1.75	44	2.0	51
			Width	in (mm)	5.0	127	5.0	127
			Length	in (mm)	42.0	1,067	42.0	1,067
			Freelift	in (mm)	4.3	109	4.5	114
	Tilt Angle	D8	Standard Upright - FWD/BWD	Degrees	6° / 10°		6° / 10°	
	Overall Dim.	D9	Length to Face of Forks	in (mm)	109.7	2,786	111.2	2,824
		D10	Width (Standard Tires)	in (mm)	49.2	1,250	49.2	1,250
			Width (Standard Fork Spread)	in (mm)	41.0	1,041	45.0	1,143
		D14	Overall Height (Lowered)	in (mm)	87.9	2,233	85.8	2,179
		D15	Overall Height (Raised)	in (mm)	178.0	4,521	173.0	4,394
		D16	Coupling Height	in (mm)	14.2	361	14.2	361
		D17	Seat Height	in (mm)	44.8	1,138	44.8	1,138
		D18	Height (Top of Guard)	in (mm)	85.8	2,179	85.8	2,179
	Load Distance	D19	Center of Wheel to Face of Forks	in (mm)	18.7	475	18.9	480
	Turning Radius	R1	Minimum Outside	in (mm)	97.6	2,479	98.8	2,510
		R2	Minimum Inside	in (mm)	8.9	226	10.4	264
	Aisle Width		(Add Load Length for 90° Stacking)	in (mm)	116.3	2,954	117.7	2,990
Weight	Total Apprx.		Standard Truck	lb (kg)	8,898	4,036	9,370	4,250
	Axle Loading		Static with Rated Load (Front)	lb (kg)	13,554	6,148	14,464	6,561
			Static with Rated Load (Rear)	lb (kg)	1,958	888	2,180	989
			Static with No Load (Front)	lb (kg)	3,186	1,445	3,058	1,387
			Static with No Load (Rear)	lb (kg)	5,712	2,591	6,312	2,863
Wheels & Tires	Tire Type		Cushion & Pneumatic (Front / Rear)		Pneumatic / Pneumatic		Pneumatic / Pneumatic	
	Wheels		Number (Front / Rear)		2 / 2		2 / 2	
	Tires		Number (Front / Rear)		2 / 2		2 / 2	
			Size (Front)		28 X 9 X 15 - 14PR		28 X 9 X 15 - 14PR	
			Size (Rear)		6.50 X 10 - 12 PR		6.50 X 10 - 12 PR	
	Tread	W1	Center of Tires (Front)	in (mm)	40.5	1,029	40.5	1,029
			Center of Tires (Rear)	in (mm)	35.6	904	35.6	904
	Ground Clearance	W3	Lowest Point (Loaded)	in (mm)	5.9	150	5.9	150
		W4	Center of Wheelbase	in (mm)	6.50	165	6.50	165
	Brakes		System Type		Wet Disc		Wet Disc	
			Control Method (Service / Parking)		Foot / Hand		Foot / Hand	
	Misc.	Sound Level		dB	79.0		79.0	
		Relief Pressure		For Attachments	psi (bar)	Adjustable		Adjustable

GT-60 Mast/Upright:	OA Lowered		OA Raised		Free Lift	
---------------------	------------	--	-----------	--	-----------	--

2-Stage Mast:

130" Max Fork Height	Standard	in (mm)	87.9	2,233	178.0	4,521	4.3	109
146" Max Fork Height	Optional	in (mm)	97.2	2,469	191.0	4,851	4.3	109
152" Max Fork Height	Optional	in (mm)	100.2	2,545	200.0	5,080	4.3	109

Triple-Stage Mast:

189" Max Fork Height	Standard	in (mm)	85.8	2,179	237.0	6,020	37.8	960
205" Max Fork Height*	Optional	in (mm)	91.3	2,319	253.0	6,426	43.3	1,100
217" Max Fork Height*	Optional	in (mm)	97.2	2,469	265.0	6,731	49.2	1,250

HiLo Freelif Mast:

128" Max Fork Height	Standard	in (mm)	85.8	2,179	176.0	4,470	37.8	960
139" Max Fork Height	Optional	in (mm)	91.3	2,319	187.0	4,750	43.3	1,100
148" Max Fork Height	Optional	in (mm)	97.2	2,469	196.0	4,978	49.2	1,250

* Wide-track drive wheel (standard tire) is required on 205" and 217" MFH triple stage uprights – overall truck width increases to 52.4" (1331 mm) on the GT60 ...Std. width is 49.2"

GT-66 Mast/Upright:	OA Lowered		OA Raised		Free Lift	
---------------------	------------	--	-----------	--	-----------	--

2-Stage Mast:

125" Max Fork Height	Standard	in (mm)	85.8	2,179	173.0	4,394	4.5	114
141" Max Fork Height	Optional	in (mm)	97.2	2,469	189.0	4,801	4.5	114
147" Max Fork Height	Optional	in (mm)	100.1	2,543	195.0	4,953	4.5	114

Triple-Stage Mast:

182" Max Fork Height	Standard	in (mm)	85.8	2,179	230.0	5,842	35.8	909
198" Max Fork Height*	Optional	in (mm)	91.3	2,319	246.0	6,248	43.3	1,100
210" Max Fork Height*	Optional	in (mm)	97.2	2,469	258.0	6,553	49.2	1,250

* Wide-track drive wheel (standard tire) is required on 198" and 210" MFH triple stage uprights – overall truck width increases to 52.4" (1331 mm) on the GT66 ...Std. width is 49.2"

Note: Overall raised heights are shown with standard Load Backrest

Carriage Dimensions:

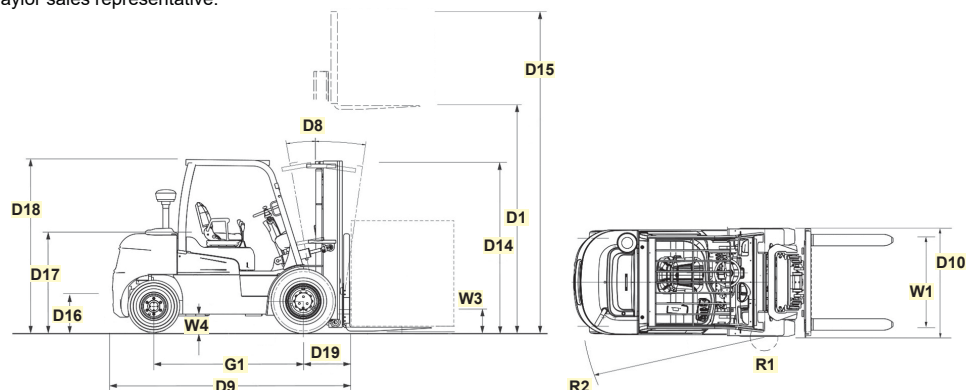
Carriage (GT-60)	Standard	in (mm)	41.0	1,041	Hook Type ITA Class III - STD w/ 48" (H) backrest			
	Optional	in (mm)	45.0	1,143	Hook Type ITA Class III - STD w/ 48" (H) backrest			
	Optional	in (mm)	49.0	1,245	Hook Type ITA Class III - STD w/ 48" (H) backrest			
	Optional	in (mm)	61.0	1,549	Hook Type ITA Class III - STD w/ 48" (H) backrest			
Carriage (GT-66)	Standard	in (mm)	45.0	1,143	Hook Type ITA Class III - STD w/ 48" (H) backrest			
	Optional	in (mm)	49.0	1,245	Hook Type ITA Class III - STD w/ 48" (H) backrest			
	Optional	in (mm)	61.0	1,549	Hook Type ITA Class III - STD w/ 48" (H) backrest			

Dimension references "Standard Fork Spread"

Fork Dimensions:

Forks (GT-60)	Standard	in (mm)	1.75	44	Thickness			
		in (mm)	5.0	127	Width			
		in (mm)	42.0	1,067	Length			
Forks (GT-66)	Standard	in (mm)	2.00	51	Thickness			
		in (mm)	5.0	127	Width			
		in (mm)	42.0	1,067	Length			

Optional fork or special attachments may effect the rated capacity of the standard truck and could require additional equipment. Any optional fork or attachment requirement should be discussed with your Taylor sales representative.



Standard Features: GT-60 & GT-66

- 130" Max Fork Height 2-Stage Mast (87.9-in lowered height) GT-60
- 125" Max Fork Height 2-Stage Mast (85.8-in lowered height) GT-66
- 41-in Hook Type Class III Carriage (with Load Backrest) GT-60
- 45-in Hook Type Class III Carriage (with Load Backrest) GT-66
- Hydraulic Cushioning Valve facilitates silent staging and reduces shock and vibration
- Carriage features (6) load and side thrust rollers (shimmable, sealed and canted)
- 1.75-in X 5-in X 42-in pin mounted Forks GT-60
- 2.0-in X 5-in X 42-in pin mounted Forks GT-66
- HMC Theta 2.4L Tier-4 Final 4-Cylinder Engine (Diesel is available)
- Donaldson style dry-type air cleaner w/safety element & restriction indicator
- Single Speed Powershift Transmission with Inching
- Powertrain Protection System for engine and transmission
- HD planetary Drive Axle with Wet Disc Brakes
- Fully Boxed Welded Steer Axle (single hydraulic cylinder design with heavy-duty links from the cylinder ram directly to tapered roller bearing mounted spindles)
- 28 X 9 X 15 Pneumatic Single Drive tires
- 6.00 X 10 Pneumatic Steer tires



Isolation Mounted Open Operator Base with Overhead Guard
Partial and Fully Enclosed Cabs Also Available (Optional)

Chassis

- Heavy Duty All-welded Steel frame
- Integral counterweight
- Easy lift clamshell hood made of durable reaction injection plastic opens to expose drive train for ease of maintenance.
- Hood latch is simple with no mechanical linkage to wear
- All hardware is oil impregnated zinc dichromate to prevent rust
- Upright/Mast is trunnion mounted to the axle
- Low open step for ease of entry
- Coupler Pin



Easy Lift Clamshell Hood
(Service & Inspection can be performed from ground level)



Donaldson Style Air Cleaner with
Safety Element

Cab

- Isolation mounted open operator base with overhead guard (includes dual brake pedal, dome light, wide angle mirrors, handrails and full rubber black floor mats).
- Adjustable Black Vinyl Covered Full Suspension Seat (Seat has 6" fore and aft travel, adjustable back rest, 2.4" vertical travel, and lumbar support. Also has Operator weight range adjustability.)
- Column mounted directional control with no linkage - FWD/REV selected by moving lever up and down
- Hood mounted hydraulic control levers
- Operator Restraint System (Orange, anti-cinch seat belt)
- Dual operator presence systems will not allow transmission to engage and will not allow hydraulics to engage unless operator is in the seat.
- Interactive LCD Dash Display with audible warnings for low fuel, transaxle oil temperature, parking brake and seat belt. Visual displays for transmission temperature, engine oil pressure, alternator, fuel system, seat belt reminders, turn signals, gear selected, maintenance timer, fuel levers, and travel speeds. (Includes Fault Code Storage)
- Two pedal hydraulic inch brake provides excellent control and comfort
- Infinitely adjustable steering column that pivots 30 degrees above knee
- Hood mounted ratchet style park brake disengages transmission when applied



Two Pedal Hydraulic Inching & Brake
and Moulded Rubber Floormat



Hood Mounted Hydraulic Control Levers
and Ratchet Style Hand Brake

Electrical

- 12-volt electrical system
- Heavy-duty battery
- Utilizes all environmentally sealed wire connectors
- Key-type electronics switch with key start
- Electric horn
- Keyswitch-actuated amber strobe light
- Reverse actuated warning alarm

Vehicle Information Package

- Operator's Guide
- Maintenance and Service Documentation
- Safety Check Manual and Video



Heavy Duty Steer Axle Mounted on Rubber Isolators.
Toughest Steer Axle Profile Available



Adjustable Black Vinyl Mechanical Suspension Seat.
Features Adjustable Weight Range



Adjustable Steering Column
Pivots 30 Degrees



Durable Nested I-beam Design
Yields Optimal Visibility



Weather Sealed High Visibility LCD Diagnostic Display
Includes Fault Code Storage and is Password Protected

Ergonomics

- Two spoke steering wheel with spinner knob (tilts above the knee)
- Large electronic directional control with no linkage- FWD/REV selected by moving lever up and down
- Large oversized right lever operates turn signals and headlights
- Large welded grab bar handle for solid secure mount
- Hood mounted hydraulic control levers angled at 15 degrees back for precise driver operation
- Hood mounted ratchet style park brake disengages transmission when applied

Uprights & Carriages

- Nested I-beam upright design
- Canted load rollers
- Silent staging upright cylinders allows no racking between stages
- Negative drop rails provide easy and inexpensive servicing of carriage
- Spherical bushings on both ends of the tilt cylinders
- 6-roller carriages
- External side thrust rollers
- Heavy duty roller chain
- Load back rest pallet protection
- Fully greaseable pivot points

Overhead Guard

- One piece provides strength and durability
- Longitudinal overhead bars for better sightline when load is up
- Low cowl height for greater visibility when load is in lowered position
- Two forward mounted 12V work lights with protective guards are standard
- Rear combination lights (brake, tail and back-up) are standard
- Interior and exterior mirrors are standard

Steer Axle

- Heavy duty steer axle incorporates integral double steer cylinder
- Single piece steer knuckles supported by tapered roller bearings which provide high durability and low maintenance
- Full hydrostatic operation reduces mechanical links and eliminates kick back
- Mounted on rubber isolator

Available Options

- Fully featured cabs (with or without A/C)
- Partial cab with front windshield wiper
- Solid Tires (Single or Dual Drive)
- AM/FM radio / Bluetooth option with cab
- Side shifters & Fork Positioners
- Belly guards
- LED Lights
- Accumulators
- Swing-down LPG tank brackets
- Lifting eyes for stevedoring applications
- Additional accessory valves

NEED SPECIAL OPTIONS?

Just ask one of our Taylor Specialist.

Taylor Machine Works was founded on the promise of meeting our customer's needs. The sign 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. 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.

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.



www.taylorsuddenservice.com

24/7 Worldwide Support

Taking Care of Our Customers is Priority One!

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



Taylor Machine Works, Inc.
3690 North Church Avenue
Louisville, MS 39339
www.taylorbigred.com