

LARGE IC CUSHION

PAPER ROLL SPECIAL



INDUSTRIAL EQUIPMENT

REACH NEW HEIGHTS

PAPER, HANDLED

- ▶ 12000 lb. Capacity
- ▶ Enhanced Dust & Debris Filtration
- ▶ Specialized Counterweight
- ▶ 20% More Fuel Efficient



8FGC55U-PRS

CLASS
4

INTERNAL COMBUSTION ENGINE CUSHION TIRE

ToyotaForklift.com

PAPER ROLL HANDLING, PERFECTED

THE TOYOTA PAPER ROLL SPECIAL FORKLIFT. The product: Heavy, awkward, easily damaged. The environment: Dusty, dirty, did we mention dusty? Paper handling presents exacting demands. The Paper Roll Special meets them, safely and efficiently. Equipped to stack and maneuver heavy paper rolls, it's the perfect solution for paper mills, printing plants, newspaper production and similar applications. Paperwork? Done.

PAPER ROLL SPECIAL ADVANTAGES

- ▶ **FACTORY-INSTALLED CASCADE PAPER ROLL CLAMP** option is designed specifically for handling heavy, delicate paper rolls
- ▶ **CLAMP RELEASE INTERLOCK** option prevents accidental release of clamp
- ▶ **AUTOMATIC CLAMP LEVELING** positions clamp vertical to paper roll, improving efficiency and productivity, and limiting product damage
- ▶ **SPECIALIZED MAST DESIGN** and lift height allows for stacking large paper rolls up to three high
- ▶ **SHORTENED WHEELBASE, LOAD DISTANCE & RIGHT-ANGLE STACKING RADIUS** for greater maneuverability
- ▶ **COMPACT COUNTERWEIGHT** for additional maneuverability



FILTERS OUT DUST & DEBRIS

▶ **LARGE RADIATOR & COOLING FAN** handle damp, humid paper- and pulp-processing environment

▶ **ENGINE & RADIATOR FILTRATION SYSTEMS** are designed to keep out excess dust and debris common in paper-handling applications

▶ **POWERFUL 3.7 LITER, 4-CYLINDER TOYOTA-BUILT ENGINE** is designed to increase productivity and fuel efficiency, particularly in a 24/7 paper mill

▶ **ENGINE PROTECTION SYSTEM** automatically reduces power if coolant temperature rises to potentially damaging levels



CAPACITY
12000 LBS.

WHEELBASE
70.5 IN.

LOAD CENTER
24 IN.

INDUSTRIES



Paper

STANDARD FEATURES

DURABILITY

- Control Area Network (CAN-bus) communication
- Fully stamped steel side panels
- Full-floating front axle
- Moisture-resistant electric connectors
- High cooling capacity radiator
- Low-maintenance battery
- Large-capacity engine cooling fan
- 8" cyclone air cleaner
- Plate-iron front fenders
- Anti-restart ignition key switch
- Stamped steel engine hood
- Radiator screen
- External hydraulic oil cooler

SAFETY

- System of Active Stability™ (SAS)
- Operator Presence Sensing System (OPSS)
- Bolt-on overhead guard
- Key lowering interlock
- Electric horn
- Neutral start safety switch
- Conventional headlights
- Orange forks

PERFORMANCE

- EPA/CARB-certified engine
- Toyota 3.7 liter, 4-cylinder, OHV gasoline engine (1FS)
- Electronic fuel injection
- Distributorless ignition system
- Automatic clamp leveling
- UL-approved model type "LP"
- Full-floating powertrain
- Limited free-lift 2-stage mast (V)
- Hydraulic valve lifters
- Integrated monitoring system – includes:
 - Digital hour meter display
 - Engine coolant temperature gauge
 - Check engine light
 - Engine oil pressure warning light
 - Battery charge warning light
 - OPSS activation light
 - SAS/OPSS warning light
- Adjustable headlights with guards
- Double action parking brake (hand)
- Alternator with built-in regulator (GOA)
- Automatic transmission with oil cooler
- Load-sensing power steering
- Integrated headlight & turn signal lever
- Electric shift control
- Speed control
- Engine protection system
- Hydraulic system tuned for clamping attachments

ERGONOMICS

- Dash-mounted instrument display
- 11.8"-dia., 2-spoke steering wheel
- Load-sensing power steering
- Cowl-mounted hydraulic control levers with rubber boot covers
- 12"-long dual operator assist grips
- Heavy-duty non-slip rubber floor mat
- Low, wide entry steps
- Low-profile front cowl
- Vinyl 4-way adjustable full-suspension seat
- Dash-integrated amenity tray & oversized cup holder
- Non-cinching seatbelt
- Slim profile, tilt steering column

SERVICEABILITY

- Easy access no tools required floorboard
- Engine hood assist damper with lock device
- Air cleaner discharge valve
- Dash-mounted brake fluid level check
- Easy-lift engine hood with wide 75° opening
- Easy access to common service items such as filters & dipsticks

OPTIONAL EQUIPMENT

- Multifunction digital display
- Intelli-Shift
- Mini-lever controls with ErgoShift
- Synchronized steering
- EZ Pedal foot directional control
- Combination brake & inching pedal
- Steering wheel with knob
- Hydraulic accumulators — 1 or 2 quarts
- Front combination lights
- High-mount rear combination lights
- Strobe lights
- LED front headlights
- LED rear combination lights
- LED rear work light
- LED reverse-activated rear work light
- Cloth 4-way adjustable full-suspension seat
- Swivel seat
- Orange seatbelt
- Box fin radiator
- Pre-cleaner for air intake
- Rearview mirrors
- 12-Volt power supply
- Rear assist grip with horn button
- Back up alarms
- 5-way hydraulics

TRUCK SPECIFICATIONS

MODEL NUMBER

GENERAL DATA				8FGC55U-PRS	
Load Capacity		lb (kg)		12000 (5500)	
Load Center		in (mm)		24 (600)	
Power Type				LPG	
Operator Position				Seated Rider	
Tire Type	Front / Rear			Cushion / Cushion	
Wheels (x = driven)	Front / Rear			2x / 2	
EXTERIOR DIMENSIONS				8FGC55U-PRS	
Maximum Fork Height (top of forks)		in (mm)		N/A	
Free-Lift (top of forks)		in (mm)		N/A	
Fork Size (T x W x L)		in (mm)		No Forks	
Fork Spread Max. / Min. (outer edge to edge)		in (mm)		46.1 (1170) / 11.8 (300)	
Tilt Range (forward / backward)		deg		5 / 6	
Length to Fork Face		in (mm)		N/A	
Overall Width		in (mm)		55.9 (1420)	
Mast Lowered Height		in (mm)		86.6 (2200)	
Mast Extended Height (top of load backrest)		in (mm)		174.6 (4435)	
Overhead Guard Height		in (mm)		83.5 (2120)	
Turning Radius (inside / outside)		in (mm)		93.5 (2380)	
Load Distance		in (mm)		N/A	
Basic Right-Angle Stacking Aisle Width		in (mm)		—	
PERFORMANCE DATA				8FGC55U-PRS	
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	13.0 (21.0) / 13.0 (21.0)	
		No Load	mph (km/h)	13.0 (21.0) / 13.0 (21.0)	
	Lifting	Full Load	fpm (mm/sec)	85 (430)	
		No Load	fpm (mm/sec)	87 (440)	
	Lowering	Full Load	fpm (mm/sec)	102 (520)	
		No Load	fpm (mm/sec)	93 (470)	
Drawbar Pull	Maximum	Full Load	lb (kg)	9900 (4500)	
		No Load	lb (kg)	3300 (1500)	
Gradeability ¹	1 mph (1.5 km/h)	Full Load	%	25	
		Full Load	%	34	
	Maximum	No Load	%	18	
TRUCK WEIGHTS				8FGC55U-PRS	
Total Weight		lb (kg)		17220 (7810)	
Weight Distribution	Full Load (front / rear)	lb (kg)		25140 (11460) / 4080 (1850)	
	No Load (front / rear)	lb (kg)		5800 (2630) / 11420 (5180)	
TIRES				8FGC55U-PRS	
Tires	Number (front / rear)			2 / 2	
	Size	Front		22 x 12 x 16	
		Rear		18 x 8 x 12-1/8	
Wheelbase		in (mm)		70.5 (1790)	
Tread Width (front / rear)		in (mm)		43.9 (1115) / 43.5 (1105)	
Underclearance (full load)	Minimum with Load	in (mm)		3.3 (85)	
	Center of Wheelbase	in (mm)		5.7 (145)	
Brake	Service (foot) / Parking			Hydraulic / Hand	
POWER SYSTEM				8FGC55U-PRS	
Battery (5-hour rating)		V / Ah		12 / 48	
Internal Combustion Engine	Make / Model			TOYOTA 1FS	
	Rated Horsepower @ rpm	SAE HP		89 @ 2550	
		(kW)		(66 @ 2550)	
	Rated Torque @ rpm	SAE ft-lb		210 @ 1200 - 1400	
		(N-m)		(290 @ 1200 - 1400)	
	Number of Cylinders			4	
Piston Displacement	cu in (cc)		224 (3685)		
Fuel Tank Capacity	US gal (liter)		—		
Transmission	Type		Automatic		
	Speeds (forward / reverse)		1 / 1		
Auxiliary Hydraulic Function Specifications (for attachments) ²	Max. Operating Pressure	psi (kg/cm ²)		2630 (185)	
	Max. Flow Rate	gpm (lpm)		33.8 (128)	

¹ Computed values. Performance of LPG fuel system may be less than performance of standard model shown.

² Values taken at Hydraulic Control Valve. Does not take in to consideration losses through mast plumbing (hosing, fittings, QDs, etc.).



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COUNT ON THE LEADER

- ▶ Toyota leads in quality, durability, reliability and value, thanks to advanced technology and the world-renowned Toyota Production System.
- ▶ With the broadest and most complete set of material-handling solutions in the industry, Toyota Dealers specialize in meeting all of your needs — from a single forklift to an entire fleet.
- ▶ Toyota's industry-leading network of dealers backs every forklift with proven product support. Resources include factory-trained service technicians, Toyota Genuine Parts, and flexible leasing and financing packages through Toyota Commercial Finance.

- ▶ Toyota forklifts have ranked No. 1 in safety and quality since 2002, according to studies conducted by Peerless Research Group.

For more information, including full specs, see your Toyota Dealer or ToyotaForklift.com.

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Some product features described herein are optional. Please consult your dealer for specifications. Details of specifications and equipment are based on information available at time of printing and may change without notice.