



# 8FGC55U-PRS

## PAPER ROLL SPECIAL SPECIFICATIONS



The new 8-Series paper roll special model offers several features specific to the paper handling industry.

- **Clamp release interlock system** works to help prevent accidental activation of the release lever.
- **Automatic clamp leveling** feature quickly levels the clamp vertical to the paper roll.
- **Shortened wheelbase, load distance, and right angle stacking radius** makes the lift truck more nimble and compact for greater maneuverability.
- **Special counterweight** built with a cast iron enclosure specially shaped to reduce paper roll contact. This design provides: better weight distribution, lower center of gravity and improved truck stability.

## Standard Features

### PERFORMANCE

- EPA/CARB certified engine
- Distributorless ignition system
- Automatic fork leveling
- UL approved model type "LP"
- Full floating powertrain
- 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
- Hydraulic valve lifters
- Adjustable headlights with guards
- Alternator with built-in regulator (60A)
- Automatic transmission with oil cooler
- Load sensing power steering

### DURABILITY

- Control Area Network (CAN-bus) communication
- Fully-stamped steel side panels
- 8" cyclone air cleaner
- Plate iron front fenders
- Stamped steel engine hood
- Moisture resistant electric connectors
- High cooling capacity radiator
- Large capacity engine cooling fan

### ERGONOMICS

- Dash mounted instrument display
- 11.8" diameter two-spoke steering wheel
- 12" long dual operator assist grips
- Heavy-duty non-slip rubber floor mat
- Low wide entry steps
- Low profile front cowl
- Non-cinching seat belt
- Dash integrated amenity tray and oversized cup holder
- 4-way adjustable vinyl full-suspension seat
- Slim profile, tilt steer column

### SERVICEABILITY

- Easy access no-tools floorboard
- Engine hood assist damper with lock device
- Dash mounted brake fluid level check
- Easy lift engine hood with wide 75 degree opening

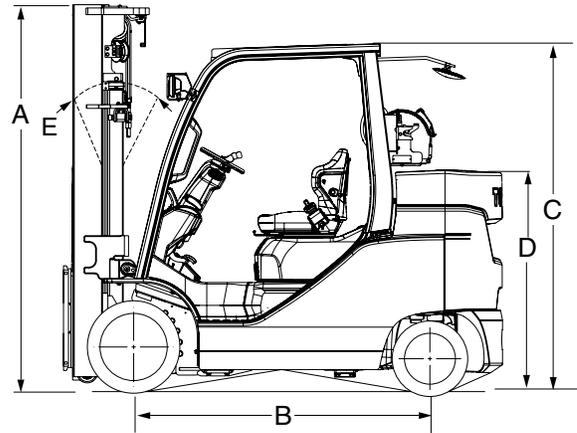
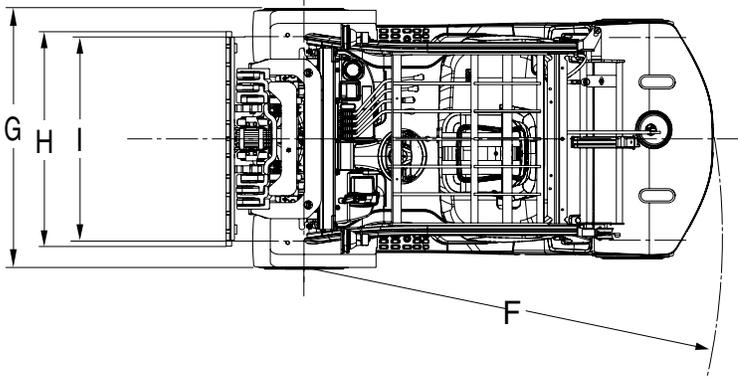
### SAFETY

- System of Active Stability™ (SAS)
- Operator Presence Sensing System (OPSS)
- Bolt-on overhead guard
- Key lowering interlock
- Electric horn
- Speed control (technician programmable)

### Optional Equipment

- Travel Speed/Acceleration Control System
- Multifunction digital display
- Intelli-Shift
- Mini-lever controls with Ergo-Shift
- Synchronized steering
- EZ-Pedal foot directional control
- Combination brake and inching pedal
- Steering wheel with knob
- Hydraulic accumulator
- Front combination lights
- High mount rear combination lights
- Strobe lights
- LED front headlights
- LED rear work light
- LED rear combination lights
- LED reverse activated rear work light
- 4-way adjustable cloth full-suspension seat
- Swivel seat
- Orange seat belt
- Box fin radiator
- Pre-cleaner for air intake
- Rear-view mirrors
- 12 Volt power supply
- Rear assist grip with horn button
- Back-up alarms
- 5-way hydraulics

# 8FGC55U-PRS • Specifications



8FGC55U-PRS shown above

## MAIN SPECIFICATIONS

Model		8FGC55U-PRS	
Load Capacity (at 24" Load Center)	lbs.	12,000	
Body/Frame Construction		Welded steel body and frame	
Steering Type		Load sensing power steering	
Brakes		Hydraulic (hand)	
Transmission	Type	Powershift reverse-phase type 2 stator torque converter	
	Speed (fwd/rev)	1 / 1	
Engine	Make/Model	TOYOTA 1FS	
	Type	4-cyl. 3.7L OHV (gasoline)	
Piston Displacement	cu. in.	224	
Rated Horsepower - Net rpm	SAE HP	89 @ 2,550	
Rated Torque - Net rpm	SAE ftlb.	210 @ 1,200-1,400	

## EXTERIOR DIMENSIONS

A	Mast Lowered Height	in.	86.6
B	Wheelbase	in.	70.5
C	Overhead Guard Height	in.	83.5
D	Counterweight Height	in.	53.3
E	Tilt Range (forward/backward)	deg.	5 / 6
F	Outside Turning Radius	in.	93.5
G	Overall Width	in.	55.9
H	Carriage Width	in.	46
I	Tread	front/rear	Std. in. 43.9 / 43.5

Note: Values based on truck configured with 187.5FSV Mast, without forks and without load backrest.

## TRUCK WEIGHT

Gross Weight (empty) lb.		lb.	17,220
Weight Distribution	front - full load	lb.	25,140
	rear - full load	lb.	4,080
	front - no load	lb.	5,800
	rear - no load	lb.	11,420

Note: Values based on truck configured with 187.5FSV Mast, without forks and without load backrest.

## MAST SPECIFICATIONS

Mast Type	Maximum Fork Height (top of forks)	Overall Height		Free Lift Carriage Only	Tilt Range		Load Capacity at 30 in. Load Center Standard Tread
		Lowered	Extended Carriage Only		FWD	BWD	
		in.	in.	in.	in.	deg.	deg.
FSV	160	81.1	191.9	45.7	5	6	9,000
	171.5	85.6	203.7	50.2	5	6	9,000
	187.5	92.1	219.4	56.7	5	6	9,000
	199	98.0	231.3	62.6	5	6	9,000
	211	99.6	243.1	64.2	5	6	9,000
	219	102.4	251.0	66.9	5	6	9,000
	238.5	115.8	270.7	80.3	5	6	8,750

Note: Capacities based on truck configured with Cascade 90F-RCS-21C paper roll clamp. Derates may vary depending on paper roll clamp selection.

## PERFORMANCE DATA

Maximum Travel Speed	forward - full load	m.p.h.	13
	reverse - full load	m.p.h.	13
	forward - no load	m.p.h.	13
	reverse - no load	m.p.h.	13
Lift Speed	full load	f.p.m.	85
	no load	f.p.m.	87
Lowering Speed	full load	f.p.m.	102
	no load	f.p.m.	93
Max. Drawbar Pull	full load	lb	9,900
	no load	lb	3,300
Max Gradeability	full load	%	34
	no load	%	18

## HYDRAULIC SYSTEM

Lever Type	Function No.	Flow (gpm)	Pressure (psi)
Cowl-Mounted Hydraulic Levers	3rd	17	2,290
	4th	5.1	
	5th	17	
Electronic Mini-Levers	3rd	17	2,290
	4th	17	
	5th	5.1	

## UNDERCLEARANCE

Min. with Load	in.	3.3
Center of Wheelbase	in.	5.7

## TIRES

Type (front/rear)	Cushion / Cushion	
Size	Drive	22X12X16
	Steer	18x8x12-1/8



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.