

RT-706J & RT-708J Rough-Terrain Forklifts



Pure Power: Ingersoll-Rand RT-700J Forklifts.

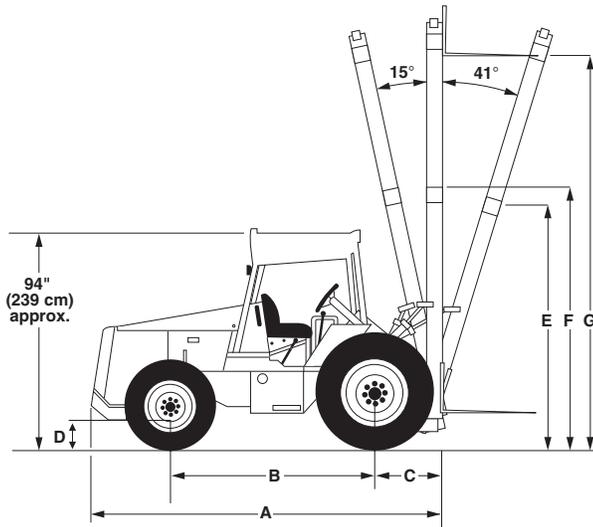
When it comes to strength and agility, look no further than the Ingersoll-Rand RT-700J Series. These rugged forklifts offer the industry's best power-to-weight ratio, a state-of-the-art full powershift transmission, and an 80-hp John Deere engine enabling you to power through the most rugged of environments.

Engineered with high-quality components, the RT-700J forklifts thrive on the toughest jobsites. Choose from a variety of options, and rest assured that your Ingersoll-Rand rough-terrain forklift is backed by years of reliable performance in heavy construction, rental services, lumber and agriculture operations, and industrial storage yards.



RT-706J & RT-708J Rough-Terrain Forklifts

Specifications



MODEL*	15-FT MULTI-VIEW	22-FT MULTI-VIEW	22-FT FREE LIFT
Type Stage Roller	2	3	3
Capacity (RT-706J) @ 24 in LC			
lb-ft	6,000 – 15	6,000 – 15	6,000 – 15
(kg-m)	(2727 – 4.57)	(2727 – 4.57)	(2727 – 4.57)
lb-ft		3,300 – 22	3,300 – 22
(kg-m)		(1497 – 6.71)	(1497 – 6.71)
Capacity (RT-708J) @ 24 in LC			
lb-ft	8,000 – 15	8,000 – 15	8,000 – 15
(kg-m)	(3636 – 4.57)	(3636 – 4.57)	(3636 – 4.57)
lb-ft		4,400 – 22	4,000 – 22
(kg-m)		(1996 – 6.71)	(1818 – 6.71)
Mast Tilt Forward	41°	41°	41°
Mast Tilt Back	15°	15°	15°
E Lowered Height — 41° Tilt – in (mm)	103 (2616)	103 (2616)	103 (2616)
F Lowered Height — Vertical – in (mm)	127 (3226)	127 (3226)	127 (3226)
G Max Fork Height – in (mm)	180 (4572)	264 (6706)	264 (6706)
Lift speed @ 2,500 rpm – fpm (m/min)	140 (43)	150 (46)	125 (38)
Free Lift – in (mm)	—	—	91 (2311)
Mast Side Shift – in (mm)	+ / - 3 (76)	+ / - 3 (76)	+ / - 3 (76)

*RT-706J and RT-708J, unless otherwise specified.

OPTIONS

- Auxiliary hydraulic control
- All-weather cab complete with front wiper
- Cab options include floor mat, dome light, heater, defroster, rear wiper, inside rear-view mirror
- Vandal protection package
- 110 / 120-volt engine block heater
- Full gauge instrument panel
- Road lighting package includes work lighting package, turning signals, 4-way flashers
- Work lighting package includes 2 front and 1 rear work lights
- Pintle hitch

www.irco.com

(877) IR BRAND

MODEL

RT-706J & RT-708J

SIZE / DIMENSIONS

A Overall Length – in (cm)		158 (401)
B Wheelbase – in (cm)		84 (213)
C Reach: Drive Axle To Carriage Face – in (cm)		34 (87)
D Ground Clearance – in (cm)		9 (23)
Overall Width (RT-706J) – in (cm)		84 (213)
Overall Width (RT-708J) – in (cm)		85 (216)
Tread Width Drive Tires – in (cm)		65 (165)
Tread Width Steering Tires – in (cm)	2-Wheel Drive	69 (175)
	4-Wheel Drive	71 (180)
Curb Turning Radius – in (cm)	2-Wheel Drive	161 (409)
	4-Wheel Drive	165 (419)
Steering Wheel Turns Stop-to-stop	2-Wheel Drive	4
	4-Wheel Drive	4
Operating Weight w/o Mast (RT-706J) – lb (kg)	2-Wheel Drive	9,500 (4318)
	4-Wheel Drive	9,700 (4450)
Operating Weight w/o Mast (RT-708J) – lb (kg)	2-Wheel Drive	11,270 (5122)
	4-Wheel Drive	11,600 (5273)

ENGINE

John Deere 4045 Diesel	Direct injection
4-Cylinder – cu in (cm ³)	275 (4500)
Horsepower – hp	80
Max Torque @ 1,400 rpm – ft-lb (Nm)	218 (296)

TRANSMISSION

2-Wheel Drive & 4-Wheel Drive	3-speed powershift transmission, single-stage torque converter with foot-operated dump, operator-engaged steering axle drive
-------------------------------	--

DRIVE AXLE

Inboard planetary with dual, hydraulically operated, wet disc brakes; hydraulic differential lock

STEER AXLE

2-Wheel Drive	Heavy-duty industrial axle
4-Wheel Drive	Heavy-duty outboard planetary

STEERING

Hydrostatic power steering with load-sensing orbital steering valve

TIRES

Steer Tires	2-Wheel Drive	11L x 16 (12 PR) F3
	4-Wheel Drive	12 x 16.5 NHS (10 PR)
Drive Tires (RT-706J)		16.9 x 24 (10 PR) R4
Drive Tires (RT-708J)		18.4 x 24 (12 PR) R4

ELECTRICAL

Negative Ground – volts	12
Battery – CCA	900
Back-up Alarm – dBA	107
Alternator – amps	61

SYSTEM CAPACITIES

Cooling – qt (L)	20 (19)	
Crank Case – qt (L)	15.9 (15)	
Transmission – qt (L)	2-Wheel Drive	18 (17)
	4-Wheel Drive	14 (13)
Drive Axle – qt (L)		9 (8.5)
Fuel Tank – gal (L)		21 (79)
Hydraulic System – gal (L)		21 (79)

HYDRAULIC SYSTEM

Gear Type Pump – gpm (L/min)	20.8 (78) @ 2,500 rpm
Flow Divider – gpm (L/min)	6 (23), integral
Return Line Filter	10 micron, spin-on element
Control Valve – psi (bar)	3-spool, 3,000 (207)

Product improvement is a continuing goal at Ingersoll-Rand. Designs and specifications are subject to change without notice or obligation.

 **Ingersoll-Rand**®