



SRC840

Rough Terrain Crane



KEY FEATURES

- With a power rating of 160hp, the T4F U.S. Cummins engine features both power and economy.
- The load sensing, constant horsepower piston pump combined with an electronic proportional controlled main control valve system provides smooth, powerful functionality. The dynamic swing brake system features accurate control and excellent inching performance.
- The load moment indicator system consists of a third wrap sensor, length and angle sensors, lift cylinder pressure sensors, and a real-time display of crane operating parameters. The system provides a real-time display with overload warning, cutout and programmable height limiter to guarantee safety and reliability.

Max Rated Lifting Capacity

40T/10 ft 36 mT/3.5m

Max Boom Length

155.5 ft 47.4m

Max Lifting Moment

840 ft kips 1139 kNm

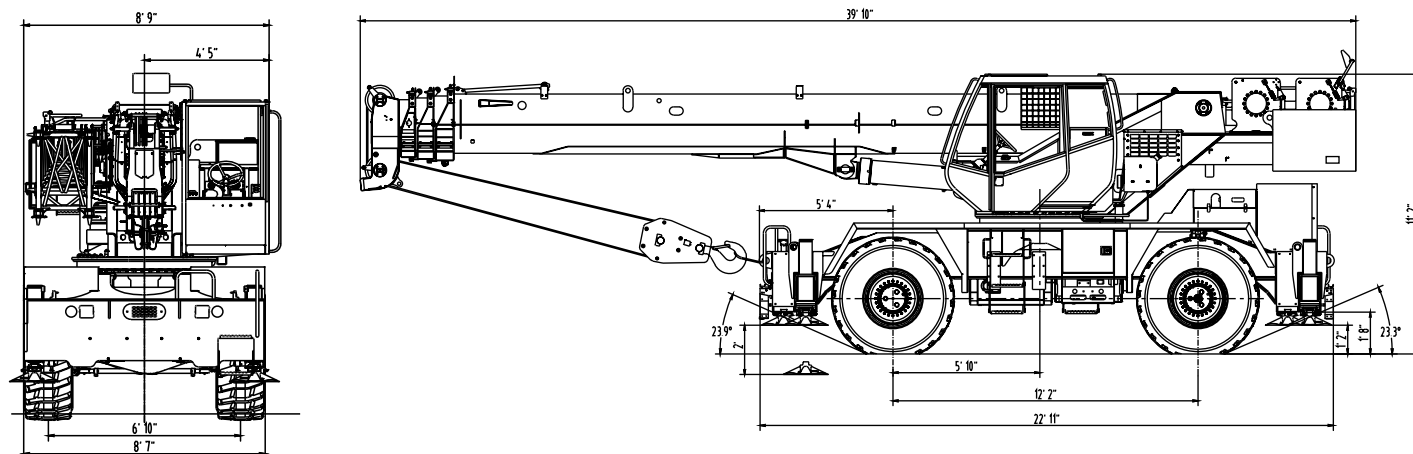
Max Grade Ability

100%

Engine emission

T4F

SRC840 Dimensions & Specifications



MACHINE PARAMETERS

	Standard	Metric
Outrigger span (center to center)	20.1 ft.	6150mm
Engine model	Cummins QSB6.7	
Rated power of engine	160 hp/2500 rpm	119kw
Rated torque of engine	540 lbf.ft/1500 rpm	732 Nm
Emission standard	Emission standard Tier 3	
Max. traveling speed	25 mph	40 kpm
Overall mass	71,209 lb	32,300 kg
Front axle load	36,685 lb	16,640 kg
Rear axle load	34,524 lb	15,660 kg
Min. turning radius (2 wheels/4 wheels)	40.0 ft/20.3 ft	12.2m/6.2m
Min. ground clearance	16"	400 mm
Approach angle	23.9°	
Departure angle	23.3°	
Braking distance (15 mph)	29.2 ft	8.9m
Fuel consumption	4.3 mpg	55L/100 km

MACHINE PARAMETERS

	Standard	Metric
Max. lifting speed of single rope of main winch (empty load)	459 ft/min	140 m/min
Max. lifting speed of single rope of auxiliary winch	459 ft/min	140 m/min
Full extension/retraction time of boom	55 sec/39 sec	
Luffing time of boom	43 sec/57 sec	
Max. slewing speed	2.7 rpm	
Full extension/retraction time of outrigger	31 sec/31 sec	
Fully lifting/descending time of outrigger	25 sec/25 sec	
Maximum rated lifting capacity	40 T	36 mT
Minimum rated reach	10.0 ft	3.5 m
Base boom	840 ft kips	1139 kNm
Fully extended boom	548 ft kips	743 kNm
Fully extended boom + jib	414 ft kips	652 kNm
Lifting height - Maximum tip height	155.5 ft	47 m
Base boom	42.3 ft	12.9 m
Fully extended boom	111.2 ft	33.9 m
Fully extended boom + jib	155.5 ft	47.4 m
Boom length	103.4 ft	31.5 m
Fitting angle of jib	0°\15°\30°	

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Courtesy of CraneMarket