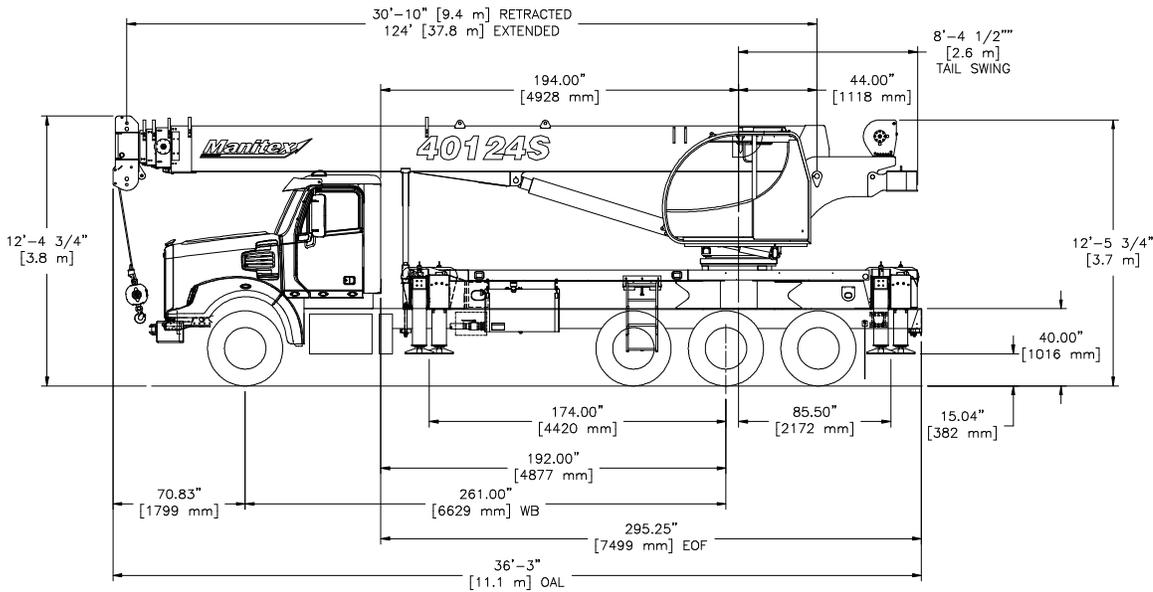
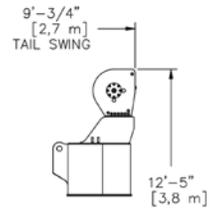


TC400 SERIES CHASSIS DATA: S MODELS

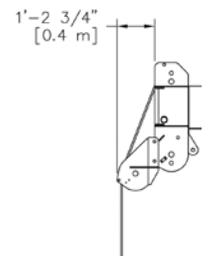
TC400 Series S Dimensions



Auxiliary Winch



Auxiliary Sheave Head



CHASSIS DATA

S Models	
Wheel Base (WB)	261 in. (6,639 mm)
Cab to Tandem (CT)	192 in. (4,877 mm)
Cab to End of Frame (EOF)	295 in. (7,493 mm)
Nominal frame W	34 in. (864 mm)
Frame section modulus at 180/360° area of operation*	25.0 in ³ , 110,000 psi, 758,422 kPa

* Frame selection modulus at 360° area of operation requires front bumper stabilizer.

TRUCK AXLE WEIGHTS

Model	4077S	40100S	40124S
Front axle (GW)	18,000 lbs. (8,165 kg)	18,000 lbs. (8,165 kg)	20,000 lbs. (9,072 kg)
Rear axle	40,000 lbs. (18,144 kg)	40,000 lbs. (18,144 kg)	40,000 lbs. (18,144 kg)
Min. truck axle W - Front**	8,000 lbs. (3,629 kg)	8,000 lbs. (3,629 kg)	9,200 lbs. (4,173 kg)
Min. truck axle W - Rear**	8,300 lbs. (3,765 kg)	8,300 lbs. (3,765 kg)	8,300 lbs. (3,765 kg)

** Minimum chassis weight is required to meet 85% stability requirements. Chassis data is general - not for engineering. Some dimensions depend on truck selection.

CRANE WEIGHTS

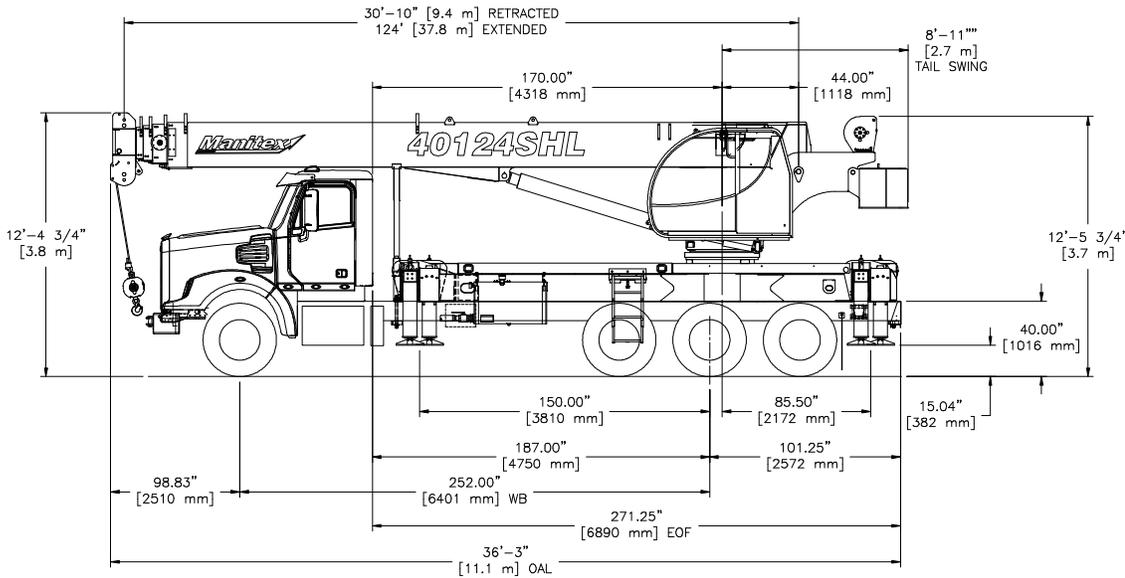
Model	4077S	40100S	40124S
Crane	28,895 lbs. (13,107 kg)	30,965 lbs. (14,045 kg)	32,385 lbs. (14,690 kg)
Jib fixed	830 lbs. (376 kg)	830 lbs. (376 kg)	830 lbs. (376 kg)
Jib telescopic	1,720 lbs. (780 kg)	1,720 lbs. (780 kg)	1,720 lbs. (780 kg)
Flatbed 8 ft.	825 lbs. (374 kg)	825 lbs. (374 kg)	825 lbs. (374 kg)
Flatbed 10 ft.	1,000 lbs. (454 kg)	1,000 lbs. (454 kg)	1,000 lbs. (454 kg)

Notes: Additional axles required for federal bridge legal configuration - consult Manitex. Manitex highly recommends the addition of a front stabilizer and it may be required on some installations - consult Manitex.

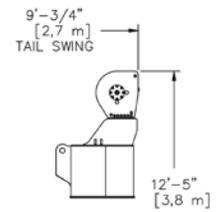
Data published herein is intended as a guide only. Crane operation is subject to machine specific load charts and information.

TC400 SERIES CHASSIS DATA: SHL MODELS

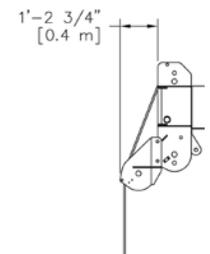
TC400 Series SHL Dimensions



Auxiliary Winch



Auxiliary Sheave Head



CHASSIS DATA

SHL Models	
Wheel Base (WB)	252 in. (6,401 mm)
Cab to Tandem (CT)	187 in. (4,750 mm)
Cab to End of Frame (EOF)	271 in. (6,883 mm)
Nominal frame length	34 in. (864 mm)
Frame section modulus at 180/360° area of operation*	25.0 in ³ , 110,000 psi 758,422 kPa

* Frame selection modulus at 360° area of operation requires front bumper stabilizer.

TRUCK AXLE WEIGHT

Model	4077SHL	40100SHL	40124SHL
Front axle (GW)	20,000 lbs. (9,072 kg)	20,000 lbs. (9,072 kg)	20,000 lbs. (9,072 kg)
Rear axle	44,000 lbs. (19,958 kg)	44,000 lbs. (19,958 kg)	44,000 lbs. (19,958 kg)
Min. truck axle weight - Front**	9,800 lbs. (4,445 kg)	9,800 lbs. (4,445 kg)	9,800 lbs. (4,445 kg)
Min. truck axle weight - Rear**	8,000 lbs. (3,629 kg)	8,000 lbs. (3,629 kg)	8,000 lbs. (3,629 kg)

** Minimum chassis weight is required to meet 85% stability requirements. Chassis data is general - not for engineering. Some dimensions depend on truck selection.

CRANE WEIGHTS

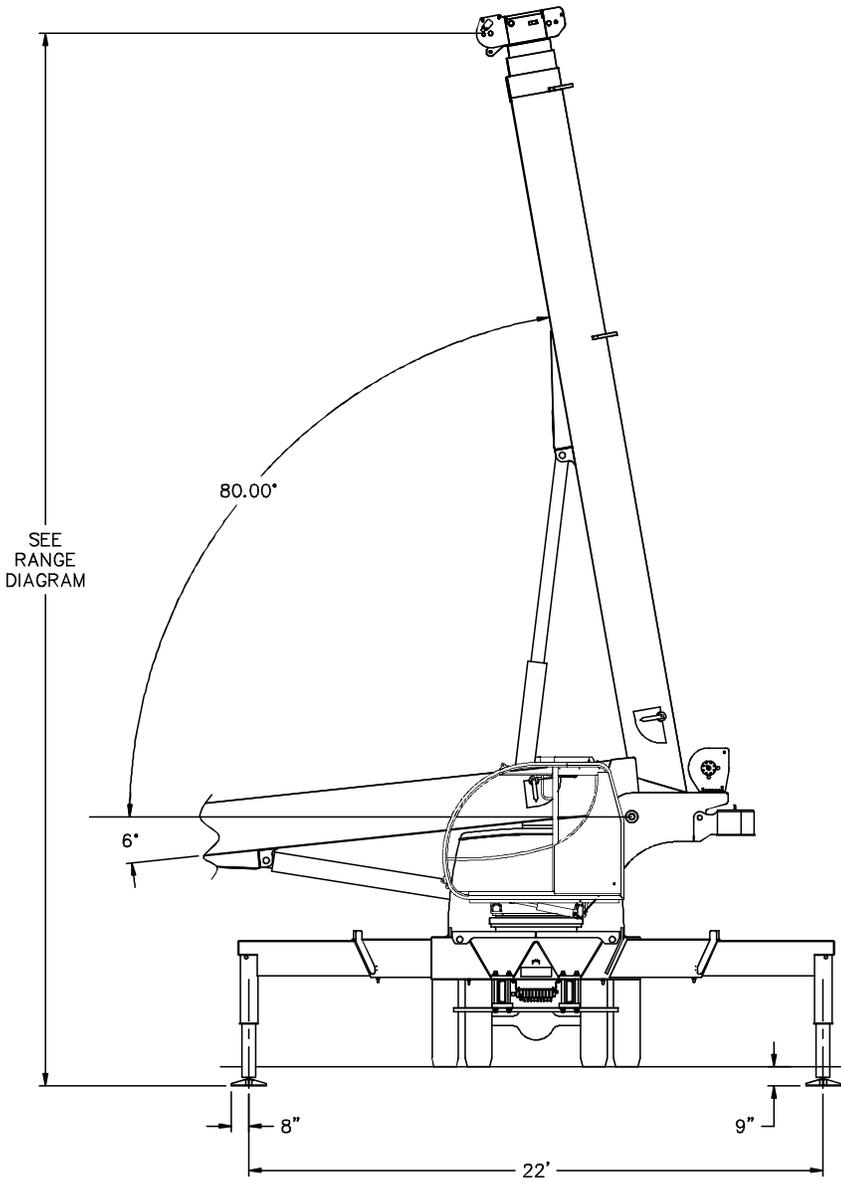
Model	4077SHL	40100SHL	40124SHL
Crane	34,995 lbs. (15,873 kg)	37,065 lbs. (16,812 kg)	38,485 lbs. (17,457 kg)
Jib fixed	830 lbs. (376 kg)	830 lbs. (376 kg)	830 lbs. (376 kg)
Jib telescopic	1,720 lbs. (780 kg)	1,720 lbs. (780 kg)	1,720 lbs. (780 kg)
Flatbed 8 ft.	825 lbs. (374 kg)	825 lbs. (374 kg)	825 lbs. (374 kg)
Flatbed 10 ft.	1,000 lbs. (454 kg)	1,000 lbs. (454 kg)	1,000 lbs. (454 kg)

Notes: Additional axles required for federal bridge legal configuration - consult Manitex. Manitex highly recommends the addition of a front stabilizer and it may be required on some installations - consult Manitex.

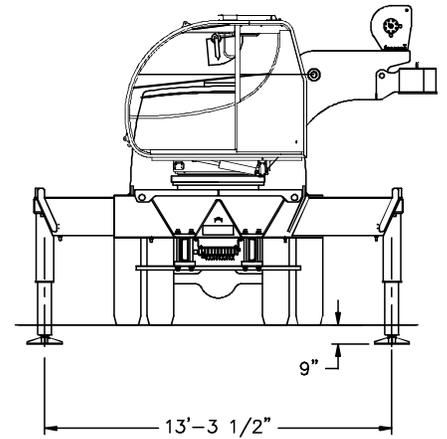
Data published herein is intended as a guide only. Crane operation is subject to machine specific load charts and information.

OUTRIGGER EXTENSION

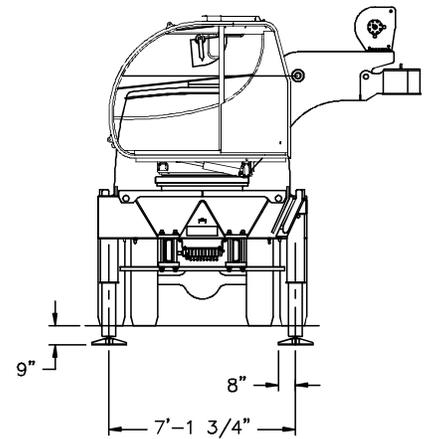
Full Extension



Middle Extension



Full Retraction



SUB FRAME

- Pedestal sub-frame and stabilizers are mounted to chassis by threaded rods and clamp plates
- Sub-frame: Torsion resistant, rigid 4-plate design mounted under crane full length of truck frame
- Rear under-ride protection: Standard on factory mounted cranes

ELECTRICAL SYSTEM

- State-of-the-art, weather-resistant components throughout
- Hermetically sealed enclosure includes power in relays and circuit status LEDs

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