



## 50128SHL

### STANDARD COMPONENTS INCLUDE:

Boom, boom rest, boom hoist cylinder, 2-speed winch, load line & 5 ton (4,5 mt) overhaul ball, turret with 6,400 lb (2,903 kg) counterweight, ride-around operator control station with enclosed cab, cab heater, wired LMI & ATB protection systems, sub-frame with integrated radio remote controlled outriggers, single front stabilizer, aluminum deck with fixed access ladders, removable aluminum ladder, 3-section pump, hydraulic reservoir and oil cooler.

### HYDRAULICS

- 8-Bolt direct mounted PTO with SAE C output (factory mounted units only)
- Three section vane pump, SAE C input

Pump Section	2000 RPM	2000 RPM
Shaft End Pump:	41.67 GPM @ 100 PSI	158 LPM @ 100 PSI
Center Pump:	35 GPM @ 100 PSI	133 LPM @ 100 PSI
Cover End Pump:	11.67 GPM @ 100 PSI	44 LPM @ 100 PSI

- Hydraulic reservoir - 150 gallon (568 liter) capacity

### OPTIONS

- Bridge legal options available - consult ManiTex
- Intermediate & long subframe options for NO front stabilizer configuration - consult ManiTex
- Three-section gear pump, SAE C input
- 32' [9,8 m] - 49' [14,9 m] 2 - Section telescopic jib; 0°, 15 °, 30 ° offset positions
- Auxiliary winch same as main, includes rooster sheave
- Auxiliary lower sheave block for 9 to 10 part line
- 3rd Wrap limiter, main and auxiliary winch
- Loadblock - 1, 3, 4 & 5 sheave options

### BOOM

- 50 Ton (45,4 mt) capacity @ 6' (1,8 m) radius
- 4-Section 128' (39 m) proportional boom
- 6-Sheave quick reeve boom point

### HOIST

- Maximum theoretical line speed 453 fpm (138 mpm)
- Maximum theoretical bottom-layer line pull 13,396 lb (6,076 kg)
- Wire Rope – 500' (152,4 m), 5/8" (15,9 mm) diameter rotation resistant, Flex X-35

### WARNING SYSTEMS

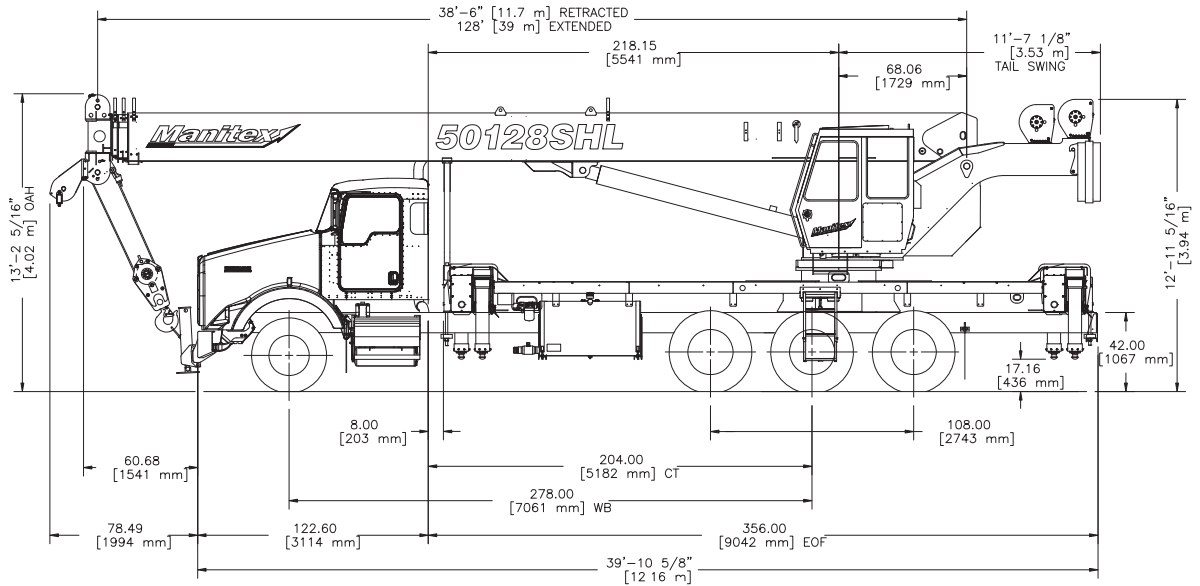
- Wired LMI with crane function shut-offs for overload protection
- Graphical display
- Event recorder
- WADS - Work Area Definition System
- Wired anti-two block system

*In order to ensure continuous improvement, ManiTex reserves the right to change design and specifications without notice.*

- Cab air conditioner (hydraulic)
- Toolboxes
  - 24" L x 20" W x 18" H (610 mm x 508 mm x 457 mm)
  - 48" L x 18" W x 18" H (1220 mm x 457 mm x 457 mm)
- 2-Person gravity leveled non-rotating basket - 600 lb (272 kg) capacity
- 2-Person gravity leveled rotating (manual) basket – 1,200 lb (544 kg) capacity
- 2-Person gravity leveled rotating (manual) quick attach basket – 1,200 lb (544 kg) capacity
- 4-Function radio remote crane control system 900 MHz
- 4-Function radio remote crane control system 433 MHz

Notes:  
Additional axles  
required for federal  
bridge legal  
configuration - Consult  
Manitex

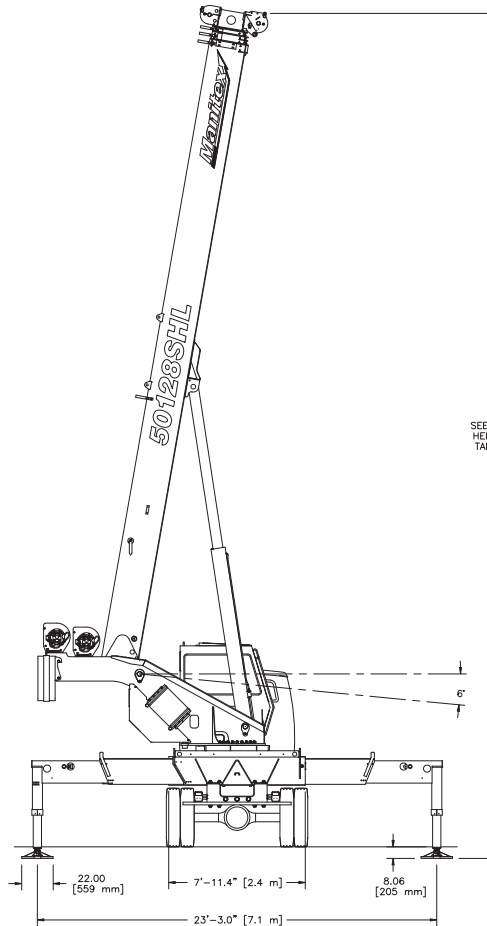
Manitex highly  
recommends addition  
of a front stabilizer and  
may be required on  
some installations -  
Consult Manitex



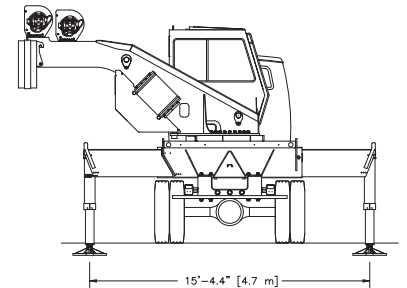
CHASSIS DATA	50128SHL
Wheelbase (WB)	278" 7 061 mm
Cab to Tandem (CT)	204" 5 181 mm
Cab to End of Frame (EOF)	360" 9 144 mm
Frame Section Modulus	27.0 in <sup>3</sup> (442.5 cm <sup>3</sup> ) 110,000 psi 758 423 kPa
Front Axle Gross Weight Rating	20,000 lb 9 071 kg
Rear Axle Gross Weight Rating	40,000 lb 25 401 kg
Minimum Truck Axle Weight - Front*	11,100 lb 5 034 kg
Minimum Truck Axle Weight - Back* Includes weight of 13.2k lift axle	12,500 lb 5 670 kg
Nominal Frame Width	34" 864 mm
<small>Chassis data depict typical requirements only, not for engineering. Consult Manitex for a chassis evaluation &amp; approval prior to ordering your truck for your specific application. *Minimum chassis weight is required to meet 85% stability requirements.</small>	

WEIGHTS	50128SHL
Crane (Includes Cab and Platforms)	45,100 lb 20 457 kg
Cab	575 lb 261 kg
Aluminum Platforms	620 lb 281 kg
32' (9,72 m) to 49' (14,94 m) Telescopic Jib	1,870 lb 848 kg

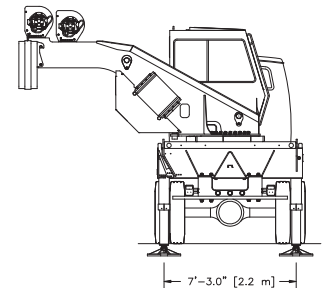
MAXIMUM TIP HEIGHT (A)	50128SHL
Configuration	Boom 128' 39,0 m
Extended Boom	136'-7" 41,6 m
Retracted Jib	168' 51,2 m
Extended Jib	184'-9" 56,3 m



FULL SPREAD



INTERMEDIATE SPREAD



RETRACTED SPREAD