

# Specifications

# TL156A

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## PERFORMANCE

Working height, max.	164 ft
Platform height, max.	157 ft 5 in
Working height, 882 lbs platform capacity	-
Platform height 882 lbs platform capacity	-
Horizontal outreach, max. (882 lbs)	-
Horizontal outreach, max. (441 lbs)	56 ft 1 in
Horizontal outreach, max. (176 lbs)	56 ft 7 in
Up and over clearance, max.	86 ft 11 in
Platform capacity, max.	441 lbs
Jib, movable	-
Platform, rotatable	180 °
Turntable rotation, max.	450 °
To be jacked up on ground slope of	16,7 ° / 30,0 %
Track drive, height- and width-adjustable	1 ft 7 in / 1 ft
Gradeability, max.	16,7 ° / 30,0 %
Slope angle, max.	16,7 ° / 30,0 %
Travel speed, max.	1.0 mph

## MEASUREMENTS\*

Platform (height) (A)	3 ft 7 in
Platform (length) (B)	5 ft 11 in
Platform (width) (C)	2 ft 7 in
Length (D)	30 ft 8 in
Length without platform (E)	27 ft 8 in
Height (F)	6 ft 5 in
Width, min. (G)	5 ft 2 in
Ground clearance, max. (H)	1 ft 10 in
Track (length x width) (I)	9 ft 10 in x 1 ft 3 in
Stabilizer footprint both side wide (length) (J)	24 ft 11 in
Stabilizer footprint both side wide (width) (K)	16 ft 6 in
Stabilizer footprint one side narrow (length) (L)	32 ft 1 in
Stabilizer footprint one side narrow (width) (M)	13 ft 9 in
Stabilizer plate (length x width)	1 ft x 10 in

## WEIGHT\*

Total weight	29762 lbs
Live load in travelling position	102,3 psf
Live load in working position	81.4 psf
Point load per outrigger plate, max.	18,209 lbf

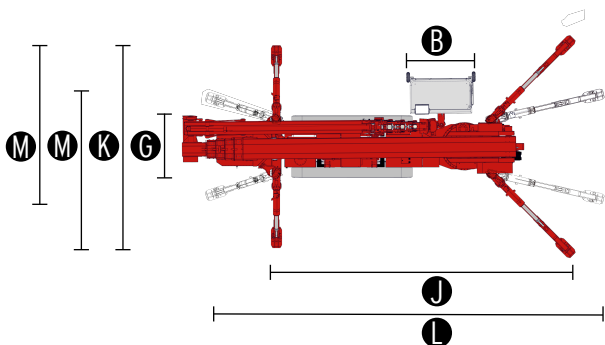
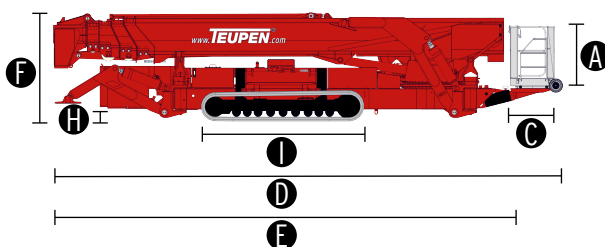
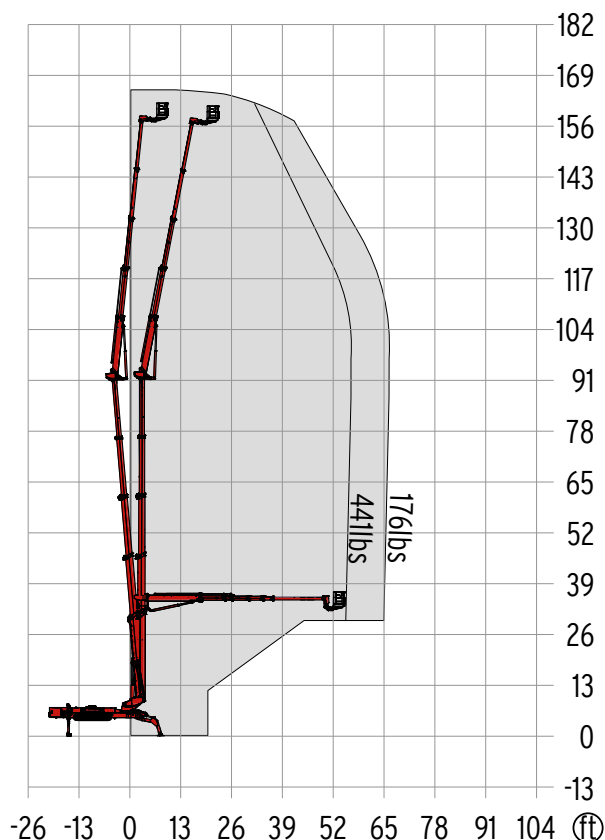
## POWER SOURCES

Standard power sources:

■ Electric motor	(400 V, 15,7 A, 7,5 kW)
■ Combustion engine (Diesel)	Kubota V2203-M (35,9 kW / 48,1 hp)
Fuel tank capacity (Diesel engine)	21.1 gal

## POWER SUPPLY

Electric current, max.	400-460 V / 32 A
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## STANDARDS



EN ISO 9001



ANSI/SIA A92.5-2006  
section 4 & CSA  
B354.1-2004  
"Design & manufacture criteria"

\* The technical data may deviate +/- 3 % from the specified values.

\* Weight and dimensions may vary depending on options and accessories.

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# Features

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## CHASSIS

- Powerful track drive with hydraulic braking system
- Precise manoeuvring via sensitive remote control
- White, non-marking rubber tracks with specially arranged profile for optimal grip
- Hydraulically height- and width-adjustable crawler track drive

## STABILIZATION

- Electrohydraulic stabilizers with automatic levelling and ground pressure sensor system
- Variable stabilization system with one side narrow setup option

## BOOM SYSTEM

- Telescopic lower and upper boom
- Boom system made of steel/aluminium boom tubes
- Height cut-off for boom system, 2 set points
  - First set point fixed at 147 ft 7 in, second is selectable
- All functions available via radio remote control
- Stepless, electrical proportional control system with intuitive operation
- Robust, lockable control panel
- Parallel guided platform with electro hydraulic levelling
- 180° platform rotation for additional flexibility
- Turntable rotation via high-performance slewing ring, worm gear and hydraulic motor
- Platform changing system

## POWER SOURCE

- Electric motor (400 V, 15,7 A, 7,5 kW)
- Diesel engine Kubota V2203-M (35,9 kW / 48,1 hp)
- Start-stop device for combustion engine in the platform

## PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via electric pump
- Power socket in the platform (115 V / 13 A)
- Detachable platform, attachment points for safety harnesses and tool tray
- Drive operation without platform possible
- Lockable storage box
- Protected, internal power track for platform control
- Hydraulic system filled with biodegradable hydraulic oil
- High-quality paint in RAL 3020 (red)
  - Hydraulic cylinders in RAL 9006 (grey)
- Unlockable check valves located directly on hydraulic cylinders
- Hydraulic system protected by pressure relief valves
- Hydraulic tank, emergency control, connecting cables and hoses are mounted protected
- Cable remote control as complete control panel for bottom connection, including storage box
- Hour meter
- Fuzzy control technology

## OPTIONS\*

- Custom paintwork, one colour, according to RAL scheme
  - (except metallic coatings, signal- or special colours)
- Custom paintwork, two colours, according to RAL scheme
  - (except metallic coatings, signal- or special colours)
- Platform including load limit device (47.3" x 31.5")
  - Only in combination with platform support
- Detachable platform support for platform (47.3" x 31.5")

## ACCESSORIES\*

- Safety harness
- 4 sliding pads (43" x 15.4" x 1.6")
- Storage frame for sliding pads, lockable
- Track mat (78.8" x 31.5" x 0.6")
- Platform including load limit device and platform support (70.9" x 31.5")

## CONTACT

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\* Weight and dimensions may vary depending on options and accessories.

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