

Bridge Service Lifts

BSL100-21

- 16'L x 8'W Work Platform expands to 14'W
- 21' Platform Reach
- 36" Expanding Platform Sides
- Front/Rear Gates
- 10,000 lbs lift capacity
- evenly distributed load
- Walk-up Stairs (Optional)



APPLICATIONS:

Bridge Construction

Maintenance

Inspection

Man Lift

Tesco lift design make us an industry leader with over 65 years experience. Our hi-lifts are among the smoothest operating hi-lifts in the industry.



For more details visit: www.Tescohilift.com to find your local distributor

Bridge Service Lifts

BSL100-21 Specification

Standard Features

- 16' L x 8' W, Steel thread plate work platform
- 36" Hydraulic powered side extensions
- 10,000 lbs gross lift capacity – evenly distr. Load
- 21' Platform reach
- 42" Handrails: Removable / Extendable
- Above frame mount hoist design
- One Hi-Lift three stage cylinder
- Steel channel upper & lower frames
- Tubular steel scissor arms
- Cold rolled steel pivot pins with grease fittings
- Steel pin bushings
- Steel rollers & bronze bushings
- Hydraulic pump: gear type
- Pump flow rating at 1200 RPM: 18 GPM
- Custom Manifold / Modular D05 valves
- Hydraulic system relief pressure
- Relief valves
- Manual override controls
- Flow control to adjust scissor-lowering speed
- Return filter
- Hydraulic fluid reservoir: 38 gallon
- ISO 15 hydraulic oil
- Fill port breather cap, clean out port, gate valve
- Sight glass for level & temperature indication & drain port
- Oil filtration - suction screen

Controls

- Upper Controls: Pedestal mount
- Enable / Up / Down / Emergency Stop / Eng. Remote
- Work lights / Accessories
- Platform Side Extend Controls: Pedestal mount
- Enable / Ret / Ext
- Lower Controls: In cab or front access step handrail (Roadside) Enable / Up / Down / Emergency Stop
- Four independent articulating outriggers
- Outrigger controls:
- Roadside Forward: Ret / Ext
- Curbside Forward: Ret / Ext

Dimensional Data – Typical

- Length: 348"
- Overall width: 99"
- Height: Stowed position: 113"
- Estimated curb weight: 23,500 lbs (with chassis)

Optional Features

- Road side & curb side access stairs
- Forward platform swing gate
- 12 VDC emergency power pack
- Self contained air compressor system with hose reel
- Auxiliary 110 V generator or inverter systems
- 110 VAC GFI outlet on platform
- Fire extinguisher located to user specification
- Pintle hook
- Rear lift gate
- Hydraulic tank heater
- Aluminum platform & handrails
- Proportional hydraulic controls

Chassis Specification

- Minimum GVW 30,000 lbs
- Minimum CA 120" to 138"
- Automatic Allison, with PTO capable transmission
- Clear frame rails
- Chassis under cab treatment codes:
- Ford 65B / 65S / 65V
- Int'l 07BDB

Safety Features

- Dual lift safety circuit
- Interlocks: Hoist / Outrigger / Trans / Parking Brake
- Will not allow movement of chassis once outriggers are deployed or hoist is raised
- Safety harness attachment rings (Platform center)
- 42" Handrails: removable & extendable
- Limit switches: Maximum height
- Audible back-up & lowering alarm
- Maintenance prop
- In cab indicator lights
- Emergency hand pump

Performance Data

- Minimum platform height: 70"
- Maximum platform height: 261"
- Platform length: 192"
- Minimum platform width: 96"
- Maximum platform Width: 168"
- Lift capacity: 10,000 lbs gross

Electrical Controls



Maintenance Prop

