

Model

944E-42

TELEHANDLER

Performance

Rated Capacity

9,000 lb (4,082 kg)

Maximum Lift Height

42 ft (12.8 m)

Frame Leveling

12 degrees

Lift Speed (boom retracted, no load)

Up: 16 sec

Down: 13 sec

Boom Speed (no load)

Extend: 13 sec

Retract: 13 sec

Travel Speed Forward

20 mph (32 kmph) max.

Drawbar Pull (loaded)

24,350 lb (11,045 kg) in first gear

Operating Weight

With 48 in. Carriage and Forks

27,265 lb (12,367 kg)

Forward Reach

35 ft 6 in. (10.8 m)

Horizontal Load Placement Distance

80 in. (2.0 m)

Standard Specifications

Engine

Make and Model Cummins QSB4.5T Turbo

Fuel Diesel

Cycles 4

No. of Cylinders 4

Displacement 276 cu in (4.5 L)

Torque Rating 305 lb ft (414 Nm)

@ 1,500 rpm

Rated Speed 2,500 rpm

Max. Gross BHP 110 hp (82 kW)

Fuel Tank 46 gal (174 L)

Engine Block Heater

Engine Grid Heat System

Engine Filters

Two-stage centrifugal air cleaner.

Serviceable fuel filter/water separator.

Full-flow replaceable-element engine oil filter.

Electrical System

Voltage 12V

Alternator 65 amp

Battery Two batteries, each with 850 cold cranking amps at 0°F

Transmission

Modulated powershift with integral full gear-drive dropbox.

4-speed forward and 3-speed reverse.

Axles

Full-time planetary 4-wheel drive.

Limited slip front differential.

Stabil-Trak rear axle stability system.

Brakes

Inboard mounted internal wet disc brakes.

Parking Brakes

Spring applied, hydraulically released parking brake with transmission declutch feature.

Tires

Standard Air-filled 15:50 x 25—12 ply

Fenders

Cab

Certified ROPS/FOPS structure.

Steering wheel mounted horn and back-up alarm.

Rear view mirrors.

Steering

4-wheel circle, 4-wheel crab, 2-wheel front.

Instruments

Hydraulic oil temperature, fuel level, tachometer, and hourmeter gauges.

Warning indicators for transmission oil temperature, hydraulic oil temperature, engine oil pressure, alternator charging, air filter restriction, hydraulic oil filter restriction, and low brake pressure.

Indicators for parking brake and Stabil-Trak system.

Controls

Multi-function, fully proportional pilot operated joystick controls for boom functions, carriage tilt, auxiliary control, frame leveling, and horizontal load placement system.

Hydraulic System

Load sensing dual gear pumps.

33.5 gal (127 L) system capacity.

Auxiliary Hydraulics

Used for all attachments equipped with cylinders or other hydraulic components. Consists of valves, controls and hydraulic lines.

Accessories & Options

Cab Enclosure

Road and Work Lights

Work Lights

Air Conditioning

Tire Options

Foam-filled

Rock

Attachments

Standard Carriage

48 in. (1.2 m), 50 in. (1.3 m),

60 in. (1.5 m) or 72 in. (1.8 m)

± 10° Side Tilt Carriage

48 in. (1.2 m), 50 in. (1.3 m),

60 in. (1.5 m) or 72 in. (1.8 m)

± 45° Swing Carriage

72 in. (1.8 m)

Pallet Forks

2.36 x 4 x 48 in.

(60 mm x 102 mm x 1.2 m)

Lumber Forks

1.75 x 7 x 60 in.

(45 mm x 178 mm x 1.5 m)

Block Forks

2 x 2 x 48 in.

(51 mm x 51 mm x 1.2 m)

Truss Boom With or Without Winch

10 ft (3.0 m)

Truss Boom With Winch

3 ft (0.91 m)

Light Material Bucket

1.25 cu yd (0.95 m³) capacity

96 in. (244 cm) width

Sheet Material Handler

Hydraulic Fork Position Carriages

50 in. (1.27 m)

Single and dual fork options

Fork Mounted Work Platform

Crane Hook

