



**Elliott Equipment Company  
Model 40142R**

**40142R BASIC UNIT**

Rear mount subframe and aluminum 3-piece bed integral with steel subframe. A 34'9" retracted to 142' extended 5-section proportional boom. Two-speed winch featuring a 15,000 lb. bare drum pull with 430' of 5/8" diameter rotation resistant wire rope and a 11,300 lb. single line pull. Winch drum cable packer. External boom hard-wired anti-two-block and Load Moment Indicator (LMI) hydraulic overload protection system. Continuous rotation. Glide swing with manual foot brake. Hydraulic system includes a piston pump, 134 gallon aluminum oil reservoir mounted on top of front outriggers with sight and temperature gauge, 10 micron return filter, and shutoff valve, and (2) oil heater couplings. Oil cooler. Rotating seated controls with tilting cab (20 Deg). Includes operator seat, pilot operated control levers in seat, start/stop switch, master switch, hi/lo range switch, variable speed throttle, LMI console display, chassis interface screen, capacity chart, range diagram chart, boom angle indicator, front and top window wipers, sliding side window, AM/FM stereo, air conditioning, and diesel heater. Front bumper winch switch. Two sets of "Out-and-Down" type outriggers located at front with 21'2" center to center span and rear with 26'2" center to center span and equipped with removable ball socket aluminum pads. Cab operated outrigger controls. Ground operated outrigger controls on each side of bed wing. Full-span and mid-span outrigger load chart. Horizontal boom rest mounted on top of front outriggers. Downhaul weight with swivel hook. Access ladder at rear. Pull-out ladder under cab. Maximum tip height of 152' and maximum lifting capacity of 40 US tons at 7' radius. 360 degree stability. (Requires air shift PTO option) Unit certified to ANSI B30.5 for Mobile Cranes.

**BED OPTIONS**

Aluminum Bed Wings With LED Lights. Aluminum access steps at street side front of bed wings. Grip deck coating over top of subbase only. (Included in Base Price)

**JIB OPTIONS**

31' to 55' 2-Piece Jib With Manual Extension (Side Stows On Boom)(2,100 lbs.)

**LIFTING OPTIONS**

40-Ton 3-Sheave Hook Block For Up to 6/7 Parts of Line. (640 lbs.)

Winch Drum Rotation Indicator - Standard Winch

**BASKET OPTIONS**

2 Person Gravity-Leveled Non-Rotating Yoke Mount Steel Basket (36" x 72")(1200/600 lbs.)

Basket Test Weight Kit (1500 lbs. for 1,200 lb. capacity)

Bed tie downs for Yoke Mount steel basket (Qty 4)

**REMOTE CONTROL OPTIONS**

4-Function Radio Remote Controls

**PTO OPTIONS**

Hot Shift PTO For Automatic Transmission

Clockwise Rotation Pump (Required for Automatic Transmission)

**TOOL BOX OPTIONS (ALUMINUM)**

(2) 48" x 24" x 24" Aluminum Underbody Mounted (Treadplate-No paint)

### **ADDITIONAL OPTIONS**

Rear View Camera

(2) Arctic Fox Heaters for Hydraulic Reservoir

Vertical Holder On Bed For 6/7 Part Line Hook Block

One Additional Copy of Each "Operation, Maintenance, & Safety" (Qty 2), "Parts Manuals" (Qty 2), and CD's (Qty 3)

### **PAINT OPTIONS**

Crane Turret, Boom, and Crane Cab Paint Color: White

Subbase, Outrigger Housings and Reservoir Paint Color: Black

Vertical Outriggers and Boom Rest Paint Color: Red

Chassis Paint Color: White

### **CHASSIS**

2022 Freightliner 114SD, 455hp Cummins X12 diesel engine (1550 lb/ft), 300" WB, 217" C.T., 120" AF, Allison 4500 RDS automatic transmission, 91,000 GVWR, 20,000 lb front axle, 8,000 lb pusher axle, 63,000 lb rear tridem axle, 425/65R22.5 20-ply front tires, 455/55R22.5 20-ply rear tires, air brakes, air dryer, Horiz exhaust, Airliner rear suspension, rear differential lock, tilt steering, aluminum wheels, Engine block heater, 70 gallon aluminum fuel tank (LH), AM/FM radio, cruise control, air conditioning, 1-year tow warranty.

### **INSTALLATION**

Includes hydraulic fluid, electronic throttle interface, mud flaps, backup alarm, safety triangle kit, final stability test.

Includes installation of rear bumper assembly and bed wings.