



**BUILTRITE™**  
HANDLERS & ATTACHMENTS

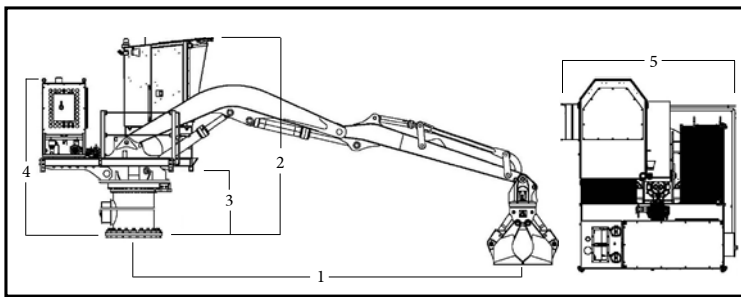
# 2150-SE

**Stationary Electric Material Handlers**



**Builrite™, Stationary Electric Material Handlers** have proven themselves in a number of waste and scrap handling applications, capable of handling a wide variety of materials. With a wide array of options, boom configurations and attachments available, let Builrite design a material handler to maximize production at your facility. Stationary Electric Material Handlers are much less expensive to operate, safer, quieter and don't produce emissions like diesel powered, mobile equipment. Maintenance costs are also less and the power unit can be remotely located where it is not subjected to dusty conditions, further reducing maintenance costs.

# 2150 SPECIFICATIONS



## DIMENSIONS - 25' 6" Boom Option

1] 25.6' (7.8 M)	5] 8.0' (M)
2] 13.0' (4.0 M) with standard 2' cab riser	
3] 4.2' (1.3 M)	
4] 10.0' (3.0 M)	

## WARRANTY

4000 hours or 2 years, whichever occurs first.

## BOOM DATA

- 1] Horizontal Reach = 25'6"- 30', depending upon approved layout
- 2] Fabricated, hip (bent) styled main boom (for working below grade) and straight jib boom with wristing linkage (for articulating the grapple up and down).
- 3] 3" (76mm) boom pivot and 3.0" (76mm) cylinder pins.
- 4] Aluminum bronze bushings at all boom pivot points.
- 5] Auto-lube Grease System.

## HYDRAULICS

- 1] 110 Gallon (416L) hydraulic reservoir with suction and return filters, complete with oil and shut-off valves.
- 2] Stack type control valves with main relief and safety port relief for boom function.
- 3] One (1) Single Piston Pump w/ separate gear pump for filtration.
- 4] Pressure compensating, on demand hydraulic system.
- 5] 4500 PSI (310 Bar) Operating System
- 6] Hydraulic oil cooler. 3HP motor drives fan and AC compressor.
- 7] Hydraulic test system centrally located on machine.

## BOOM CYLINDERS

- 1] Main boom - One (1) 6.0" (152mm) bore x 41" (1,041mm) stroke x 4" (101mm) rod
- 2] Jib Boom - One (1) 6.0" (152mm) bore, x 32" (813mm) x 3.5" (89mm) rod
- 3] Hydraulic stop cushions on both ends.
- 4] Wear rings on both pistons and glands.
- 5] Rods with heavy chrome plating.
- 6] Accumulator on main lift cylinder to cushion shock loading.

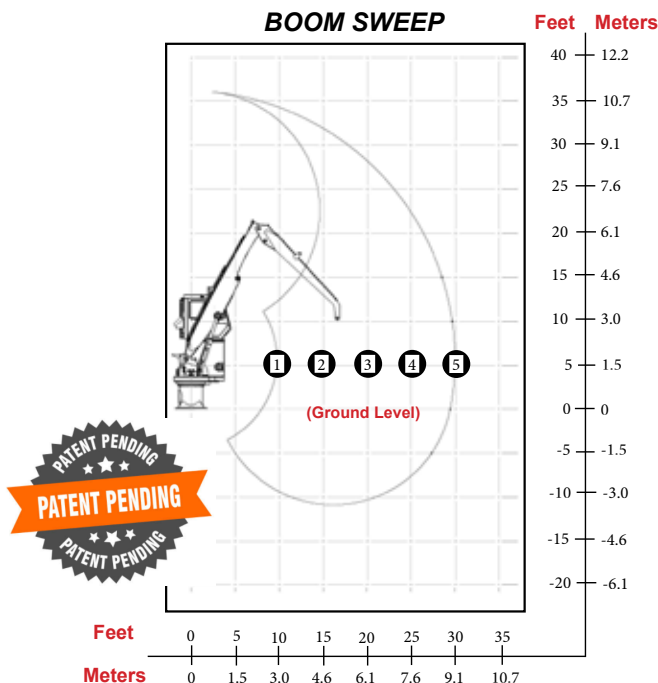
## PEDESTAL BASE

- 1] 35" (889mm) high pedestal base with inspection port

## SWING SYSTEM

- 1] 6.5 RPM with single motor and gearbox swing drive.
- 2] 39" Diameter internal tooth bearing.

## BOOM SWEEP



## LIFT CAPACITY 30' (9.1 m) Boom Option, Less Attachment (Measured at 5' above ground level)

RADIUS	LIFT	RADIUS	LIFT
1] 10' (3.0 M)	23,500 LBS. (10,659 KG)	4] 25' (7.6 M)	7,000 LBS. (3,175 KG)
2] 15' (4.6 M)	15,000 LBS. (6,804 KG)	5] 30' (9.1 M)	5,500 LBS. (2,495 KG)
3] 20' (6.1 M)	10,000 LBS. (4,536 KG)		

## MODULAR POWER SOURCE

- 1] One (1) 100 HP 460 Volt TEFC electric motor, and a 3 HP fan & AC Compressor motor for the oil cooler.
- 2] One (1) Single Piston Pump w/ separate gear pump for filtration.

## ELECTRICAL PACKAGE

- 1] Variable Frequency Drive, breaker/disconnect in N.E.M.A. enclosure.
- 2] Starter, phase sequence monitor, control access
- 3] Start/stop controls on control console.
- 4] Electric slip ring when continuous rotation is required.

## OPERATOR CAB

- 1] 39" x 62" fully insulated, cab equipped w/ sliding door, wiper/washer, defroster, dome light, and deluxe bucket seat.
- 2] AM-FM, USB, bluetooth
- 3] Under seat, cab heater & air conditioner
- 4] LED Exterior Lights
- 5] Electronic Operator Controls – Installed in seat pods with hand swing control
- 6] Parker IQAN system with MD4 7-inch display module allows operator adjustments to be made for individual preference
- 7] Remote diagnostic capability
- 8] Cab access via ladder or stairway (if catwalk option purchased)
- 9] Cab can be mounted on left or right side.



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