

VALLA 90 E MOBILE CRANE  
MAX CAPACITY 20,000 lbs

ELECTRIC POWERED



**DRIVE:** DC 10 kW - 48 V fanned, reversible electric motor with MOSFET electronic control HF and energy saving, self diagnostic, speed and temperature checks (2 thermostats), brush wear warning.

**TRANSMISSION:** Differential axle and reduction gear. Speed up to 5.6 mph.

**BATTERY:** 48 V 700 Ah. Battery charge indicator on dashboard.

**SUSPENSION:** Oscillating rear axle with mechanical lock.

**BRAKES:** Foot hydraulically operated brakes (disc on front, shoes on rear wheels). Parking hand brake mechanically operated.

**STEERING:** Power steering with hydraulic cylinder and 140° articulation (ORBITROL system). Safety valves and filter.

**CRANE FRAME:** Fabricated from preformed and welded quality steel plate with built-in counterweight.

**WHEELS:** Rear 2 solid tires 23 x 9 R10". Front 4 solid tires 23 x 10 - 12".

**BOOM:** Fabricated from preformed and welded quality steel plate with 3 hydraulic telescoping sections on nylon wear pads.

**HYDRAULIC SYSTEM:** 5 kW - 48 V electric pump, proportional distributor controlled by joystick, filter, safety valves on all boom operations. Max pressure 2,600 psi.

**DRIVER'S OVERHEAD GUARD:** Steel frame with metal checker plate and full visibility.

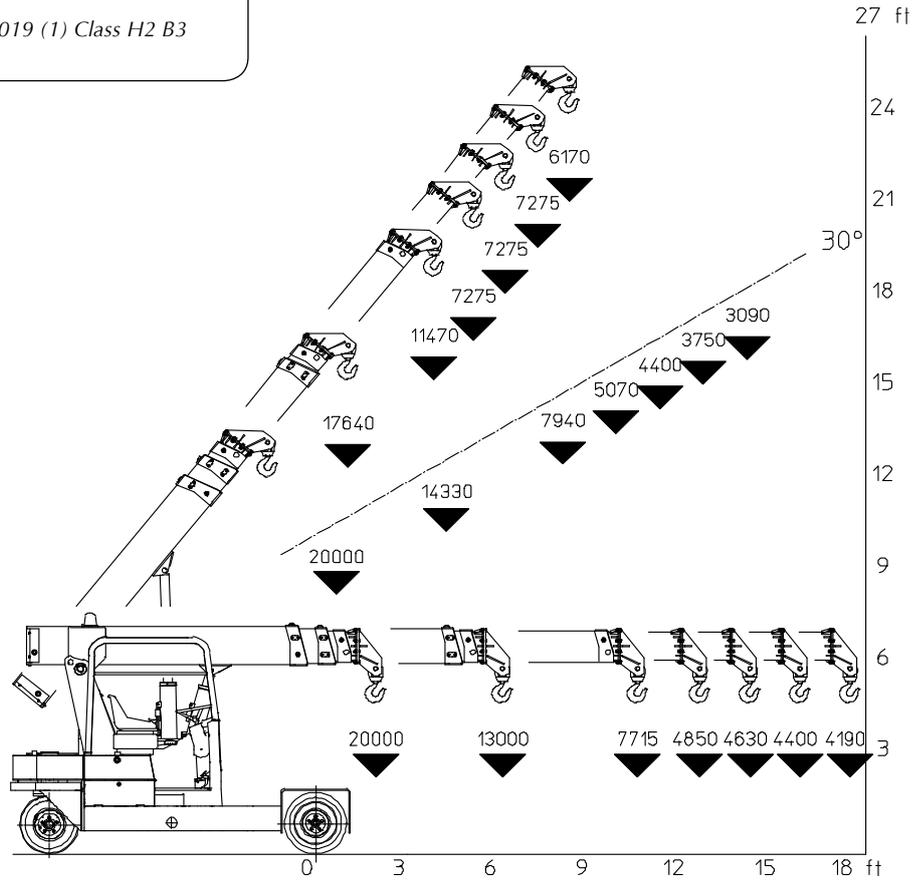
**WEIGHT:** 19,800 lbs.

**OPTIONAL EXTRAS :** L.M.I. (electronic Load Moment Indicator), manual boom extension, battery, battery charger, man bucket, remote control, canvas cab, metal/glass enclosed cab, carry deck, hydraulic winch, hydraulic chain hoist, fork attachment.

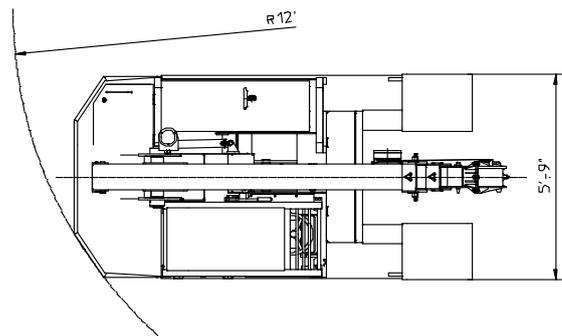
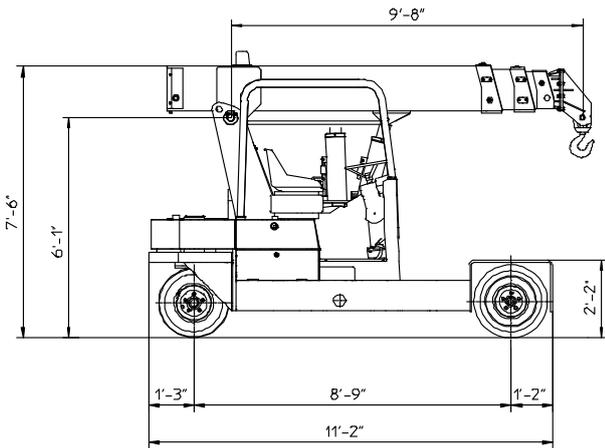
**Valla** S.p.A.

Via Piacenza, 45 - 29010 Calendasco - Piacenza - ITALIA  
Tel. 0039 0523 762025 - 762004 - Fax 0039 0523 760531  
Internet: www.valla.com - email: info@valla.com

The crane complies with following international standards:  
 - I.S.P.E.S.L.  
 - DIN 15018(1,3) - 15019 (1) Class H2 B3  
 - ANSI - 1994



### VALLA MODEL 90 E



Via Piacenza, 45 - 29010 Calendasco - Piacenza - ITALIA  
 Tel. 0039 0523 762025 - 762004 - Fax 0039 0523 760531  
 Internet: www.valla.com - email: info@valla.com

