



DESCRIPTION

Designed for reliability and low maintenance costs, the **NBL-E** uses the latest technology and features very simple electric and hydraulic circuits. Location and accessibility of all components have been designed to reduce maintenance time to a minimum.

The boom design allows the NBL boom to reach the lowest level in the market; in addition different boom widths and lengths are available to allow all kinds of operation. The **NBL-E** has been ergonomically designed to provide maximum driving comfort, simple controls and excellent visibility.

STANDARD FEATURES

Motor - AC motor 22 kW at drive axle input.

Service Factor : S2-60min

Inverter - AC 80V inverter

Front axle - Heavy duty steering axle solid mounted.

Rear axle - Heavy duty driving axle solid mounted

Power Brake - Braking is achieved by powered disc brakes on front wheels and drum brakes on rear wheels. Dual system, split front and rear for maximum safety.

Brakes (Parking) - Actuated by lever inside driver station, acting on rear drums.

Hydraulic circuit - The hydraulic flow (15l/mn) for all the functions is provided by a gear pump and maximum pressure is limited to 140 bars (2000 PSI) by a relief valve.

Steering - Hydraulically assisted steering.

Boom - The standard boom is 7800 mm long and has a width 780mm ; the belt is 600 mm wide and can accept a load of 1200 kg evenly distributed. Belt speed is fixed at 18m/mn but can be variable in option.

Boom and belt controls - belt rotation and elevation of the boom are electrically controlled (piloted) through solenoid-valves. Belt rotation is assured by a direct-drive hydraulic motor (chainless) ; two (single effect) cylinders are acting on steel frames to control the height of the boom.

Tires - front and rear tires are 225/70 R 15 tubeless

Hydraulic tank - The capacity of the hydraulic tank is 70 liters and a return filter is incorporated to the filler cap.

Tolerances of mentioned data : +/- 5 %

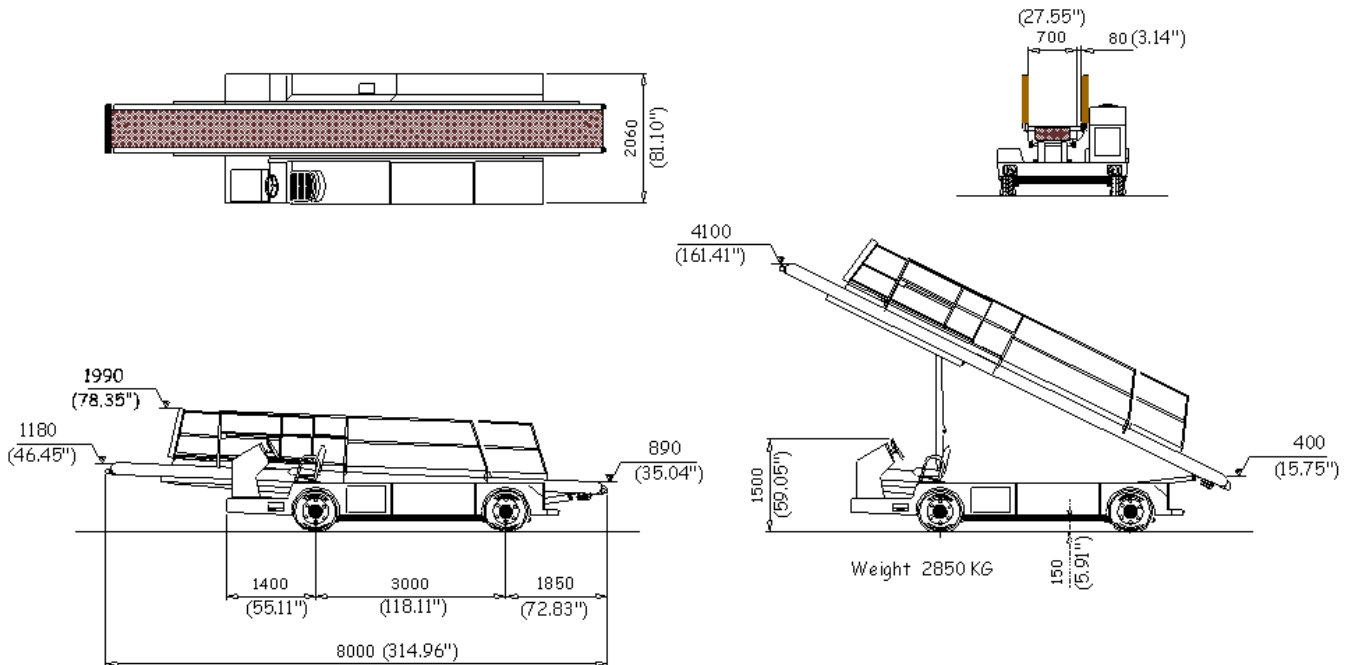
Some views may show optional equipment. and specifications may be altered as a constant effort to improve performance.

Electrical circuit –

- * “Dead man pedal” safety device
- * 12 VDC electrical system (accessories),
- * Electric horn, Work light, Amber flashing beacon and battery master switch.
- * 2 each of the following: head lights, stop lights, front and rear turn signal lights.
- * Electric card, relays and circuit breakers cabinet conveniently located below the driver’s dashboard
- * Emergency switch on dashboard.

OPTIONS AVAILABLE :

- * Battery 80V – 420 h
- * Battery charger, tropicalized, fast charge
- * Diagnostic console for system parameters & troubleshooting
- * Cab without door
- * Cab kit with heater
- * Rotating beacon
- * Manual hydraulic pump for emergency.
- * Side protection
- * Belt speed adjustment
- * Various side rails and handrails packages are available.



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TLD Sales and Service regional headquarters :

- **Asia, Far East**
TLD-ASIA, Hong Kong
Tel : + 852 (2)692-2181 Fax : + 852 (2)691-2604
- **Europe, Africa, Middle East, India**
TLD-EUROPE, France
Tel : + 33 (0)1 45 60 71 40 Fax : + 33 (0)1 45 60 57 00
- **North & South America, Australia & New Zealand, Japan**
TLD-AMERICA, USA
Tel : + 1 (860) 602-3400 Fax : + 1 (860) 688-7895

Contact us on our Web Site : www.tld-gse.com

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