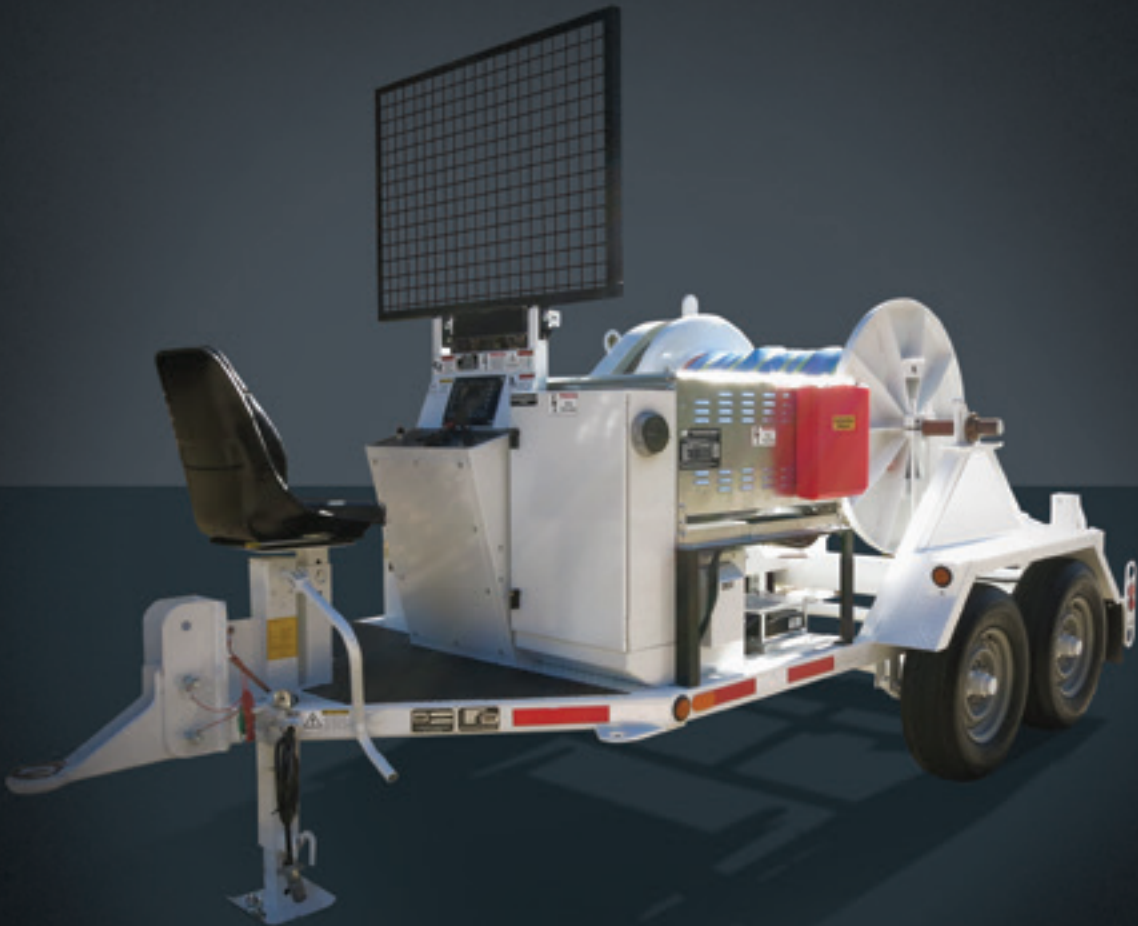


DPT-40E Electric Puller/Tensioner

**ENVIRONMENTALLY FRIENDLY
LESS OPERATING NOISE
BEST IN CLASS CONTROL
LOW MAINTENANCE
REGENERATES POWER**





GREENMACHINE 

DPT-40E

The **Only** Electric-Powered
Puller/Tensioner In The Industry

DPT-40E ELECTRIC PULLER/TENSIONER

THE FRUSTRATIONS ARE GONE.

The frustrations are gone – no more worries about hydraulic leaks and machine downtime, unnecessary air pollution and hazardous noise concerns of a standard diesel engine Puller/Tensioner. The newly designed Green Machine is powered through a modern, quiet, regenerative electric motor that directly drives the machine, eliminating the inefficiencies and added operational costs of a diesel engine and hydraulic system. It provides long lasting power to complete even the toughest, most demanding jobs. This ground breaking technology uses clean, regenerative energy and reduces unwanted, hazardous noise pollution to the point where an operator and linemen can talk to each other at normal volume without radios while the machine is running.



GREEN MACHINE IS POWERED THROUGH THE USE OF A QUIET, REGENERATIVE ELECTRIC MOTOR.

Durability & High Performance

Capable of 4,000 lbs of continuous linepull with 6000 ft of 5/8" diameter synthetic rope on the pulling reel, the Green Machine is a multi-purpose Puller/Tensioner set on a 14,000 lbs tandem axle with spring suspension for optimum trailer stability. With infinitely variable speed, pull and tension controls, and extra large reel capacity, the Green Machine can handle the most demanding distribution stringing projects with best in class performance and controllability.

Advanced Control & Operator Safety

A centrally located operator's console with a protective screen for clear visibility of the complete pulling operation and the integration of an advanced PLC Graphic Color Display for accurate operation readings and operator adjustable pull/tension control make the Green Machine the easiest and safest machine to operate.

The operator display features:

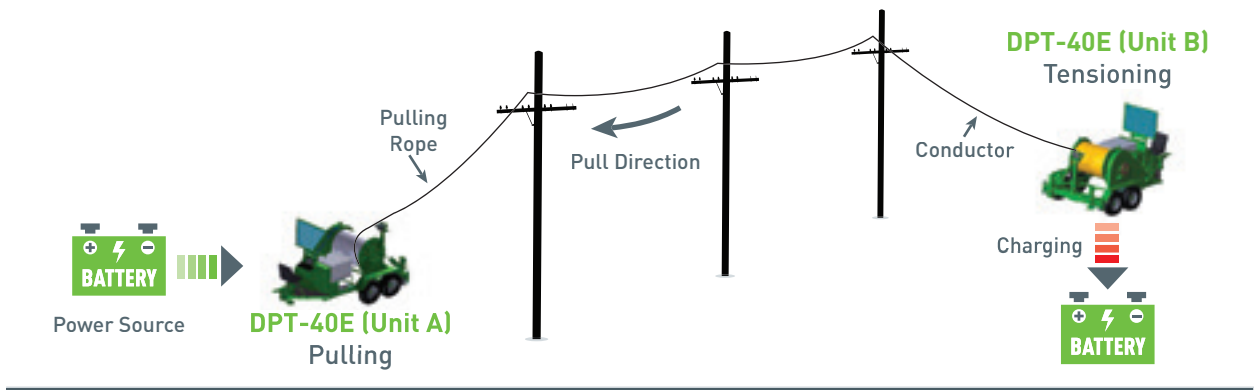
- Line Speed
- Line Pull
- Amps In/Out
- Pull In/Payout
- State of Charge
- Add Slack Feature

CLEAN ENERGY. REDUCED DOWNTIME.

THE EASIEST MACHINE TO OPERATE.

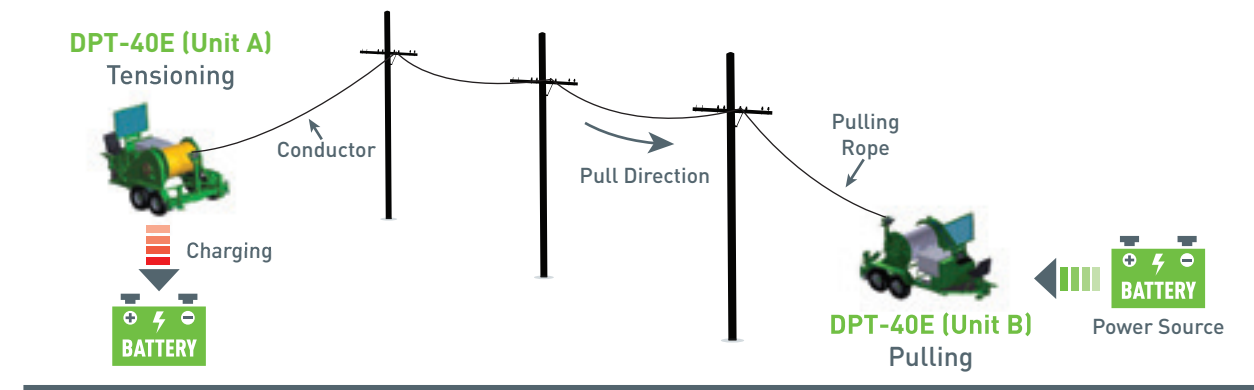
The Green Machine easily installs overhead distribution conductors in conjunction with the Polemaster Pilot Rope System with improved operator controllability and dependable, long lasting power.

DAY 1 UNIT B CHARGES

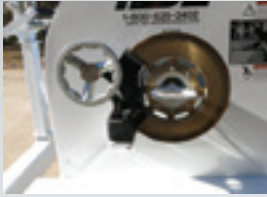


THE SMART, ELECTRIC REGENERATIVE SYSTEM IS SELF-CHARGING WHEN TENSIONING AND EXTENDS THE BATTERY CAPACITY FOR DAYS WITHOUT THE NEED TO PLUG IN.

DAY 2 UNIT A CHARGES



DPT-40E FEATURES



GENERAL FEATURES

- Recharges batteries when tensioning
- E-Z rider operator seat
- Overhead levelwind with speed/length indicator
- Operator's protective screen
- Elevated operator's position for full view of pulling operation
- Drive freewheeling disconnect for payout of pulling rope
- 110 or 220 volt charging system
- Quick change reel shaft removal
- Unit sandblasted, primed and painted with two coats of acrylic enamel



OPERATOR CONTROLS

- Direction control lever with infinite speed adjustment and thumb button lock
- Adjustable pull/tension control with limit if preset tension is reached
- Holding brake apply/release control
- Levelwind directional control
- Permanently engraved operator's control panel
- Noise level: 85 dBa
- Direct readout of pulling tension
- Direct readout of pulling distance
- HMI – color operator screen with graphical indicators

DPT-SERIES OPTIONAL EQUIPMENT

Along with the Green Machine, Timberland Group offers several optional equipment choices for integration with the DPT series, providing the necessary tools to complete any operation and application.

- Over-spin payout brake with 16" non-rust, ventilated, bronze disc and manual caliper for controlled payout of pulling rope.
- Model 4440 heavy-duty steel pulling reel, with rolled flange edges for rope protection.
- Hydraulic combination overhead/underground levelwind with guide rollers and sheaves.
- High-speed Polemaster Pilot Rope drive with infinite line pull and speed control from 0 to 550 fpm. Operated from operator's console.
- Rear stabilizer jacks with manual crank adjustment and quick release inner drop-leg.
- Model BR6030 Breakaway pulling reel for reconductoring.

DPT-40E Specifications

Performance

Continuous Torque Rating	66,750 in-lbs	7541 N-m
Continuous Line Pull Rating	4,000 lbs with 6,000 ft of 5/8" rope on pulling reel	1779 daN with 1829 m of 16 mm rope on pulling reel
Speed	0-5 mph with Infinite Speed Control	0-8 km/hr with Infinite Speed Control



Reel Capacity

Maximum Reel Diameter	72 in	1828 mm
Maximum Reel Width	56 in	1422 mm
Maximum Reel Weight	6,000 lbs	2722 kg
Shaft Diameter	2 5/8 in	67 mm



Electric Drive System

Battery	Lithium Battery Pack (96 Volt)	
Electric Motor	110 ft-lbs, 50 H.P. AC	149 N-m, 37 kW
110 Volt Charge Time	17 Hours from 20% Charge to Full	
220 Volt Charge Time	8.5 Hours from 20% Charge to Full	



Trailer

Axles	Tandem with Leaf Spring Suspension	
Trailer Brakes	12x12	
Tires	ST235/80R16	
GAWR	14,000 lbs	6350 kg
GVWR	15,400 lbs	6985 kg
Tow Hitch	3 in Pintle Eye with 4 Height Adjustments	76 mm Pintle Eye with 4 Height Adjustments
Front Jack	Manual Screw Type with Drop-Leg	
Trailer Lighting	4 Light System	



Unit Dimensions

Length	15 ft 10 in	4826 mm
Width	7 ft 5 in	2260 mm
Height	5 ft 10 in	1778 mm
Weight	6,000 lbs Basic Unit	2722 kg Basic Unit



For more information, please contact:



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