

PU3500 Power Unit



SPECIFICATIONS

Motor: 10 HP 3-phase AC, various voltages
Pump: Variable displacement pressure compensated
Hydraulic oil tank: 20 gallon
Gauges: 6" dual scale, pressure and force
Stressing speed: 1.7" per second (7 seconds per foot)
Weight: 1000 Lbs, approx.

Precision Performance, Rugged Reliability

Designed for ease of use and quick operation, the 3500 Power Unit is designed for high volume, high speed, pre-stressing operations. The 10HP – 3 phase motor has an advanced, energy saving variable displacement pump that reduces heat build-up in the hydraulic fluid.

Large, dual scale gauges measure PSI and force for initial and final set. Gauges and other components are protected with safety relief valves to prevent accidental over pressure. A pivoting cover protects the controls when not in use.

The 3500 power unit pulls up to .60 strand at 7 seconds/per foot, making it one of the fastest machines on the market; but its precision sets it apart. Testing verified ease of calibration, and after initial loading, final load is typically reached on the first pull requiring no additional correction.

Features:

- 10 HP electric motor can be wired for almost any 3-phase electric power source.
- Dual scale gauges read both pressure in psi and load in pounds force.
- Variable displacement, pressure compensated pump uses less power and creates less heat than positive displacement pumps used on comparable units.
- Large 20 gallon hydraulic fluid reservoir helps prevent overheating.
- Redundant pressure limiting devices provide enhanced system safety by protecting gauges and other components from being damaged by accidental over-pressuring.
- Two quick-coupled, 15-foot hoses are included for attachment to the jack and a 20-foot electrical cord.
- Mast mounted caution strobe and warning horn.
- Comes with fork lift tubes and integral lifting lugs.

Portable Carts

Rugged and Maneuverable

Our specially designed cart makes moving prestressing equipment around the plant convenient and easy. The power unit bolts easily to the frame and includes a mount for a 36", 48" or 60" stressing jack. The cart has four wheels, is steerable and easy to maneuver.



When you're ready to upgrade or add new stressing equipment – contact Hamilton Form for more information: sales@hamiltonform.com or call 817 590-2111.



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