

## **AFB506 Hydraulic Puller-Tensioner**

The AFB506 Hydraulic Puller/Tensioner provides up to 20000 lbs of pulling force and tensioning force. Designed for stringing one or two ropes or bundled conductors with two pairs of completely independent bull-wheels. Industry leading features like negative self-acting hydraulic brake, hydraulic dynamometer, and hydraulic cooling system. Bull-wheels come standard with interchangeable nylon sectors. AFB506 hydraulically controlled system helps eliminate conductor galloping, making this one of the safest puller/tensioners on the market today.

**Interchangeable**



### **PULLER PERFORMANCE**

Max pull 2 x 10116 lbs or 1 x 20000 lbs  
Continuous pull 2 x 8430 lbs or 1 x 16861 lbs  
Speed at continuous pull 1.55 mph  
Max speed 3.1 mph  
Pull at max speed 2 x 3372 lbs or 1 x 6744 lbs

### **TENSIONER PERFORMANCE**

Max tension 2 x 10116 lbs or 1 x 20000 lbs  
Continuous tension 2 x 8430 lbs or 1 x 16861 lbs  
Max speed 3.1 mph

**Note:** the basic machine performance is calculated at 68°F and at sea level

### **CHARACTERISTICS**

Bull-wheel diameter 60 in  
Max conductor diameter 1<sup>5</sup>/<sub>16</sub> in  
Max rope diameter 1<sup>1</sup>/<sub>16</sub> in

### **ENGINE**

Diesel 120 HP  
Cooling system water  
Electrical system 12 V

### **HYDRAULIC TRANSMISSION**

2 closed hydraulic circuits for stepless speed variation in both rotating directions. This machine is provided with 2 pull pre-setting systems that maintain the pre-set pulling value (also when the speed is reduced to "0") by automatically adjusting the operation speed according to the friction and unexpected loads which may develop along the line

### **CONFIGURATION**

- 2 negative self-acting hydraulic brakes
- 2 hydraulic dynamometers with set-point and automatic control of maximum pull
- Hydraulic oil cooling system
- 2 digital footage counters
- Control instruments for hydraulic system and Diesel engine
- Rigid axle for towing at max speed of 19 mph with mechanical parking brake
- Hydraulically actuated front plow stabilizer
- Hydraulic power pack to control up to 2 reel stands with hydraulic head or 2 reel winders with independent controls

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