

HYDRAULIC BULLWHEEL TENSIONER



The T25-1H/1DD is suitable for tensioning single conductor with infinitely variable tensioning control of the conductor.

The exclusive open-sided canted bullwheel design prevents potentially damaging birdcaging or torquing of the conductor/OPGW. This design also allows for a more compact machine.

The large bullwheel design are fitted with replaceable synthetic lining segments. The T25-1H/1DD provides powered hydraulics for easy reeving of conductor and pullback capability.

This unit is mounted on a single axle trailer.

PERFORMANCE FEATURES

Maximum continuous tension 1 x 2,500 daN (5500 lbs.)
Maximum Linespeed 5 km/hr (3.1 mph)

PULLER/TENSIONER BULLWHEEL SPECIFICATIONS

Bullwheel diameter 1500 mm (60")
Exclusive canted axis bullwheel design
Open side design for ease of conductor loading
Wear resistant nylon bullwheel segments
5 grooves per bullwheel set
Maximum conductor diameter 43 mm (1.7")

ENGINE SPECIFICATIONS

Air-cooled diesel engine 22 kW (29.7 hp)

MECHANICAL DRIVE SPECIFICATIONS

Direct drive, fully enclosed planetary gearbox drive
Infinite variable speed, linepull and tensioning control
Automatic over-pull protection system with line pull gauge

SAFETY FEATURES

Spring applied / hydraulic pressure released brakes on bullwheel drives apply automatically in the event of hydraulic circuit pressure loss or engine shutdown.
Overpull protection to set maximum linepull

PHYSICAL DIMENSIONS

Weight (Approx.) 2005 kg (4420 lbs)
Length (Approx.) 3861 mm (152")
Width (Approx.) 1626 mm (64")
Height (Approx.) 2337 mm (92")

OPTIONS

Auxiliary hydraulic circuit for reel winder
Distance counter
Highway trailer package
Lockable console cover

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TENSION STRINGING EQUIPMENT & ACCESSORIES CATALOGUE

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The following electronic monitoring system can be added to Timberland Equipment Pullers, Tensioners and Underground Pullers.



SAMPLE PRINT OUT				
Time (s)	Pull (lbs)	Peak (lbs)	Speed (ft/min)	Dist. (ft.)
03	0	0	0	1255
08	13	55	0	1255
13	41	42	0	1255
18	27	56	0	1255
23	433	1379	0	1253
28	111	427	0	1253
33	1266	1286	52	1250
38	1589	1627	93	1245
43	1442	1835	96	1237
48	1340	1660	97	1229
53	1321	1579	96	1221
58	1392	1569	97	1213

* also available in metric

Digital display of: linepull, speed, distance and operator adjustable pre-set maximum linepull.

Optional chart recorder provides permanent copy readout for each pull.

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At Timberland, engineering is a process of continuous improvement therefore, specifications are subject to change without notice.