

TRACTION-WINCH

# T8 Traction-Winch



LAND CLEARING



CONSTRUCTION



FORESTRY



## WHY SHOULD YOU USE THE TRACTION-WINCH?

PROVIDING SAFE, PRODUCTIVE AND USER-FRIENDLY SOLUTIONS TO WORKING ON STEEP SLOPES IS WHAT WE DO, AND WE ARE DEDICATED TO THE CONTINUOUS INNOVATION OF OUR PRODUCTS AND SERVICES.

### T8

## THE MOST COMPACT TRACTION-WINCH IN THE TIMBERMAX LINE UP!

The T8 features an integrated stick ears mount and modular spade design keeping the overall unit very compact. Ideally installed on 18 tons or larger excavators. With 1115 feet of 5/8 swaged wire rope, capable of 10 tons of pull and a max speed of 9 ft/sec, this compact unit is made to perform. From smaller construction support equipment, to mulchers, to wheeled forestry harvesters and forwarders the T8 will get you up the hill.

*The TimberMAX T8 Traction-Winch package consists of the winch unit, hydraulic components and the iWinch Control System. The winch is compact and features a built-in spooling device - making it compatible with a wide range of carriers. Through field experience and continuous product improvement, TimberMAX believes that there is a machine configuration that will work for you.*



# T8 - Specifications



## WINCH DIMENSIONS

WIDTH (A)	1624 mm (64 in)
LENGTH (B)	1184 mm (47 in)
HEIGHT (C)	1115 mm (44 in)
WEIGHT*	1,880 kg (4,150 lb)

\*Wire rope weight not included

## WINCH WITH EXCAVATOR BRACKET DIMENSIONS

WIDTH (A)	1624 mm (64 in)
LENGTH (D)	1411 mm (56 in)
HEIGHT (E)	2204 mm (87 in)
WEIGHT*	2,352 kg (5,174 lb)

\*Wire rope weight not included

## HYDRAULIC SYSTEM

CONTROL TYPE	Proportional Flow or Load Sensing
MIN. FLOW FOR OPTIMAL PERFORMANCES	175 l/ min (45 gpm)
PRESSURE	280 bar (4,000 psi)

## CARRIER REQUIREMENTS

MIN POWER REQUIREMENT	90 kW (120 hp)
PRESSURE LINE	1"
RETURN LINE	1"
CASE DRAIN LINE	5/8"
ELECTRICAL CABLE	7 conductors
SUPPLY	+24V, 20 amp

## WINCH DRIVE

TRANSMISSION	DUAL Heavy Duty REXROTH Planetary Drive
BRAKE	2x Independent disk brake set in oil bath. Spring Loaded Pressure released
HYDRAULIC MOTORS	2 x REXROTH Variable displacement Axial Piston

## SPOOLING SYSTEM

TYPE	TimberMAX Spooling device with integrated Rope Tensioner
DRIVE	REXROTH Radial Piston Motor

## SAFETY FEATURES

SIGNAL LOSS ALARMS	Yes
EMPTY DRUM ALARM	Yes
CARRIER ALARMS	Low Fuel, Low Hydraulic Oil Level, Low Engine Oil Pressure, Coolant Over Temperature, etc.
SLOPE TEST MODE	Yes
MOVEMENT SENSOR	Yes, With Independent Anchor from Winch Carrier
WINCH ALARMS	Overspeed, Low Supply Pressure, Wire Open Circuit, Unexpected Behavior, etc.

## WIRE ROPE

DIAMETER	16 mm (Approx. 5/8")
LENGTH	340 m (1,120 ft)
MIN BREAKING STRENGTH	240 kN (52,000 lb)
GROOVED DRUM	Yes

## PERFORMANCES

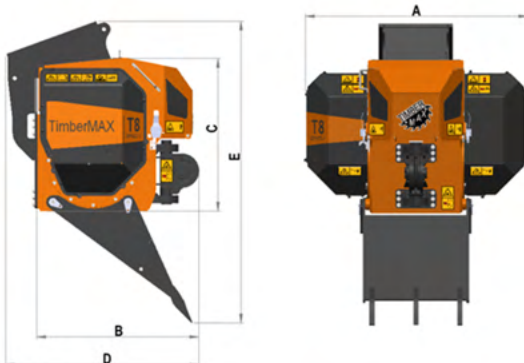
MAX PULLING CAPACITY TOP LAYER*	90 kN (10.1 Tons)
MAX PULLING CAPACITY CORE LAYER*	158 kN (17.7 Tons)
PULLING CAPACITY SETTING	5 – 80 kN (0.56 – 9 Tons)
TOP SPEED	10 km/h (9 ft/s)

\* At 320 Bar (4,600 psi) dP

## iWINCH CONTROL SYSTEM

COMMUNICATION	Bi-Directional
MANUAL OPERATION	Via Screen and Handheld Remote
AUTOMATIC OPERATION	Advanced and Smart Mode
TENSION SETTINGS	Uphill / Not Moving / Downhill
TENSION MIN / MAX OVERRIDE	Advanced Mode
DRUM CAMERA	Yes
E-STOP	Winch Carrier and Display Unit
DATA LOGGER	Yes
TENSION MONITOR	Measured Pressure, Calibrated Load Cell Available
TELEMATIC READY	Yes
ADVANCED DIAGNOSTIC	Yes, and Available to User

Meet or exceeds ISO 19472-2 2022



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**TRACTION-WINCH**  
 LET'S GO UPHILL