



ZECK WB 1500/9+4.5 Z359

ONE OR TWO BUNDLE PULLER TENSIONER



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888-925-0858
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EQUIPMENT SPECS

KEY FACTS:

COMPLETELY ELECTRONICALLY CONTROLLED PULLER-TENSIONER FOR UP TO 2 (1+1) CABLES WITH A 4 (2X2) BULL WHEELS (0 59 1/16 IN | 1500MM), WITH A GROOVE DIAMETER 1 3/4 IN | 45 MM (OPTIONAL 2 3/8 IN | 60 MM) AND A MAX, PULLING AND TENSIONING FORCE OF 2 X 10,120 LBS. | 45KN OR 1X 20,240 LBS. | 90 KN EACH BULL WHEEL CAN BE CONTROLLED INDIVIDUALLY

ENGINE:

MAX 140 HP (103 KW) LEVEL IV FINAL (T4 FINAL)
LIQUID-COOLED DIESEL ENGINE WITH ELECTRONIC RPM-CONTROL
24-V SYSTEM WITH HIGH CAPACITY BATTERY

DRIVING SYSTEM:

EACH BULL WHEEL WITH PLANETARY GEAR AND HYDRAULIC MOTOR AS COMPLETELY ENCLOSED DRIVE UNIT (HIGHLY EFFICIENT, MINIMAL MAINTENANCE)
EACH BULL WHEEL WITH AN AUTOMATICALLY ACTIVATED SAFETY BRAKE
HYDRAULIC SYSTEM WITH QUICK-ACTION SCREW COUPLINGS TO INDIVIDUALLY CONTROL 2 DRUM STANDS

CONTROL SYSTEM:

CONTROL OF ROPE DIRECTION AND ROPE SPEED (INFINITELY) BY JOYSTICK
ATS, AUTOMATIC TENSIONING SYSTEM
PLC CONTROL FOR OPTIMIZED PRODUCTIVITY AND SAFETY
CLEARLY ARRANGED CONTROL PANEL WITH COLOR DISPLAY FOR SUPERVISION OF PULLING AND TENSIONING FORCE AS WELL AS HYDRAULIC,
DRIVE, AND ELECTRIC SYSTEM WITH AN INTELLIGENT DIAGNOSIS AND FAULT RECOGNITION SYSTEM
ZECK STRINGING DATA RECORD SYSTEM WITH USB PORT
AUTOMATICALLY HYDRAULIC OIL COOLING SYSTEM
ADJUSTABLE OVERLOAD PROTECTION

PERFORMANCE IN PULLING MODE:

MAX PULLING FORCE: 2 X 10,120 LBS OR 1 X 20,240 LBS
MAX SPEED: 4 MPH
MAX SPEED WITH MAX PULLING FORCE: 1.2 MPH



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PERFORMANCE IN TENSIONING MODE:

MAX TENSIONING FORCE: 2 X 10,120 LBS OR 1 X 20,240 LBS
MAX SPEED WITH MAX TENSIONING FORCE: 4 MPH
MIN TENSIONING FORCE ATS | SLTS: APPROX. 1,800 LBS / APPROX. 450 LBS / (20,240 LBS BULL WHEELS)
MIN TENSIONING FORCE ATS | SLTS: APPROX. 1,000 LBS / APPROX. 330 LBS / (10,120 LBS BULL WHEELS)

BULL WHEEL:

NUMBER: 4 (2 X 2)
DIAMETER: 59 1/16 IN | 1500 MM
GROOVE: 1 3/4 IN | 45 MM
NUMBER OF CONDUCTORS: UP TO 2 (1 + 1)

DIMENSIONS | WEIGHT:

LENGTH X WIDTH X HEIGHT APPROX: 20' 10" X 7' 7" X 10' 2" FT
WEIGHT: APPROX 18,700 LBS

EQUIPMENT:

LOCKABLE ALUMINUM COVER
WIDE BACK GROUND SUPPORT VIA ROBUST HYDRAULIC SPRAG
FRONT SUPPORT VIA ROBUST HYDRAULIC SUPPORT
AUTOMATIC ROPE/CONDUCTOR CLAMPING WITH GROUNDING DEVICE
2 - AXLE CHASSIS WITH SUSPENDED AXLE, BRAKE, LIGHTING, AND MUDGUARD
2 - DEXTER 10,000 LB AXLES W / ELECTRIC BRAKES
BULL WHEELS FOR LEFT AND RIGHT HAND LAY CONDUCTORS
CABLE OR RADIO REMOTE CONTROL
SLTS, SMART LOW TENSIONING SYSTEM (MACHINE CAN BE USED IN STRINGING OPERATIONS WITH LOW TENSIONING FORCE, E.G. OPGW)
HYDRAULIC SYSTEM FOR DRUM STAND CONTROL WITH FLAT FACE QUICK-ACTION COUPLINGS
GROUNDING PLATE
ACOUSTIC INSULATION



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