



LOAD KING LK-3DPT-6K

6,000 LB THREE DRUM WATERFALL PULLER-TENSIONER



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2023 LOAD KING LK-3DPT-6K 6,000 LB THREE DRUM WATERFALL PULLER - TENSIONER

- THIS NEW LOAD KING THREE DRUM PULLER TENSIONER OFFERS SEVERAL FEATURES NOT OFFERED BY ANY OTHER
- 6,000 LBS. OF HYDRAULIC PULL & TENSION ABILITY ON A FULL DRUM. (7,500 LB. INTERMITTENTLY)
- 6,000 LB. HYDRAULIC TENSIONING FORCE WITHOUT NEEDING TO FREEWHEEL THE DRUMS.
- LIGHT HYDRAULIC TENSIONING MODE FOR FLYING OUT ROPES.
- DRUM FREEWHEEL MODE WITHOUT HAVING MANUAL LOCKING DOGS.
- AIR ACTUATED WIDE BAND STYLE FRICTION DRUM BRAKES THAT OFFER SMOOTH CONTROLLED BRAKING AT HIGH AND LOW SPEED WITHOUT THE HEAT AND GLAZING PROBLEMS THAT COME WITH SMALL HYDRAULIC CALIPER / BRONZE DISC BRAKE SYSTEMS.
- HYDRAULIC RAISING CAB OFFERING THE OPERATOR CLEAR VISION OF THE ROPE DRUMS DURING THE STRINGING OPERATIONS.
- 25,000' OF 11MM HD (7/16") ANTI-TWIST WIRE ROPE PER DRUM.
- 0.31 LBS./FT., 23,420 LBS. BREAK STRENGTH, 3.55:1 SAFETY FACTOR = 6,597 LBS.

STANDARD FEATURES - PULLER

- PULLING CAPACITY - 6,000 LBS. RATED AT TOP OF DRUM (7,500 LB. INTERMEDIATELY) AVERAGE SPEED - 5.5 MPH
- TENSIONING CAPACITY - 6,000 LBS. HYDRAULICALLY, UP TO 10 MPH. FREEWHEEL BRAKING MODE, UP TO 15 MPH.
- DRUM TENSION BRAKES - AIR ACTUATED WIDE BAND STYLE FRICTION DRUM BRAKES THAT OFFER SMOOTH CONTROLLED BRAKING AT HIGH AND LOW SPEED. CAB LOCATED ADJUSTABLE "LIGHT & COARSE" AIR DRAG BRAKE PRESSURE CONTROL PER DRUM. ACTUATED WITH THE FOOT PEDAL BRAKE CONTROLLER FOR COMFORTABLE "NO HANDS" OPERATOR BRAKE OPERATION.
- DRUM AIR BAND BRAKES APPLY AUTOMATICALLY WITH THE LOSS OF AIR LIKE TRUCK BRAKES. THIS OFFERS A SECONDARY SAFETY BRAKE SYSTEM IF THERE IS FAILURE IN THE HYDRAULIC MOTOR, NEGATIVE BRAKE OR CHAIN FAILURE.
- LIGHT TENSION MODE - CAB LOCATED DISPLAY CAN BE SELECTED BY THE OPERATOR FOR LIGHT TENSION (HELICOPTER STRINGING OPERATIONS) THIS MODE OFFERS PRE-SETTABLE TENSION FORCES WITH MINIMUM AND MAXIMUM LIMITATIONS UTILIZING THUMB SWITCH TO FLY THE WIRE. OPERATOR EASES BACK ON THE JOYSTICK TO SLOW THE HELICOPTER WHEN NEEDED TO CLIP THE ROPE IN THE BLOCK AND THEN RE-CENTERS THE JOYSTICK TO THE PRE-SET FLYING TENSION. CAB DISPLAY SHOWS THE OPERATOR LIVE TENSION FORCE AND LINE SPEED IN MPH
- PULLING DRUM CAPACITY - 30,000' OF 11MM HD (7/16") ANTI-TWIST WIRE ROPE
- PULLING DRUMS - (3) FLANGE DIAMETER: 41.5 IN. CORE DIAMETER: 16 IN. WIDTH: 73 IN., INSIDE
- LEVELWIND - SINGLE REAR MOUNTED LEVELWIND HYDRAULICALLY OPERATED FROM CAB JOYSTICK. UP, DOWN AND SIDE TO SIDE. THUMB SWITCH LOCATED ON TOP OF THE JOYSTICK CONTROLS THE SPEED AND DIRECTION OF THE LEVELWIND.
- DRIVE SYSTEM - VARIABLE DISPLACEMENT HYDRAULICS, PLANETARY DRIVE MOTORS WITH NEGATIVE SELF-ACTING HYDRAULIC BRAKE THAT MAINTAINS LINE TENSION IN THE EVENT THE PULL IS STOPPED OR POWER/HYDRAULIC PRESSURE IS LOST WITH NO OPERATOR ACTION NEEDED.
- 12" MASTER TOUCH SCREEN ALLOWS THE OPERATOR TO MONITOR, SET AND ADJUST THE PULLING FORCE, SPEED & TENSIONING FORCE
- JOYSTICK THUMB SWITCH ALLOWS THE OPERATOR TO MAKE FINE ADJUSTMENTS TO PULLING AND TENSIONING FORCE ON THE FLY WITHOUT HAVING TO REMOVE A HAND OFF THE JOYSTICK. PRE-SETTABLE PULL FORCE ALLOWS THE OPERATOR TO SAFELY BREAK THE GRIPPED LOAD & PULL CONDUCTOR UP TO SOFT SAG SAFE AND ACCURATELY.
- HD CHAIN AND SPROCKETS DRIVE THE PNEUMATIC CLUTCH TO ENGAGE AND DISENGAGE PULLING DRUMS. THIS ALLOWS SMOOTH TRANSITION FROM PULLING TO FREEWHEEL BY THE OPERATOR TO ENGAGE AND DISENGAGE THE DRUMS FROM THE CAB.
- ENGINE - 173 HP JCB TIER IV FINAL WATER-COOLED DIESEL ENGINE, WITH 30 GALLON FUEL AND 30 GALLON HYDRAULIC TANK

CUSTOM TRAILER MOUNT

- CUSTOM SHORT HD DESIGNED 5TH WHEEL, THREE AXLE STEP DECK TRAILER. FIXED TANDEM WITH SPRING SUSPENSION AND 3RD REAR AIR LIFT AXLE. 60,000 LB. GVWR, SUPER SINGLE RADIAL TIRES, 42" BOTTOM DECK HEIGHT. HD. HYDRAULIC FRONT JACKS
- WEIGHT WITH ROPE 47,550 LBS, GVWR 68,000 LBS



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