



SPECS

POWER PLANT:

CUMMINS QSB4.5 160, TIER 4 COMPLIANT, 160 HP, 4.5 LITER TURBOCHARGED FOUR-CYLINDER DIESEL
STATE OF THE ART OPERATOR DIAGNOSTIC CAPABILITY, ENGINE DRIVEN AIR COMPRESSOR AND HYDRAULIC PUMP

STANDARD HYDROSTATIC DRIVE TRAIN:

THIS DRIVETRAIN FEATURES TRUE FREEWHEEL CAPABILITY FOR FLYING OFF THE LINE WITH A HELICOPTER AND THE SMOOTH-EST PULL OF ANY PULLER ON THE MARKET. DRUM CONTROL IS SMOOTH AND ACCURATE ENOUGH TO ELIMINATE THE NEED FOR A SAGGING WINCH (ON SMALLER JOBS).

PUMP: INFINITELY VARIABLE FLOW, ELECTRONICALLY CONTROLLED SAUER DANFOSS "SERIES 90" PUMP
MOTORS: ROTARY POWER'S "SMA" SERIES OF MOTORS WITH ROBUST RADIAL PISTON DESIGN AND TRUE FREEWHEEL ABILITY FOR HELICOPTER OPERATIONS

DRUM BRAKES:

INDIVIDUALLY AIR ACTUATED AND COUPLED DIRECTLY TO EACH DRUM, 20 1/4" DIAMETER X 7" WIDE BRAKING SURFACE, INTERNAL EXPANDING TUBE TYPE PROVIDES EXCELLENT CONTROL WITH SMOOTH TENSION WHILE PERFORMING HELICOPTER OPERATIONS
PRECISE AIR REGULATORS PROVIDE INFINITELY VARIABLE BRAKE PRESSURE

WIRE ROPE PER DRUM:

25,000 FT OF 11MM HD (7/16") ANTI TWIST BRAIDED WIRE ROPE PER DRUM
.31 LBS/FT., 22,031 LBS. BREAK STRENGTH, 3.55:1 SAFETY FACTOR = 6,200 LBS.
OLD STANDARD 3/8" - 3X19 SWAGED WIRE ROPE - .30 LBS/FT., 16,780 BREAK
3.55:1 SAFETY FACTOR = 4,727 LBS.

FAIRLEAD: HYDRAULICALLY POWERED, OPERATOR CONTROLLED, POWERFUL ENOUGH TO ALLOW CATCHING OFF
MAXIMUM LINE PULL: 6,000 LB. CONTINUOUS LINE PULL ON FULL DRUM. (8,000 LBS. INTERMEDIATE LINE PULL FORCE)
MAXIMUM LINE SPEED: 600 FPM (6.8 MPH) PULLING; 1,300+ FPM (15+ MPH) PAYOUT

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. LB. GVWR, SUPER SINGLE RADIAL TIRES, 10 HOLD PILOT BUD WHEELS, 42" BOTTOM DECK HEIGHT. HD. HYDRAULIC FRONT JACKS (RUN OFF PULLER POWER UNIT) MANUAL HAND CRANK FRONT LANDING GEAR. HD EXTENDED REAR PUSH BUMPER.
CUSTOM OPERATOR ACCESS STEPS WITH RAILINGS FROM TRAILER TOP DECK TO OPERATOR'S PLATFORM.
(NO CLIMBING LADDERS NEEDED)

DIMENSIONS AND WEIGHT:

OVERALL LENGTH - 32' 2" WIDTH - 102" HEIGHT - 12'
WEIGHT W/ROPE - 57,800 LBS. GVWR - 68,000 LBS.



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*Custom Truck One Source reserves the right to change the specification of any unit at any time without prior notice. This brochure is only a statement of general specifications on the date of this publication.

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