

# TOTAL REFURBS

## New XK-100's from old 90's – Non-DEF engines! Save \$60,000!

Transform your bad shape XK-90 into an XK-100 asset with new 1-year warranty!

This can cost \$60,000 less than new depending on the following:

Tier III Non-DEF engine, 275 HP if available.....Add \$20,000 with any 6-cyl core, exchange

Tier IV DEF engine, 300 HP.....Add \$20,000, no exchange

Hydraulic pump must be rebuildable..... Add new pump if beyond economical repair.

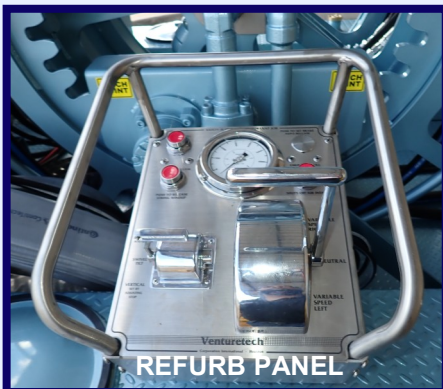
Tilt will be updated. If tilt not fitted.....Add \$4500 to install new tilt w/o hose reel.

10,000 psi HP Head will be updated or added.

We'll give you a hard quote after inspection, teardown, and recert load test.

If your unit includes certain equipment that is new or can be 1-year warranted by us, no replacement of those items.

Everything else is on the attached list of work.



# DETAIL WORK LIST

## SWIVEL

Only swivel body and bail will be reused, everything else is latest XK-100 equipment.  
Load carrying parts will be pull tested, Magnafluxed, and Cat 4 certified to 100 tons.  
XK-90 lettering will be removed from the body; original serial number will remain on the casting.  
New stem, bearings, seals, 7000 ft-lb hydraulic motor, manifolding, valving, and QD's.  
10,000 psi high pressure head is optional if not fitted. If fitted, will be fully updated.  
Swivel will be converted to auto-lube which requires no oil fill.  
New hydraulic swivel joints, torque arms, and safety cables.  
If tilt is fitted, will be updated, or added as option.

## ENGINE & HYDRAULICS

New Tier III non-DEF engine, 225 STD, or 275 HP with any 6-cylinder core.  
New Tier IV new DEF engine, 225 STD, or 300 HP with required DEF tank.  
Hydraulic pump will be rebuilt and 1-year warranted, or replaced if beyond economic repair.  
Hydraulic pump case protection relief valve will be added if not fitted.  
All pressure gauges will be replaced.  
High pressure conventional hydraulic filters will be rebuilt if fitted.  
Our latest high pressure self-cleaning filters are optional.  
Pump filter blocks will receive new valve cartridges.  
New super duty oil cooling system will be installed if not fitted. If fitted will be updated.  
New 4-hose reel will be installed including cooling system manifold.  
Torque box will be rebuilt with new torque gauge, torque setting valve, and inline filter.  
New hydraulic hoses, air hoses, and control umbilical.  
Control panel will be rebuilt or replaced depending on whether tilt is added.  
New air filter-regulator-lubricator and gauges.  
New hydraulic winch.

## TRAILER

Only the bare trailer and tanks will be reused after repair and updates required.  
New heavier-duty axles, torsion springs, bearings, seals, brakes, wheels & tires.  
Swivel rack to be changed to XK-100 with new valve for hose reel, tilt, and winch.  
Gooseneck hitch and drop leg jack will be repaired or replaced.  
New breakaway safety equipment.  
Battery box will be relocated as required.  
Toolbox will be relocated to make room for oil cooler.  
Unit will be sandblasted and repainted, new stickers installed.  
Trailer will be rewired with new LED lighting, reflectors, and truck connector.  
New hydraulic tank suction strainers and diffusers.  
Diesel tank will be upgraded to new standards including desiccant filter if Tier IV engine.

## WARRANTY – ONE YEAR NEW WARRANTY

After torque testing and certification, a new XK-100 name tag will be installed with original serial number.