



#### RESERVOIR CONT.

SPACE SAVING AND COMPACT VERTICAL TANK AND VALVE DESIGN  
30 OR 40 GALLON CAPACITY  
STAINLESS STEEL CONSTRUCTION STANDARD  
TANK TOP 45 OR 100 GPM FILTER ASSY.  
AIR FILTER FOR HYDRAULIC OIL/TANK  
5" COMBINATION FLUID LEVEL TEMP GAUGE  
COMPACT EASILY REMOVABLE VALVE COVER



#### FORWARD CONTROLS

-POPULAR OPTION-

STEERING WHEEL MOUNTED HYDRAULIC CONTROLS FOR

- PLOW UP AND DOWN
- PLOW LEFT AND RIGHT
- BODY UP AND DOWN
- SPREADER OUTPUT INCREASE AND DECREASE
- SPREADER LANE ADD AND SUBTRACT
- SPREADER BLAST AND PAUSE

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**Allied Mobile**  
**Envision** Hydraulics By



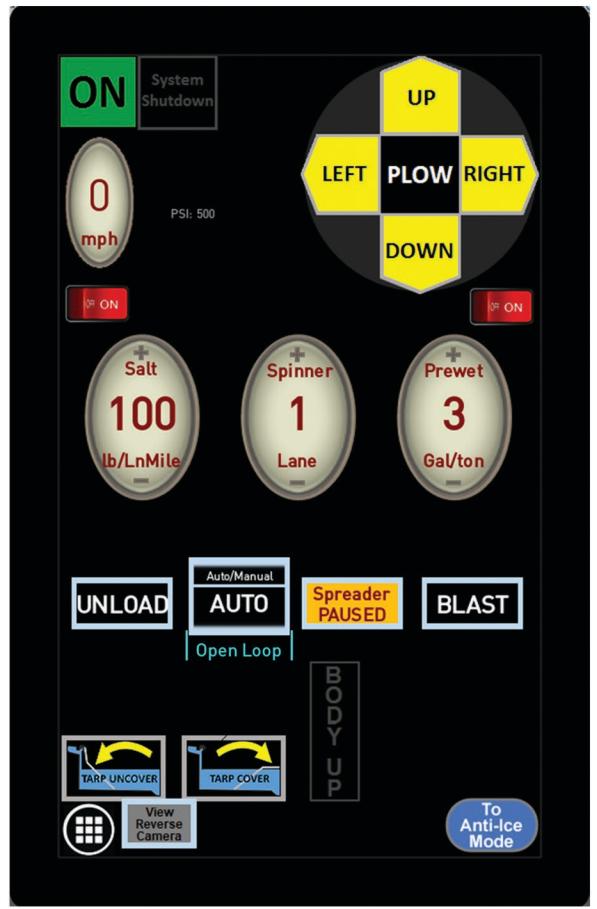
# Allied Mobile Envision

FEATURE PACKED HYDRAULIC SYSTEM

HYDRAULIC POWER AT THE TIP OF YOUR FINGERS...

POINT, TOUCH, DONE.





## TOUCHSCREEN CONTROL

TASK SPECIFIC OPERATOR SCREEN OPTIONS FOR EASE OF USE AND SAFETY LOCKOUTS

COMPACT DESIGN OFFERS MULTIPLE MOUNTING CONFIGURATIONS (CAPABLE OF SEAT MOUNTING)

OPTIONAL TELEMATICS, GPS, OR CELLULAR COMMUNICATION CAPABILITIES

BLUETOOTH COMPATIBLE FOR REMOTE DIAGNOSTICS AND DOWNLOADING

CAN-BUS FOR SIMPLIFIED WIRING

MULTIPLE CAMERA OPTIONS AVAILABLE, (I.E. AUTO REVERSE CAMERA)

ON-BOARD DATA LOGGING STORAGE

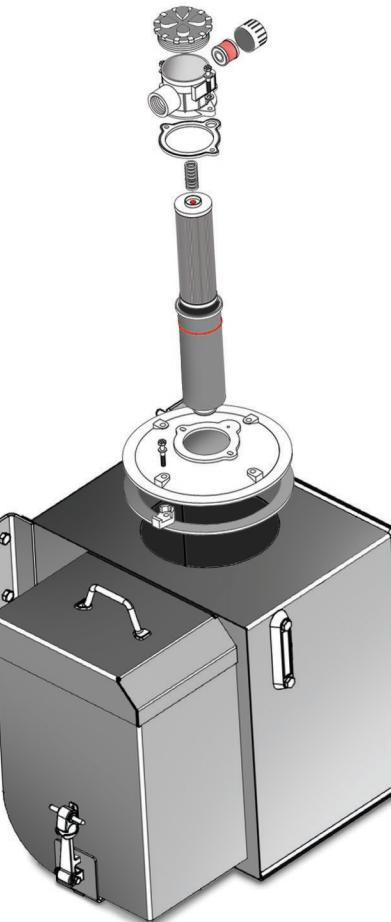
PASSIVE AND ACTIVE SAFETY SYSTEMS FOR LOW/ HOT OIL, BED ELEVATED, AND FILTER FAULT

EXTREMELY LOW AMP DRAW AT LESS THAN 15AMPS

SEAT OR FLOOR MOUNTED CONSOLE ADJUSTS FOR OPERATOR CONVENIENCE AND SAFETY USING POSITIVE STOP BRACKETS TO RESIST MOVEMENT

IN-CAB ELECTRONICS MODULE KEEPS WIRING INSIDE CAB USING LESS SPACE

ANCILLARY CONTROLS CAN BE ADDED SUCH AS STEERING WHEEL CONTROLS, JOYSTICKS, PUSH BUTTONS, ETC.



## RESERVOIR

INDUSTRY PROVEN VERTICAL DESIGN 30 GALLON RESERVOIR TAKES UP LESS SPACE (40 GALLON OPT)

10GA STAINLESS STEEL CONSTRUCTION

TANK TOP FILTER USING NO TOOLS FOR ELEMENT CHANGE

DROP IN FILTER CARTRIDGE OFFERS CLEANER AND MORE ENVIRONMENTALLY ACCEPTABLE SERVICING.

FILTER GAGE PORT FOR SENSORS OR CONDITION GAUGE

10" DIAMETER DOMED CLEAN OUT COVER WITH REUSABLE RUBBER GASKET

2" SUCTION PORT WITH 125 MESH INTERNAL SUCTION STRAINER W/5PSI BYPASS

2-1" AUX. RETURN PORTS W/DIFFUSERS

2-1/2" SENSOR PORTS

3/4" DRAIN PLUG

5" COMBINATION FLUID LEVEL/TEMPERATURE GAUGE

INTEGRAL VALVE MOUNT WITH QUICK ACCESS COVER

## VALVE

PROVEN DESIGN IN MANY OTHER MOBILE MARKETS

FITS ANY TYPE PUMP SYSTEM

MANUAL OVERRIDES STD.

INTERNAL PILOT SUPPLY, LOAD SENSE NETWORK

CAST IRON SECTIONAL VALVE WITH INTERCHANGEABLE SPOOLS

ALL PROPORTIONAL VALVES (ELECTRONICALLY PROGRAMMABLE)

DOUBLE ZINC PLATED VALVE BODY

COMPACT, HIGH FLOW VALVE DESIGN

VALVE RATED AT 5,000PSI WITH FLEXIBILITY OF PROVIDING DIFFERENT PRESSURES ON EACH PORT

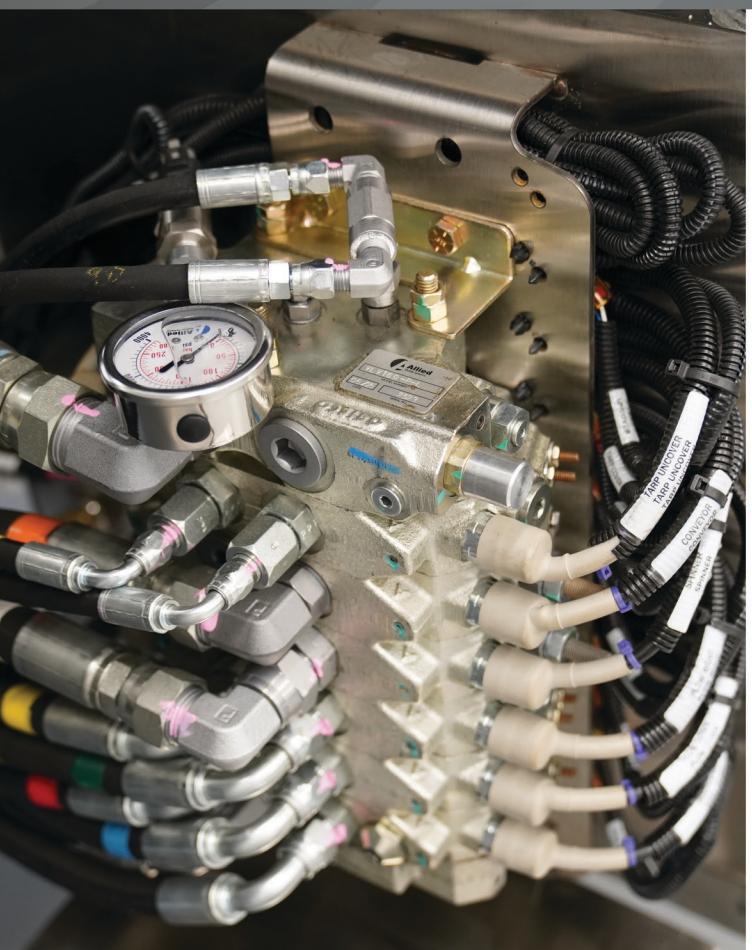
O-RING PORTING

LOW CURRENT COILS (LESS THAN 750mA)

SPOOL LIMITS ARE ELECTRONICALLY PROGRAMMABLE AND CAN ALSO BE MECHANICALLY LIMITED

INTERCHANGEABLE SPOOLS

ALL VALVE CONNECTIONS ARE ILLUMINATED



## HYDRAULIC PUMP OPTIONS

-PISTON PUMP FOR LOAD SENSE APPLICATIONS:

VARIABLE DISPLACEMENT

PRESSURE COMPENSATED

-GEAR PUMP FOR OPEN CENTER OR LOAD SENSE APPLICATIONS:

BI-ROTATIONAL

SIDE AND REAR PORTING

CAST IRON CONSTRUCTION FOR LONG LIFE

MULTIPLE FLANGE AND SHAFT OPTIONS AVAILABLE

WE OFFER OPEN CENTER AND LOAD SENSE SYSTEMS.

MOST ARE OPEN CENTER APPLICATIONS FOR SIMPLICITY AND COST SAVINGS, WITH LITTLE COMPROMISE ON PERFORMANCE.

