



MODEL 2510
TRUCKABLE WORK BOAT 25' 9" X 10' 0" X 4' 0"
NO COAST GUARD LICENSE REQUIRED TO OPERATE

VESSEL SPECIFICATIONS

STEEL

DECK, SIDES, BOTTOM, HEAD LOG AND TRANSOM CONSTRUCTED OF 1/4" STEEL PLATE. ALL STEEL PLATE A-36

HULL FRAMING

DECK AND SIDES FRAMED LONGITUDINALLY. DECK AND SIDES ARE FRAMED WITH 3" X 3" X 1/4" ANGLE ON 24" CENTERS. BOTTOM IS TRANSVERSELY FRAMED WITH 3" X 3" X 1/4" ANGLE SET ON 18" CENTERS. TRANSVERSE BUCK FRAMES CONSTRUCTED OF 4" X 5.4 POUNDS PER FOOT CHANNEL ARE SET 6' 0" FROM BOW AND 7' 6" FROM STERN.

ENGINE ROOM HOUSE

HOUSE IS 7' 0" LONG BY 5' 6" WIDE BY 2' 0" TALL OF 3/16" STEEL PLATE FRAMED WITH 3/8" X 2" FLAT BAR. OVERHEAD HATCH OF 1/4" STEEL PLATE FRAMED WITH 3" X 3" X 1/4" ANGLE. STAIRWAY ENTRANCE IN AFT OF HOUSE WITH OVERHEAD SELF LOCKING HATCH, 5' 0" HEAD ROOM. TWO 16" X 24" FIXED SAFETY GLASS WINDOWS, ONE ON EACH SIDE OF HOUSE. EXHAUST PIPE FOR MAIN ENGINE EXTENDS 7' ABOVE ENGINE ROOM HOUSE WITH GUARDS.

PILOT HOUSE

PILOT HOUSE IS 4' 0" LONG BY 4' 6" WIDE BY 7' 0" TALL. EYE LEVEL IS 10' FROM INSIDE OF PILOT HOUSE. PILOT HOUSE IS CONSTRUCTED OF 3/16" STEEL PLATE AND IS FRAMED THROUGHOUT WITH 3/8" X 2" FLAT BAR. FRONT WINDOW IS 4' X 3' HORIZONTAL SLIDE. SIDE WINDOWS ARE 3' X 3' HORIZONTAL SLIDE AND THE BACK WINDOW IS 2' X 3' VERTICAL SLIDE. ALL WINDOWS ARE ALUMINUM FRAMED WITH SAFETY GLASS. STEEL ENTRY DOOR 2' X 6', LOCATED REAR OF PILOT HOUSE.

HYDRAULIC STEERING SYSTEM

ENGINE EQUIPPED WITH 5 GPM GEAR DRIVEN PUMP MOUNTED TO ENGINE. HYDRAULIC TANK AND SELECTOR VALVE MOUNTED IN ENGINE ROOM WITH 18" HYDRAULIC RAM DRIVING THE RUDDERS. MAIN STEERING ELECTRIC OVER HYDRAULIC STEERING SYSTEM WITH HYDRAULICALLY DRIVEN PUMP AND ELECTRIC JOG STICK MOUNTED TO DASH IN PILOT HOUSE

POWER TRAIN

MODEL 2510 POWER TRAIN PACKAGE 200 H.P. JOHN DEERE

NEW TIER III COMPLIANT JOHN DEERE MODEL 4045 AFM ENGINE, DEVELOPING 200 HORSEPOWER AT 2500 RPMS. ENGINE HAS A TWO YEAR OR 2000 HOUR FACTORY WARRANTY. NEW ZF 280-1 TRANSMISSION WITH 3:1 REDUCTION, ZF FACTORY WARRANTY. AQUAMET 17 STAINLESS STEEL PROPELLER SHAFT MEASURING 7' 0" LONG BY 2 1/4" DIAMETER FITTED WITH A 30" X 20" FOUR BLADE BRONZE "WORK HORSE STYLE" PROPELLER.

ALL ENGINE PACKAGES OUTLINED ARE INTERNATIONAL MARITIME ORGANIZATION (IMO) COMPLIANT. THE ENGINES ARE COMPLIANT WITH IMO EMISSION STANDARDS FOR THE YEAR 2000 AS DEFINED BY REGULATION 13 OF ANNEX VI TO INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS AS MODIFIED BY PROTOCOL OF 1978.

JOHN DEERE ENGINE HORSEPOWER RATINGS ARE BASED ON AN M3 CLASSIFICATION

ENGINE INSTRUMENTATION

ALL ENGINES ARE EQUIPPED WITH FULL INSTRUMENTATION, INCLUDING TACHOMETERS, WATER TEMPERATURE GAUGE, OIL PRESSURE GAUGE, HOUR METER, AND VOLTAGE METER. ALL ENGINES EQUIPPED WITH ENGINE STARTERS IN PILOT HOUSE. ALARMS FOR LOW OIL PRESSURE, HIGH WATER TEMPERATURE, LOW VOLTAGE AND WATER IN FUEL , ARE INCLUDED. ALL ENGINES ARE EQUIPPED WITH JOHN DEERE FUEL / WATER SEPARATOR FILTERS.

ENGINE COOLING

WATER CIRCULATED THROUGH CLOSED SYSTEM CONSTRUCTED OF 8" X 8.5 POUNDS PER FOOT CHANNEL WELDED TO BOTTOM OF HULL.

ELECTRICAL SYSTEM

ELECTRICAL POWER SUPPLY FOR VESSEL FROM ONE HEAVY DUTY 12 VOLT 8-D MARINE BATTERY IN U.S.C.G. APPROVED BATTERY CASE. SIX GANG ELECTRICAL FUSE PANEL MOUNTED IN PILOT HOUSE SUPPLYING SWITCHES FOR ELECTRICALLY POWERED ITEMS. ELECTRICAL ITEMS INCLUDE ONE 16" TRUMPET HORN, ONE GO LIGHT 400,000 CANDLE POWER SPOTLIGHT WITH DASH MOUNTED CONTROL, WHITE AND AMBER LIGHTS, MOUNTED ON TOP OF PILOT HOUSE, AND SIDE MOUNTED RED AND GREEN RUNNING LIGHTS AS REQUIRED BY THE COAST GUARD. OVERHEAD LIGHT IN PILOT HOUSE. ENGINE ROOM HAS ONE 1100 GPH BILGE PUMP POWERED BY ELECTRICAL SYSTEM, WITH AUTOMATIC FLOAT SWITCH.

FUEL CAPACITY

PRESSURE TESTED FUEL TANK HOLDING 250 GALLONS IS MOUNTED IN BOW WITH SINGLE 1 ½" VENT, WITH USCG APPROVED INVERTED CHECK VALVE, AND 2" FILLER WITH CAP. COAST GUARD REQUIRED EMERGENCY FUEL SHUT OFF LOCATED ON EXTERIOR FRONT OF ENGINE ROOM HOUSE WITH SIGN.

RUDDERS

SINGLE ENGINE VESSELS HAVE ONE MAIN STEERING RUDDER AND TWO FLANKING RUDDERS CONSTRUCTED OF 5/16" STEEL PLATE WITH 3/8" x 2" FLAT BAR BRACING AND 2 1/4" DIAMETER COLD ROLL SHAFTS.

ENGINE CONTROLS

ONE SINGLE LEVER MORSE CONTROL WITH 33 C CABLES MOUNTED IN PILOT HOUSE FOR SINGLE ENGINE MODELS AND A SINGLE TWIN LEVER MORSE CONTROL FOR TWIN ENGINE MODELS.

DECK HARDWARE

VESSEL IS EQUIPPED WITH FOUR QUARTER BITS, AND ONE BOW BIT WELDED TO DECK WITH 5/16" STEEL PLATE DOUBLERS. ONE TOW BIT CONSTRUCTED OF 6" PIPE FITTED THROUGH DECK AND WELDED. PIPE EXTENDS TO INTERIOR BOTTOM OF HULL AND WELDED. VESSEL IS EQUIPPED WITH TWO NEW HAND OPERATED 5 TON WINTECH WINCHES. WINCHES ARE BOLTED TO WELDED WINCH MOUNTS LOCATED ON PORT AND STARBOARD BOW. CENTER OF PUSH KNEES ARE SET 42" OFF VESSEL CENTERLINE. PUSH KNEES EXTEND 48" ABOVE DECK AND ARE 6' TALL OVER ALL. PUSH KNEES ARE CONSTRUCTED OF 5/16" STEEL PLATE WELDED TO BOW. PUSH KNEES ARE FACED WITH 10" X 36" X 3" RUBBER PUSH KNEE PADS. VESSEL IS EQUIPPED WITH FOUR PERMANENT LIFTING EYE PADS. ONE EYE IS MOUNTED IN EACH QUARTER OF THE VESSEL. RUB RAILS OF 4" X 5.4 LB PER FOOT CHANNEL WELDED CONTINUOUS TO HULL 4" BELOW DECK LINE. VESSEL EQUIPPED WITH BULL RAILS CONSTRUCTED OF 1/4" STEEL PLATE EXTENDING 12" ABOVE DECK LINE BEGINNING 5' AHEAD OF STERN AND CONTINUOUS AROUND STERN. HAND RAILS OF 3/4" GALVANIZED STEEL ARE AFFIXED TO PILOT HOUSE SIDES.

STEEL PROTECTION

FROM WATER LINE UP THE EXTERIOR OF HULL, DECK AND LOWER HOUSE SAND BLASTED AND SPRAYED WITH ONE COAT SHERWIN WILLIAMS FAST CLAD ZINC PRIMER AND ONE COAT OF SHERWIN WILLIAMS DURA PLATE 235 GRAY. INTERIOR OF HULL AND LOWER HOUSE SAND SWEEPED AND SPRAYED WITH ONE COAT OF SHERWIN WILLIAMS DURA PLATE 235 GRAY. HULL FROM WATERLINE DOWN SAND BLASTED AND SPRAYED WITH TWO COATS SHERWIN WILLIAMS DURA PLATE 235 GRAY. PILOT HOUSE INTERIOR AND EXTERIOR SAND BLASTED AND SPRAYED WITH TWO COATS OF SHERWIN WILLIAMS MACROPOXY 646 WHITE. CAPS OF BITS & BULWARKS, FUEL FILL & VENT, AND HAND RAILS WILL BE PAINTED SAFETY RED. MAIN DECK WILL HAVE NON-SKID SURFACE.

ADDITIONAL CONSTRUCTION INFORMATION

FRONT WINDOW IS INSTALLED WITH STAINLESS STEEL BOLTS WITH NYLON INSERT LOCK NUTS. STERN TUBE IS 3 1/8" X 4 5/8" TUBING, WITH 2 1/4" X 3 1/8" RUBBER STERN BEARING. HULL PENETRATION POINT OF STERN TUBE WELDED CONTINUOUS WITH 5/16" STEEL DOUBLER. STRUTS CONSTRUCTED OF 3/4" X 6" FLAT BAR EXTENDING FROM STERN TUBE TO HULL WITH 5/16" STEEL DOUBLERS WELDED CONTINUOUS. PROPELLER AND RUDDER PROTECTION INCLUDE STEEL SHOE CONSTRUCTED IN "T" STYLE OF 3/4" X 6" FLAT BAR WITH PERPENDICULAR 1/2" X 3" FLAT BAR. SHOE EXTENDS FROM POINT FORWARD OF STERN TUBE TO RUDDER SHAFT. STUFFING BOX IS TWO BOLT BRASS, MOUNTED ON FORWARD END OF STERN TUBE. RUDDER TUBES ARE 2 1/4" X 3 1/2" TUBING. RUDDER TUBES ARE WELDED THROUGH DECK AND BOTTOM OF HULL WITH 5/16" STEEL PLATE DOUBLERS. FRONT WINDOW OF PILOT HOUSE SLANTED FORWARD TO REDUCE GLARE. RUDDER RACK IS 1" GALVANIZED SERRATED GRATING. ENGINE EXHAUST EXTEND ABOVE PILOT HOUSE WITH STEEL GUARD.

APPROXIMATE WEIGHT OF VESSEL IS 24,000 POUNDS

EXTENDED WARRANTY

**EXTENDED MANUFACTURER'S ENGINE WARRANTY AVAILABLE ON ALL ENGINES.
FULL DETAILS UPON REQUEST.**

AVAILABLE OPTIONS

OPTION NO. 1

ZINC ANODE PADS 12 POUND PADS WELDED TO HULL

OPTION NO. 2

STUMP JUMPERS FOR PROPELLER PROTECTION CONSTRUCTED OF 3" DIAMETER SCHEDULE 80 PIPE.

OPTION NO. 3

KOBELT RUDDER ANGLE INDICATOR JASTRAM MODEL RFV 400

OPTION NO. 4

FLOOD LIGHT LED FLOOD LIGHT WITH ON OFF SWITCH MOUNTED ON DASH

OPTION NO.5

NAME ON VESSEL ON PORT, STARBOARD AND STERN. HAILING PORT ON STERN.
ALL IN 6" VINYL LETTERS.

OPTION NO. 6

CUSTOM PAINT COLORS AND PAINT SCHEMES AVAILABLE.

OPTION NO. 7

REMOVABLE REUSABLE INSULATION BLANKETS FOR MAIN ENGINE EXHAUST

OPTION NO. 8

ANTI FOULING PAINT, SHERWIN WILLIAMS BRAND SEA GUARD FROM THE
WATER LINE DOWN

**ALL REQUIRED SAFETY EQUIPMENT INCLUDING LIFE RINGS, LIFE JACKETS,
AND FIRE SUPPRESSION EQUIPMENT IS SPECIFICALLY EXCLUDED FROM
THESE SPECIFICATIONS AND IS THE RESPONSIBILITY OF BUYER**

***SPECIFICATIONS AND PRICES SUBJECT TO CHANGE
WITHOUT NOTICE DUE TO DESIGN CHANGES AND
PRODUCT AVAILABILITY.***

***ALL PRICES QUOTED ARE F. O. B. OUR YARD OF CONSTRUCTION
VESSELS ARE CONSTRUCTED IN THE ORDER THAT CONTRACTS ARE
RECEIVED BY INLAND BOAT WORKS***