



WETLAND

EQUIPMENT COMPANY

118 W MAIN ST. THIBODAUX, LA 70301 PHONE: 985-447-0354 WWW.WETLANDEQUIPMENT.COM

40S AMPHIBIOUS CARRIER

MODEL #: (40S)
420-72-72-40

AMPHIBIOUS BUGGY WEIGHT:
80,000 POUNDS (36,287.36 KG)

PAYLOAD CAPACITY:
40,000 POUNDS (18,143.68 KG)

GROUND PRESSURE: (EMPTY)
1.85 LBS. P.S.I (0.13 KG/CM²)

PONTOON DIMENSIONS:
35' 0" (10.66M) LONG
6' 0" (1.82M) WIDE
6' 0" (1.82M) HIGH

ASSEMBLED DIMENSIONS:
38' 0" (11.58M) LONG
20' 0" (6.09M) WIDE
APPROX. 13' 7" (4.14M) HIGH

DECK SIZE:
35' (10.66M) LONG
20' 0" (6.09M) WIDE

ENGINE SIZE: ENGINE BRAND IS CUSTOMER CHOICE. MINIMUM 350 HP (261 KW)
ELECTRONIC ENGINE GAUGES WITH WARNING LIGHTS AND ALARMS,

PONTOON CONSTRUCTION: EACH PONTOON IS CONSTRUCTED FROM STEEL WITH HARDENED STEEL WEAR STRIPS, HAS 9 COMPARTMENTS 3 BULKHEADS PROVIDING 4 INDEPENDENT WATERTIGHT COMPARTMENTS. THE PONTOON BOTTOMS ARE REINFORCED FOR ROUGH TERRAIN OPERATION.

CHASSIS CONSTRUCTION: 100% ALUMINUM WELDED CONSTRUCTION WITH DIAMOND DECK PLATE AND REMOVABLE HANDRAILS

DRIVE SYSTEM: POWER FOR THE PONTOONS ARE PROVIDED BY THE DIESEL ENGINE, MAIN HYDRAULIC PUMPS, HYDRAULIC TRAVEL MOTORS, BRAKES AND GEARBOXES. PONTOON TRACKS ARE DRIVEN INDEPENDENTLY. FINAL REDUCTION IS PROVIDED BY CHAIN AND SPROCKET. DRIVE AXLES AND SPROCKETS USE SPLINED SHAFTS AND HUBS. NO KEYWAYS ARE USED.



POPULAR USE OF THIS EQUIPMENT INCLUDES: EQUIPMENT OR PERSONNEL TRANSPORTATION, PIPE LINE MAINTENANCE, SWAMP/MARSH OR WATER CROSSING, DREDGING, AND SEISMOGRAPH.

40S AMPHIBIOUS CARRIER

SPEED: UP TO 1.5 MPH ON HARD DRY SURFACE & 0.5 MPH IN WATER (2.4 KM/H DRY LAND, 0.8 KM/H WATER)

GRADEABILITY: 100% GRADE

STEERING: STANDARD TRAVEL CONTROLS ONE FOR EACH TRACK IS USED. CAPABLE OF COUNTER ROTATING BY PUSHING ONE LEAVER AND PULLING THE OTHER WITHOUT MOVING BACK AND FORTH OR USING ANOTHER PIECE OF EQUIPMENT FOR ASSISTANCE



DRIVE CHAIN: HEAVY DUTY DOUBLE CRIMPED ROLLER CHAIN

TRACK CHAIN: FOUR STRANDS OF HEAVY-DUTY 4" (101.6 MM) PITCH MARSH BUGGY TRACK CHAIN PER PONTOON.

TRACK CLEATS: SPECIALLY DESIGNED 4" (101.6 MM) MARINE GRADE, EXTRUDED ALUMINUM ALLOY CLEATS WITH 2 WEAR PAD PER CLEAT

BEARINGS: PONTOONS HAVE BEARINGS ON ALL FOUR CORNERS. NO BUSHINGS ARE USED

PONTOON TRACK CHAIN ADJUSTMENT: TRACK CHAIN ADJUSTMENTS SHALL ADJUST FULL LIFE OF CHAIN WITHOUT REMOVAL OF TRACK CHAIN LINKS OR CLEATS. MINIMUM OF 18 IN (457MM) ON FRONT AND REAR OF PONTOON

PAINT: BLASTED, ZINGED, PRIMED, THEN (CUSTOMER COLOR CHOICE) EPOXY TOP COAT. INSIDE PONTOON PRIMED TO PREVENT RUST (STANDARD COLOR BLACK PONTOONS WITH YELLOW OR BLUE CHASSIS AND DECK)

MOST POPLAR UPGRADE OPTIONS:

WINCH: 40,000 LB. PULLS WITH FAIRLEAD

OPERATOR CAB WITH HEAT AND A/C: 5' (1.52M) WIDE X 5' (1.52M) LONG X 6' (1.82M) TALL

CRANE, CORE DRILLS, SEISMIC DRILLS, V DITCHERS, U DITCHERS, PLOWS, MOWERS, ETC.

FEATURES:

- * LARGER PONTOONS FOR EXTRA FLOTATION,
 - * WIDER OVERALL FOR STABILITY IN WATER AND SAFETY OF OPERATOR
 - * EXTRA-LONG TRACK CHAIN ADJUSTERS (LIFE OF CHAIN ADJUSTERS)
 - * WELDED CONSTRUCTION FOR EASE OF TRANSPORTATION
 - * PILLOW BLOCK BEARINGS MOUNTED VERTICALLY @ EACH CORNER
 - * CAN BE MODIFIED TO FIT YOUR NEEDS FOR CURRENT JOB AND FUTURE JOBS
 - * MEASUREMENTS ARE APPROXIMATE PENDING UPGRADED OPTIONS
 - * ALL OUR PONTOONS ARE BUILT WITH PATENTED FEATURES TO REDUCE DOWN TIME AND IMPROVE PRODUCTIVITY TO KEEP MACHINE WORKING LONGER. THESE PATIENTS KEEP COST DOWN FOR THE EQUIPMENT OWNER AND HE CAN PASS THE SAVINGS TO HIS CUSTOMER
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