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10S AMPHIBIOUS CARRIER

MODEL #: (10S)

288-48-48-2C-104T

AMPHIBIOUS BUGGY WEIGHT:

21,000 POUNDS (9,525.44 KG)

PAYLOAD CAPACITY:

10,000 POUNDS (4,535.92 KG)

GROUND PRESSURE: (EMPTY)

0.85 LBS. P.S.I (0.06 KG/CM²)

PONTOON DIMENSIONS:

21' 6" (6.55M) LONG

4' 0" (1.21M) WIDE

4' 4" (1.32M) HIGH

ASSEMBLED DIMENSIONS:

23' 6" (7.16M) LONG

14' 0" (4.26M) WIDE

APPROX. 9' 6" (2.89M) HIGH

DECK SIZE:

22' (6.7M) LONG

14' 0" (4.26M) WIDE

ENGINE SIZE: ENGINE BRAND IS CUSTOMER CHOICE. MINIMUM 225 HP (167.78 KW) ELECTRONIC ENGINE GAUGES WITH WARNING LIGHTS AND ALARMS,

PONTOON CONSTRUCTION: EACH PONTOON IS CONSTRUCTED FROM ALUMINUM WITH HARDENED STEEL WEAR STRIPS, HAS 6 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.

105 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 LEVER 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: TWO 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 1 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: UNPAINTED ALUMINUM (PAINTED UPON REQUEST)

MOST POPLAR UPGRADE OPTIONS:

WINCH: 12,000 LB. PULL 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 PATENTS KEEP COST DOWN FOR THE EQUIPMENT OWNER AND HE CAN PASS THE SAVINGS TO HIS CUSTOMER