



# Pontoon Marsh Buggies

Customized to the Application



*Kori marsh buggies transport people and material from staging area to work site in wetland areas.*

*Kori marsh buggies are routinely customized to mount cable plows, cranes, winches, or geophysical drilling equipment.*

*Call Kori to match the marsh buggy to your specific job requirement.*

- ❖ Cat Diesel Engine
- ❖ Hydrostatic Propel System
- ❖ Cat Power Train Components on Kori pontoons (Swivel, motors, XT-5 Hose)
- ❖ Cat Dealer Parts Support
- ❖ Kori's 30 years experience manufacturing amphibious marsh buggy products

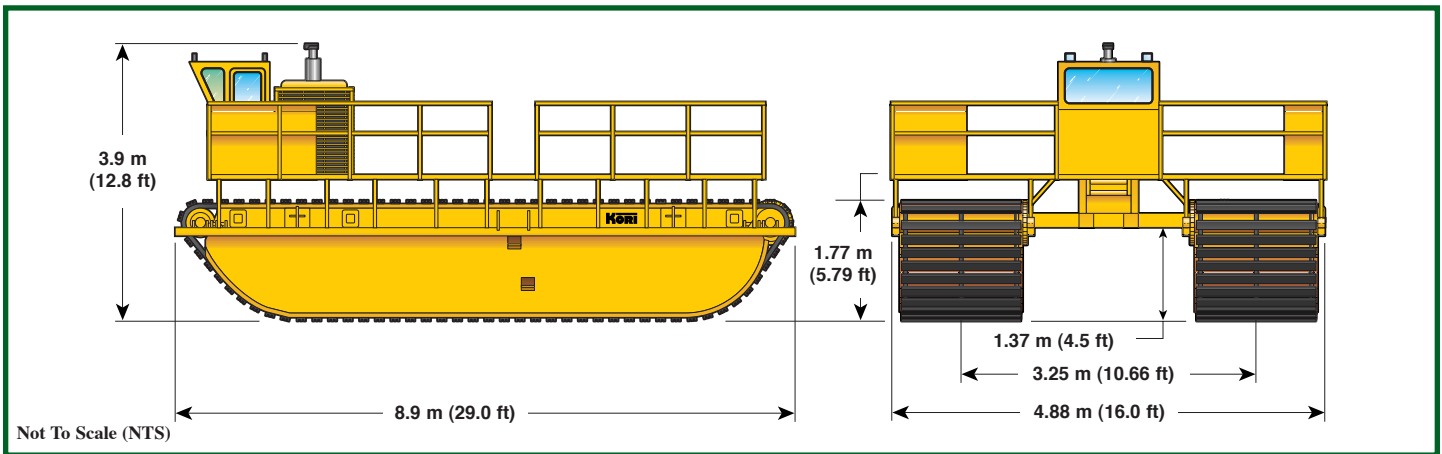
- \*Vehicle Transport Weight 23,082 kg (50,783 lb)
- \*Ground Contact Pressure .137 kg/cm<sup>2</sup> (1.4 psi)
- \*Load Carrying Capacity 3,636 kg (8,000 lb)

\* Based on standard Kori personnel carrier. Will vary depending on mounted equipment.

## Individual Pontoon Dimensions/Weight (for transport)

Height	.....1.76 m (5.79 ft)
Width	.....1.52 m (5.0 ft)
Length	......8.8 m (29.0 ft)
Weight	......8,233.18 kg (18,091 lb)

## Marsh Buggy Dimensions - Standard Personnel Carrier Platform



\* Based on standard Kori personnel carrier. Will vary depending on mounted equipment.

**Construction** - Kori Pontoons are manufactured from ASTM Cor-ten steel. Cor-ten steel is five to eight times more resistant to corrosion than ASTM A36 steel, thereby allowing the use of pontoons in brackish water without affecting the pontoon's structural integrity. The pontoon bottoms are also reinforced, for rough terrain operation. Each pontoon has six independent watertight compartments ensuring pontoon buoyancy should one compartment ever be punctured.

**Track Shoes** - Specially extruded 6061-T6 aluminum channel with thicker web and flanges, capable of supporting the pontoon and its payload. Two plastic support blocks bolt to each track shoe, to prevent shoe bending.

**Track Chains** - Three (3) strands of heavy duty 4 in. pitch track chain per pontoon. The track chain's hardened rollers run in special pontoon channels hard surfaced with Astralloy®. This system matches pontoon wear to roller wear and keeps the chain properly aligned.

**Drive Chains** - High-strength, heavy-duty offset drive chain transfers power from the final drive output to the main sprocket that drives each track.

**Hydrostatic Drive** - The pontoon tracks are powered by a Caterpillar diesel engine driving variable displacement piston pumps. Each pontoon's sealed planetary final drive receives hydraulic power from its independent hydraulic motor. Each track is controlled independently. This allows forward travel, reverse travel and counter rotation of the tracks.

Maximum Drawbar Pull: 10,847 kg (23,863 lb)

Maximum Travel Speed: 4.83 kph (3.0 mph )

**Customization** - Kori will customize marsh buggies to specific customer requirements such as cable plowing, personnel carriers, lift platforms, or for geophysical drilling.



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