

## SHANK'S® RECOVERY POOL LIFT TABLE TECHNICAL INFORMATION

### General Information

Our first Shank's® Recovery Pool Lift Table was built in 1995 and was designed to be anchored inside a water tank/pool. The table has the capability to raise to be flush with the floor surrounding the pool, and lower an animal into the pool for water-based "Hydro-Therapy" recovery. The table is comprised completely out of 300 series stainless steel.

### Table Top/Frame

The table top frame is made of stainless steel square tubing. The table top surface is covered by a stainless steel woven mesh that provides the necessary strength and also allows the water to pass through it. The table top is 45½ wide x 141½ long. A removable access door is fabricated into the table top to access the empty pool for maintenance, cleaning, etc. The table top can be adjusted in size, if necessary to fit the parameters of the existing tank.

The table top has built in adjustable roller guides that keep the table centered within the tank as the table is raised or lowered. These guides assure safety during movement of the table.

The table operates on a scissor type lift, to assure even support during raising and lowering.

### Hydraulic System

The hydraulic system for the Pool Lift Table consists of a self-contained power unit with a 10 HP, 3-phase power unit, preset at 850 psi, complete with a pressure gauge, counterbalance, relief valve, and 15 gallon reservoir tank. The system is controlled by a solenoid operated keyed station with push button controls, all enclosed within a stainless steel sealed box.

The table is lifted via two stainless steel submergible cylinders. The hydraulic system is connected via thermoplastic hose, stainless steel fittings and connections.

The table is rated for 2,500 lbs.

### Operation

The fully lowered height of the table is approximately 24". The table is capable of raising to a height of 102".