

SHANK'S® CUSTOM STAINLESS STEEL V-TABLE TECHNICAL INFORMATION

General Information

Our first Shank's® Custom Stainless Steel V-Table was built in 1996 and was designed for use during surgery on hogs. The specifications listed below are what has been built in the past, but this table can be customized to fit your specific needs.

Main Frame/Standard Equipment

The table top is made of 304 stainless steel. The table top has a total lateral surface area of 26" x 84". The table top has six hinged wings that fold in an approximate 45° "V". The four corner hinged wings are 12" wide by 18" long and the center hinged wings are 12" wide by 35" long. All wings have five different tilt positions via a manual prop bar. The wings have a square tube port that allow for leg pole placement at various positions. The center of the table top has a drain trough running under the full 84" length for drainage of fluids.

The base of the table is made of structural steel. The entire base frame has a hot dip galvanize coating with an acrylic enamel topcoat (grey in color). The table is equipped with 6" swivel casters. The table has two-way tilt capability (by retraction of one pair of casters), and a lowered height of approximately 15½".

The table comes equipped with a set of 4 leg poles that are 24" in height and are made of 304 stainless steel. The poles are equipped with adjustable tie loops for leg tie off at various heights.

The base frame can be built entirely out of stainless steel, as a customization. In addition, the table can be made to the "stationary" and anchored directly to the floor, or in the floor of a recessed pit.

Hydraulic System

The hydraulic system for this table consists of a 1HP, 1 gallon reservoir self-contained power unit that operates on either 110V/60 cycle or 220V/50 cycle electric current. The hydraulic system is controlled by a 3-bank manual control valve. The table top is raised and lowered via two double acting hydraulic cylinders. The casters can be retracted (in pairs) via two double acting cylinders. The amount of tilt from head to tail is approximately 6", or about 15 degrees.

The table is rated for 2,000 lbs.

Operation

The table can support an animal in dorsal or lateral recumbency. To support an animal in lateral recumbency, the wings should be flat. To support an animal in dorsal recumbency the wings should be propped into a "V" and the leg poles should be attached to the table. Hand adjusted stainless steel thumbscrews secure the leg poles into the square ports located on all sides of the table top.