

SHANK'S® PORTABLE FLOOR MODEL EQUINE SURGERY TABLE

TECHNICAL INFORMATION

General Information

The Shank's® Portable Floor Model Equine Surgery Table is on casters and completely mobile within a clinic environment. It has a self-contained hydraulic system and merely requires a drop cord for access to power. This table has 2-way tilt capability (approximately 6" of tilt) via manipulation of the hydraulic controls. Together with all available extensions, the table can be adapted to easily allow the user to perform surgery in either dorsal or lateral recumbency, and is suited well for a variety of animal types. The Portable Floor Table when fully lowered is 12-1/2" high.

Main Frame

The main frame is made of structural steel. The padded top is 3' wide by 6' long; a 3' x 7' top can be special ordered. The top is padded with one layer of 1-1/2" Ensolite® foam and one layer of 3/16" vinyl. The top has square ports located on all sides for placement of all optional pieces.

The metal frame of the table is coated with a hot dip galvanize coating. This coating is a process whereby the metal components are dipped into molten zinc at approximately 850°F. This results in a formation of a zinc and zinc-iron alloy coating which is metallurgically bonded to the steel. Galvanized coatings are recommended for their corrosion resistance more than for their appearance. Visually, the coating may have a matte gray appearance which is duller than a typical bright finish. Testing shows that hot dip galvanized steel has an average of 10 years of protection to 5% rust. The galvanized coating is then painted with an acrylic enamel topcoat for additional protection.

The table comes with the following standard equipment: three padded flat extensions for head and leg support in lateral recumbency. Optional extensions are described below.

Hydraulic System

The hydraulic system consists of a 1 HP, 1 gallon reservoir self-contained power unit complete with a control valve that operates on either 110V/60 cycle or 220V/50 cycle electric current. The table top is raised and lowered via two 3 1/2" x 12" double acting hydraulic cylinders with chrome plated ram. The Portable Model has two additional 2" x 6" double acting cylinders that extend and retract the casters in pairs. This additional hydraulic function allows the Portable Model approximately 6" of tilt from end to end when one pair of casters is retracted and one pair is extended.

The table is rated for 2,500 lbs.

Operation

For support in lateral recumbency, the three 22" x 26" flat extensions are used to support the legs and head. For support in dorsal recumbency, the v-shaped adjustable head extension and set of four leg tie poles with accompanying padded dorsal props are used. Other extensions are available for use in colic surgery, arthroscopic surgery, etc. Hand adjusted thumbscrews secure all extensions into the square ports located on all sides of the surgery table top. Thumbscrews also secure the adjustable portions of the extensions with separate movable parts.

Optional Accessories

Below is the name and accompanying description of all optional accessories:

7' top - This option provides a 7' long top, instead of the standard 6' top.

6" x 24" removable cutouts- This option alters the layout of the table top surface. It provides for 6" x 24" removable padded cutouts in the center of each side of the padded table top. The cutouts are secured

with thumbscrews and when removed, provide closer access area to an animal.

Set of four leg tie poles and dorsal props - Two leg tie poles are 4' long and two are 5' long. The dorsal props are 9" x 11" in size and are fully padded. The props can slide up and down the pole and be secured at any position. In addition, four tie loops are furnished to be used in conjunction with each leg tie to secure one or more feet. The tie loops slide up and down the pole and can be secured at any position.

V-shaped adjustable head extension with removable sides- This head support extension has removable 9" x 14" side pieces to allow for access to an animal's eyes or ears. If both side panels are removed, the remaining 12" x 26" center piece can also be used as an additional flat extension. The entire extension is adjustable at varying angles or can be flat/flush with the table surface.

Small shoulder extension- This triangular-shaped extension is designed to be used in conjunction with a flat extension for additional support of a large animal that may extend over the side of the table top. The extension can be used on either side of the table top.

Stainless steel intestinal tray- This 19" x 31½" tray is completely stainless steel with the bottom tubing support bracket being structural steel. The extension is adjustable up and down and the tubing piece that slides into the port on the side of the table top and holds the base of the tray has two different spacer rings. These rings allow the tray to be placed at two different distances from the table top to accommodate different size animals. Another common use of this tray is as an instrument tray.

Free standing base for stainless steel intestinal tray - This is a free standing mobile base on wheels that can be used to support the Stainless Steel intestinal tray separate from the surgery table.

Lateral arthroscopic leg bracket- This telescoping extension has a padded "U" cup for support of the animal's leg during lateral arthroscopic surgery. The extension adjusts up and down and swings a full 180 degrees.

Pair of dorsal arthroscopic leg brackets- These small extensions are designed for placement on the leg tie poles to be used for support of the animal's leg/hooves in dorsal recumbency. The extensions have several adjustment positions.

SS IV Bag Pole - This Stainless Steel extension has two hooks on the top for hanging an IV bag. It is adjustable in height, and will fit into any square port located on the table top.

P/S extension storage cart- This movable cart has been designed to hold all extensions while not in use to minimize wear and tear, and to make it easier to move all extensions into and out of the surgery room. The cart comes with four swivel casters and a handle.

Extension and table pads- These pads are made with a 2.0 pound density foam that is covered with 18 oz. vinyl coated nylon fabric. All seams are sealed with vinyl cement to assure a completely watertight cover. Normal thicknesses are 6" for extension pads and 10" for the table pad. Different sizes and thicknesses can be special ordered.

Padded recovery hood- This vinyl coated hood is made with Ensolite® foam and has double padding around the eyes, along with an adjustable strap for fastening the hood on the animal. The hood comes in four sizes- neonatal foal, foal, regular and warmblood/draft horse.

Looped hobbles- These inexpensive hobbles are a quick and easy lifting mechanism to use in conjunction with an overhead hoist for movement of an anesthetized animal from induction to surgery to recovery. They are sold in a set of 2 pieces. Each piece has two loops and a steel lifting ring. The hobble sets are available in three sizes: foal, regular, and XL size for warmblood/draft horse. We also make a Single Looped Hobble to be used on one leg.