



FLOOR BASED EQUIPMENT

LIFT TABLES

Special Application Industrial Lift Tables

Avon Engineering specializes in building high capacity, high duty hydraulic lift tables, scissors lift tables and work platforms for many different applications.

Our lift tables are built with welded steel construction and comply with AWS D1.1 and meet or exceed ANSI Standard MH29.1 Safety Requirements for Industrial Lifts. Structural members, including frames, scissors arms, push blocks, and roller channels, are fabricated from high section modulus steel to provide exceptional stiffness and strength. Top and bottom channel rollers are captured to minimize deflection and maintain rigidity. A locking pin is provided to secure the legs in an open position for safety during maintenance procedures.

MODEL STXS SCISSORS LIFT

The model STXS is Avon Engineering's workhorse for high capacity industrial applications.



Features of the Model STXS include:

- Top and base frame fabricated from welded steel tube, channel and plate.
- Greasable or oil impregnated bushings.
- Captured top and bottom channel rollers.
- Precision flame-cut scissors arms.
- Top limit switch.
- Internal or external mounted hydraulic power units.
- All NEMA 12 electrical components.
- Double acting lift cylinders.

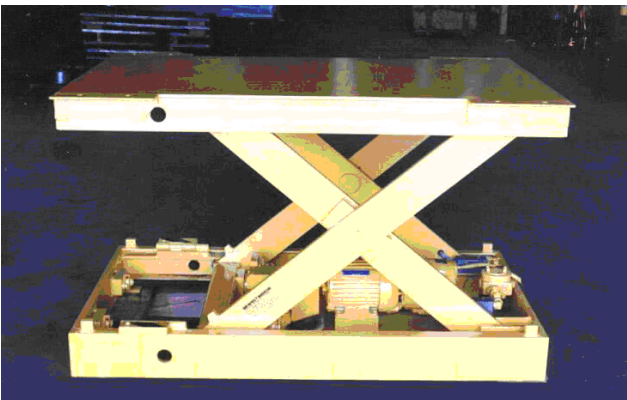


MODEL STX WITH TILT TOP



This coil discharge hydraulic lift table features a hydraulically operated top platform that lifts, lowers and discharges rolls to one side.

MODEL STX CAM STYLE LIFT



This scissor lift table was designed for applications that require a low collapsed height and high weight capacity. The model STX scissers lift table uses a cam-roller assembly that is mounted on displacement-type hydraulic cylinders to open the scissers arms.

STX-SCR MECHANICAL SCREW-ACTUATED SCISSORS LIFT



The STX-SCR scissor lift table uses a mechanical screw, driven by an electric gear motor, to raise and lower the platform. This table is designed for applications where hydraulics cannot be used or for extremely precise load positioning.

MODEL STXS-TC TRAVERSING SCISSORS LIFT TABLE



These 15,000-pound capacity traveling scissers lift tables are rail mounted. They provide an ergonomic solution for feeding material in a steel blanking facility. The scissers function permits the platform to index down as the stack height builds.

MODEL STXXS DOUBLE HIGH LIFT



This double-high hydraulic scissers lift table allows extended vertical travel with a compact platform length. It is ideal for applications such as sheet-stacking and transferring materials between different levels in a building.

JET ENGINE TEST CELL LIFT



This 12,000-pound capacity scissor lift table platform is 23' x 44' and is used in a commercial jet engine test cell.

MECHANICAL LIFT CARTS



A nuclear facility project in Washington State recently ordered several highly engineered scissors lifts including a 9,000-pound capacity triple high lift cart and three 4,000-pound capacity high scissors lift extraction carts.

CUSTOM DOUBLE LONG LIFT



This custom double long scissors lift is used by a major flooring manufacturer to index sheets of linoleum flooring.

AERIAL WORK PLATFORMS



These 1,000 pound, hydraulically operated aerial maintenance lifts are dependable, affordable and generally maintenance free. They can pass through 36-inch doorways and fit into standard elevators for use in multi-story buildings. In spite of their high capacity, they are light weight and easy to transport between work sites.

STANDARD LIFT TABLES

MAX-Lift Scissor Lift Table

The MAX-Lift Series represents the ultimate in industrial lift table safety with standard features that are either optional or not available on other lift tables. These models can be used in above-floor or in-floor applications.



Features of the MAX-Lift scissors table:

- Capacity from 2,000 to 6,000 pounds
- Travel from 24 to 60 inches
- Deck sizes from 24 by 36 inches to 48 by 108 inches
- Built-in safety bars
- Trapped top and bottom scissors arms
- Grease fittings on pivot points and cam rollers
- Magnetic backed control box

Options for the MAX-Lift Scissor Lift Table:

- Foot control switch.
- Accordion skirting or roller curtain skirting.
- Tapered toe guards for pit mounting.
- Rotating top.
- Casters
- Special controls
- Stainless steel tops
- Special paint to your specifications
- Special electrical controls

CUSTOM SCREW LIFTS



This 8,000 pound capacity lift has a platform that is 24 feet long and 54 inches wide. Its 68-inch vertical travel is made possible by six screw jacks that are all powered by a single 40 HP electric motor.



These twin arbor lifts can handle 60 ton turbine shaft assemblies. One lift is stationary while the other moves on air bearings to adjust to the shaft length. Both lifts rise to the desired work height on screw jacks.

Solving Material Handling Problems

Below-the-Hook ♦ Floor Based ♦ Slit Coil Packaging

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