



H. C. DAVIS SONS Manufacturing Co., Inc.

Box 395, Bonner Springs, Kansas 66012 U.S.A. Pj 913.422.3000 Fj 913.422.7220

SOIL MIXING Without the Guesswork!

Peat, Vermiculite, Perlite, Sand, Soil, Bark, Wood Shavings, Styrofoam, Lime, Chemicals & Fertilizers Are **Precision Mixed In Only Three Minutes.**

Davis Soil Mixers assure predictable consistent soil, batch after batch, and are built to provide many years of dependable service. We have been building Mixing Equipment since 1894 with our first Soil Mixer built in 1951. Davis Mixers are used throughout the country by many leading nurseries, greenhouses, growers and garden centers. They enjoy the assurance of uniform plant growth, time after time, because their growing media is consistent. A list of our users will be gladly sent upon request.

Davis Soil Mixers are built in 15 sizes from 1/5 to 21 cubic yards per batch.

When mixer is built on legs, a container or conveyer may be placed directly beneath the outlet.

Operator controls the rate of discharge by varying gate opening. A hand wheel controls the gate.

Power may be provided by an electric motor, diesel engine or tractor P.T.O.

HD-5 HEAVY DUTY MIXER

Mixing Capacity of 1 cubic yard per batch

Built with high legs and shown with protective guards removed



DAVIS MANUFACTURING HAS BEEN DEDICATED TO PRODUCT QUALITY, RELIABILITY AND LONGEVITY SINCE 1894.

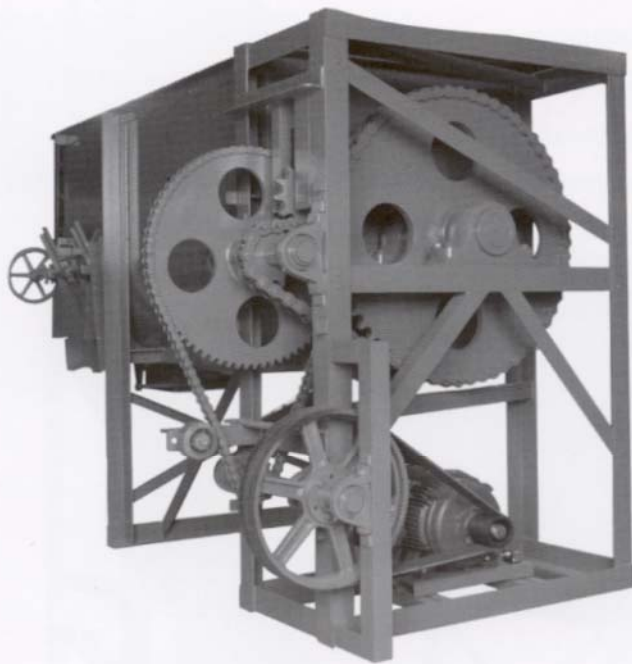
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SOIL MIXING—WITHOUT THE GUESSWORK

UD-30 ULTIMATE DUTY MIXER

Mixing Capacity 4.2 cubic yards per batch
Shown with high legs and with protective guard removed for illustrative purposes



Compare the substantial drive components (bearings, shafts, sprockets, chains, etc.) and the heavy steel tank and framework that we use in construction with any other mixer on the market. When making this comparison, keep in mind that your hard earned dollars are at stake. Our quality construction can help give you a competitive edge.

The benefits of a DAVIS mixer are twofold.

Requiring only three minutes to mix, it will help you produce soil more efficiently, saving time and money. In addition, the more thoroughly mixed soil will allow you to produce larger and more consistent plants, adding further to your bottom line.

Built with heavy sprockets, chains, shafts, gears, bearings, sheaves and belts, as well as a thicker tank for blending heavier mixers, which contain a high percentage of sand or soil.

A water pipe may be added to any Davis mixer. It will evenly distribute water over the entire mix. All you do is connect a garden hose to the pipe.

MIXING CAPACITY IN CUBIC YARDS

Levels of Construction	1/5	2/5	2/3	1	2.2	3.2	4.2	5.5	6.7	9.3	13	15	17	19	21
Standard Duty Models for mixing soil containing up to 20% sand	S-1	S-2	S-3	S-5	S-10	S-20	S-30	S-40	S-60	S-80	S-100	S-120	S-140	S-160	S-200
Heavy Duty Models for mixing soil containing up to 40% sand	HD-1	HD-2	HD-3	HD-5	HD-10	HD-20	HD-30	HD-40	HD-60	HD-80	HD-100	HD-120	N/A	N/A	N/A
Super Duty Models for mixing soil containing up to 60% sand	SD-1	SD-2	SD-3	SD-5	SD-10	SD-20	SD-30	SD-40	SD-60	SD-80	SD-100	N/A	N/A	N/A	N/A
Ultimate Duty Models for mixing soil containing up to 80% sand	UD-1	UD-2	UD-3	UD-5	UD-10	UD-20	UD-30	UD-40	UD-60	N/A	N/A	N/A	N/A	N/A	N/A

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SOIL MIXING—WITHOUT THE GUESSWORK

The most important part about purchasing a mixer is choosing the most appropriate agitator.

Mixing is our specialty. We build several different agitators for a wide range of applications. Besides various ribbon agitators we offer paddle agitators with various paddle sizes and designs to suit each application. It's simply a matter of having the necessary experience building mixing equipment to do the job right...

OUR EXPERIENCE DATES BACK TO 1894.

The Davis **Sawtooth Paddle Agitator** is a must for soil mixing. Its uniquely designed paddles are notched to relieve the pinch point and pressure between the tank and the agitator. This creates a gentle lifting and tumbling action that circulates and mixes without breaking down valuable ingredients such as vermiculite, perlite and fertilizer.

Soil is mixed in only 3 minutes. The gentle mixing action and short mix time combine to **protect the integrity of your media.** Our experience and testing has taught us that ribbons, augers and other types of agitators simply don't perform as well as our Sawtooth Paddle Agitator.

There is a delicate balance between providing **JUST ENOUGH action** to mix and TOO MUCH action that breaks down the important friable ingredients.

Designed and built for 4 generations by a family owned business dedicated to product Quality, Reliability and Longevity... and personal attention to each customer.

Quality is our heritage and our future. Good enough will not do... IT MUST BE RIGHT.

SAWTOOTH PADDLE AGITATOR

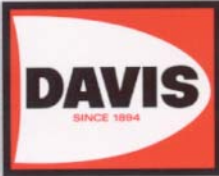


S-10 STANDARD DUTY MIXER

Mixing capacity 2.2 cubic yards per batch

Shown with sawtooth paddle agitator and high leg





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DAVIS BELT CONVEYORS

AVAILABLE IN 12", 18" AND 24" WIDTHS. FROM 12' TO 40' LONG.



FEATURING:

- Capacity boosting 3-inch cleats and pleated sidewalls.
- High strength textured belting with built in acid and abrasion resistance.
- 8" diameter textured head and adjustable tail pulleys that combat belt slippage and cracking.
- Drive consisting of speed reducer with oil cooled gears and direct connect TEFC motor.
- Wheels may be added to make unit portable.
- Designed and built to last... rather than to sell parts.



**BUILT EXPRESSLY FOR
CONVEYING POTTING SOIL
CONTAINING:**

Sand, Dirt, Peat, Bark,
Wood Chips, Chemicals,
Fertilizer, etc.

**Please contact us by Phone, E-mail, or Fax Today for a
Catalog, Quotation, List of Users in Your Area or any
other information.**

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