



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

www.hcdavis.com

info@hcdavis.com



BELT and SCREW CONVEYORS

Built for Conveying a Variety of Materials including:
Potting Soil containing: sand, dirt, peat, bark, wood chips,
chemicals, fertilizers, pumice, corir fiber, perlite, etc.

Livestock feeds including: silage, haylage, liquid molasses,
high moisture grain, brewer's grains, hay and manure.

**Plus many more materials can be
conveyed. Contact us for more details.**

**Davis 18" Conveyor
Overall Length 14 feet**

Equipped with 3" cleats
every 12 inches to
prevent backfall. Plus 3"
pleated sidewalls.

Wheels are added to
make the unit portable.



**Davis Model UD-10 Mixer with 6 foot Belt
Conveyor**

Side outlet discharge with manual wench to
raise and lower belt conveyor. Shown with pro-
tective guards removed.

Box 395, Bonner Springs, Kansas 66012 U.S.A.

T) 913.422.3000 F) 913.422.7220

Davis Model HD-5 Mixer and 12" Slide Belt Conveyor

Conveyor with Overall Length of 16 feet and portable wheels. Mixer with bottom outlet, loading scale, and casters. Shown with protective guards removed.

Davis 18" Slide Belt Conveyor
Equipped with standard legs

Two Different Wheel Configurations:

Shown above. One designed for maximum portability, with caster wheels to easily move the conveyor on a hard level surface.

Shown below.

Belt Conveyor designed for pivot-assisted conveying with thrust bearing under the tail.

Davis Model HD-30 and 18" Slide Belt Conveyor

Conveyor with Overall Length of 14 feet and pivot-assist wheels. Mixer with side outlet, rack and pinion with manual handwheel. Shown with protective guards removed.

TAKE ADVANTAGE OF OUR EXPERIENCE



100A Roller Mill with Vertical Auger

With discharge spout to guide feed into bin and Horizontal Auger underneath mill to force-feed vertical auger. Shown with protective guards removed.



200AP Portable Roller Mill

With angled auger and hopper for loading the mill. Additional angled auger with hopper beneath the mill for unloading. Shown with protective guards removed.

H.C. DAVIS BUILDS AUGERS

Upgrade your milling or feed operation today.

10' Angled Loading Auger

with hopper, belt drive, and motor. Many capacities and lengths are available for loading and unloading all varieties of Davis equipment.



12" Angled Auger with Pivot Wheels

Includes a loading hopper with thrust bearing underneath for pivoting the auger.



P) 913.422.3000

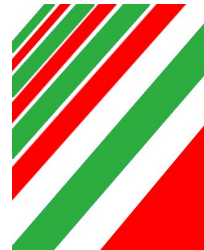
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CAPACITY AND DELIVERY HEIGHT OF 12", 18", and 24" CONVEYORS

Capacity is directly related to the density or weight per cubic foot of the product being conveyed. Our conveyor runs 125 belt feet per minute. Based on belt speed as follows on material with the following weights per cubic foot.

12" CONVEYOR

15 pounds per cubic foot material: 7.5 tons per hour
250 pounds per minute

30 pounds per cubic foot material: 15 tons per hour
500 pounds per minute

50 pounds per cubic foot material: 25 tons per hour
800 pounds per minute

75 pounds per cubic foot material: 35 tons per hour
1160 pounds per minute

**CAPACITY OF 18" CONVEYOR IS 50% GREATER
CAPACITY OF 24" CONVEYOR IS 2X GREATER THAN THAT OF 12" CONVEYOR**

To determine actual weight per cubic foot of any product, weigh 1 gallon and multiply the weight times 7.5.

DELIVERY HEIGHT 12" AND 18" CONVEYORS

LENGTH OF CONVEYOR	DELIVERY HEIGHT	GROUND DISTANCE NEEDED
12'	6' 6"	10' 1"
14'	7' 7"	11' 9"
16'	8' 8"	13' 5"
18'	9' 9"	15' 1"
20'	10' 10"	16' 9"
22'	11' 11"	18' 5"
24'	13' 1"	20' 2"
26'	14' 2"	21' 10"
28'	15' 3"	23' 6"
30'	16' 4"	25' 3"
32'	17' 5"	26' 11"
34'	18' 6"	28' 7"
36'	19' 7"	30' 3"
38'	20' 8"	31' 11"