

Conventional Auger | 8", 10" and 13" models



Model 1041

Conventional Auger 8" / 10" / 13" The gearbox, featuring left- or right-side drive, is positioned to allow the auger to reach deeper into the bin. The ductile casting houses quality oil seals, ball bearings and casehardened, forged gears, meaning the auger runs smoothly and requires less power. 8", 10" and 13" models are available with an optional reverse shift gearbox. Double flighting intake has a brass bushing on all conventional auger intake guards. The narrow safety guard and removable clevis hitch improve access to bins with small auger ports. A storage bracket holds the clevis hitch when not in use.

PRODUCT OVERVIEW

- › Manufactured for high-capacity with heavy-duty construction
- › Wide stance undercarriage
- › Lengths of up to 61'

FEATURES

- › 7 gauge flighting in 10" models
- › Heavy-duty reversible gearbox

OPTIONS

- › Light kit which features a quick-connect coupler
- › Multiple drive options available
- › Poly spout and poly hopper

The top drive uses #60 roller chain on most 8" models, while #80 roller chain is used on the 861, 10" and 13" models.

Belt-drive engine models are equipped with a self-leveling motor mount and a self-tensioning belt system. Belt guards are included.

Reliable safety clutch winches are included.



Model 841

The top drive is housed in a sealed oil bath and features a chain-tightener.

The wide stance of the undercarriage improves stability and is constructed using square tubes to enhance strength and durability.

Features



Undercarriage

The wide stance of the undercarriage improves stability and is constructed with square tubes to enhance strength and durability. In addition to being well balanced, the undercarriage features automotive-type hubs and bearings that improve ease of handling.



Transport

The sturdy lightweight assembly allows the conventional auger to be easily transported. The trailing swivel wheels can be raised hydraulically to allow for increased turning radius as well as smooth transitions over uneven terrain.



Top Drive

The top drive is housed in a sealed oil bath and features a chain-tightener. The components in the sealed oil bath are resistant to heat, dust, debris and moisture, reducing maintenance and enhancing the longevity of the chain and sprockets.



Poly Spout

Flexible poly spout for accurate bin filling is optional. Also optional is a poly hopper to minimize spillage.



Frame

Hardened steel square tubing frame provides a solid foundation.



Intake

The double-flighting intake increases grain flow. A narrow safety guard and removable clevis hitch improve access to bins with small auger ports.



Options



Auger Mover

The two-wheeled auger mover easily adapts to the entire line of Farm King conventional augers. The auger mover is constructed with the farmer in mind with easily accessible hydraulic controls, hydraulically adjustable auger height and sturdy frame construction.

The auger mover features two durable hydraulic motors to power the wheels, controlled by a user-friendly T-bar control.



[1] Quickly position - With a turn and a twist of the T-bar, the auger can be quickly moved into position. **[2] Drive Wheel** - Each drive wheel comes standard with an over center wheel locking mechanism to ensure that there is no further movement once the auger is in place. These drive wheels also include a single ring gear located on the inner rim. The hydraulic motor connects to the gear ring to avoid slippage when maneuvering the auger. **[3] Belt Drive** - Each auger mover is belt driven by the conventional auger motor. The heavy-duty motor operates the hydraulic pumps necessary to control every aspect of the mover. **[4] Hydraulic Lift** - Each Farm King mover has a hydraulic lift to easily elevate the auger to the appropriate height. This feature eliminates the manual winch, reducing operator fatigue.



Single Person Operation

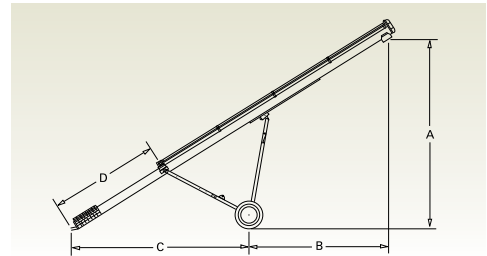
The T-bar is one of the most user-friendly auger control system on the market today. To operate the T-bar, simply, turn the handlebars in the desired direction, similar to a bicycle. Rocking the T-bar up or down, like a motorcycle throttle, powers the hydraulic motors to move the auger forward and backward.

Two levers are conveniently positioned above the T-bar. One lever operates the hydraulic winch to adjust the height of the auger to match the height of the bin. The second lever controls the hydraulics that lift the trailing swivel wheels for transport.

Specifications

MODEL	831	836	841	851	861	1031	1036	1041	1051	1061	1336
Tube width	8"					10"					13"
Tube length	31'	36'	41'	51'	61'	31'	36'	41'	51'	61'	36'
Wheel track	6' 0"	6' 6"	7' 6"	8' 2"	10' 2"	6' 0"	6' 6"	7' 8"	9' 9"	10' 2"	7' 5"
Belt drives	Double	Double	Double	Double	N/A	Triple	Triple	Triple	Triple	Quad	Triple
Tube (gauge)											
- Top	14	14	14	14	14	14	12	12	12	12	12
- Center	-	-	-	-	14	-	-	-	-	12	-
- Bottom	-	14	14	14	14	-	12	12	12	12	12
Flighting	10 gauge	10 gauge	10 gauge	10 gauge	10 gauge	7 gauge	7 gauge	7 gauge	7 gauge	7 gauge	1/4"
Flighting shaft	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"
Drive line	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 1/2"
Gasoline hp (3450 RPM)	10 - 12	10 - 12	12 - 16	18 - 20	N/A	18	22	24	28	45	30
- Belt pulley	3 1/2"	3 1/2"	3 1/2"	3 1/2"	N/A	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"
Electric hp (1725 RPM)	9	10	12	15	15	15	17	18	20	20	22
- Belt pulley	6"	6"	6"	6"	N/A	6"	6"	6"	6"	6"	6"
- Direct pulley	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"

AUGER MOVER	CONVENTIONAL AUGER SIZE
C502	8" x 41' and under
C503	8" x 51' and over
C504	10" x 41' and under
C505	10" x 51' and over
C506	13" x 36'



MODEL	831	836	841	851	861	1031	1036	1041	1051	1061	1336
A, up	16' 0"	18' 1"	28' 3"	35' 2"	42' 0"	16' 0"	16' 8"	28' 3"	35' 2"	42' 0"	19' 1"
A, down	8' 5"	10' 0"	12' 2"	13' 2"	13' 0"	8' 5"	9' 5"	10' 5"	12' 10"	13' 0"	9' 9"
B, up	11' 11"	14' 10"	13' 6"	15' 8"	21' 5"	11' 11"	13' 3"	13' 11"	16' 10"	21' 5"	13' 2"
B, down	13' 2"	14' 0"	18' 2"	22' 1"	29' 2"	13' 2"	13' 8"	18' 1"	22' 2"	29' 2"	14' 3"
C, up	14' 3"	16' 9"	15' 4"	20' 0"	23' 2"	14' 3"	17' 10"	15' 3"	19' 0"	23' 2"	16' 4"
C, down	16' 0"	19' 8"	21' 7"	26' 10"	30' 6"	16' 0"	20' 8"	21' 5"	26' 9"	30' 6"	19' 5"
D	8' 6"	12' 2"	12' 3"	14' 1"	6' 0"	8' 4"	12' 7"	11' 10"	14' 2"	6' 1"	10' 10"



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