

Farm King AUGER GUIDE

SPECIFICATIONS / OPTIONAL EQUIPMENT / USAGE GUIDE
OPERATIONAL SPEEDS / TRACTOR REQUIREMENTS



BACK SAVER

10" / 13" / 16" Models

Farm King



Options:

- Remote Swing
- Electric Winch & Mover Kit
- Hydraulic Winch & Mover Kit
- Teleswing - 13" & 16"
- 1000 RPM Speed Reducer
- Steering Kits - 13" & 16"
- Transport/Work Light Kits 10"&13" (13114 & 16" Models STD)

Highlights:

- Scissor lift undercarriage design used on all models
- Reverser kits standard
- Top thrust bearings
- Single or multi flighting hoppers for all 10" & 13" models
- Lower power requirements than all major competitors
- 13114 & 16124 models feature steel trussing, strongest in the industry

TELE SWING

FULLY RETRACTING SWING AUGER
9' of travel including 18" of working travel, 13" hopper height



SPECIFICATIONS

MODEL	1050	1060	1070	1080	1370	1385	1395	13114	1684	16104	16124
Tube Thickness	12 Ga								10 Ga. &11 Ga		
Flighting	7 Ga				1/4"						
Flighting Shaft	11 Ga. 2-3/8"Dia.				11 Ga. 3"Dia.				11 Ga. 4"		
Bridging	3/8" Cable		1/2" Cable					Steel Trussing	1/2" Cable		Steel Trussing
Wheels & Hubs	15" x 5" 5 Bolt				15" x 5" 6 Bolt	15" x 8" 6 Bolt		16.1" x 14" 8 Bolt	15" x 10" 6 Bolt	16.1" x 14" 8 Bolt	22.5" x 16" 10 Bolt
Hopper Dimensions (W x L X H)	43.5" x 60" x 14.25"/11.75"				43.5" x 60" x 16.25"/13"			43.5" x 60" x 13"	48" x 60" x 15.5"		
Hitch Weight			840 lbs		1480 lbs	1810 lbs	1520 lbs	2700 lbs	2300 lbs	2460 lbs	4010 lbs
Approx Weight	2545 lbs	2987 lbs	3354 lbs	3622 lbs	5175 lbs	6381 lbs	6683 lbs	15,500 lbs	11,000 lbs	13,000 lbs	23,500 lbs
Minimum HP	60 HP	65 HP	70 HP	75 HP	95 HP	110 HP	120 HP	170 HP	170 HP	190 HP	300 HP
Cap. Wheat*	6600 bu/hr				11,900 bu/hr				14,500 bu/hr		15,200 bu/hr
Cap. Canola*	6400 bu/hr				11,600 bu/hr				14,300 bu/hr		15,000 bu/hr
Cap. Corn*	6300 bu/hr				11,400 bu/hr				14,200 bu/hr		14,800 bu/hr
Cap. Oats*	6100 bu/hr				11,000 bu/hr				13,600 bu/hr		14,500 bu/hr

*Estimate using multi-flight hopper - Capacity may vary based on various factors, for Teleswing units add 30% capacity.

*For units equipped with Teleswing - Add 1800 lbs for 13", 2200 lbs for 16". Add 10% for hitch weight

AUGER TO BIN GUIDE

BIN SIZE	1050	1060	1070	1080	1370	1385	1395	13114	1684	16104	16124
2404	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3006		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3008			✓	✓	✓	✓	✓	✓	✓	✓	✓
3010				✓		✓	✓	✓	✓	✓	✓
3012							✓	✓		✓	✓
4206			✓	✓	✓	✓	✓	✓	✓	✓	✓
4208				✓		✓	✓	✓	✓	✓	✓
4210							✓	✓		✓	✓
4212								✓		✓	✓
4806			✓	✓	✓	✓	✓	✓	✓	✓	✓
4808						✓	✓	✓	✓	✓	✓
4810							✓	✓		✓	✓
4812								✓			✓
5408							✓	✓		✓	✓
5410								✓		✓	✓
6008							✓	✓		✓	✓
6010								✓		✓	✓
6012											✓

* Bin size code: 6012 = 60' diameter 12 rings high (each ring is 44"), Roof angle of 28°

* Auger to Bin Guide is a guideline only - For more information contact your local Farm King Dealer

Farm King



- Reversible gearbox
- Conversion hoppers
- Poly spouts
- Self propelled movers
- Linear accuator
- Hydraulic winch (41', 51' & 61')
- Tube mounted electric drive

- CX2 series augers have a 24" double flighting intake for greater capacity
- A self-propelled moving system is available for all sizes (exception CX2-861)
- Level engine mount
- Wooden self-lubricating bearings used on CX2 series drive to reduce maintenance

$(H + 1/2D) \times 1.4 = \text{Auger Length}^*$

H = Height from eave of bin to ground
D = Diameter of bin

*This formula is used for estimates only, for more information contact your Farm King Dealer Representative.

MODEL	C831	C836	C1031	C1036	C1336	CX2-841	CX2-851	CX2-861	CX2-1041	CX2-1051	CX2-1061
Tube Thickness	14"				12"	14"			12"		
Fighting	10"		7"		1/4"	10"			7"		
Fighting Shaft	1-1/4"		2-3/8"			1-1/4"			2-3/8"		
Drive Line	1-1/4"		1-3/8"		1-1/2"	1-3/8"					
Drive Options	D/E/P							D	D/E/P		
Self Propelled Option	YES							NO	YES		
Approx. Weight	1020 lbs	1188 lbs	1233 lbs	1420 lbs	1844 lbs	1382 lbs	1723 lbs	2085 lbs	1748 lbs	2080 lbs	2617 lbs
Minimum HP	12-14	12-14	20	22	30	20	25	25	28	32	38
Cap. Wheat bu/hr*	3340	3340	4730	4730	4730	3650	3650	3650	5800	5800	5800
Cap. Canola bu/hr*	3270	3270	4630	4630	4630	3580	3580	3580	5675	5675	5675
Cap. Corn bu/hr*	3200	3200	4530	4530	4530	3500	3500	3500	5550	5550	5550
Cap. Oats bu/hr*	3130	3130	4430	4430	4430	3420	3420	3420	5430	5430	5430

D = Direct Drive / E = Engine Belt Drive / P = PTO Belt Drive

*Estimate - Capacity may vary based on various factors.



Utility & Unloading Augers

MODEL	Y411	Y416	Y421	Y611	Y616	Y621	Y811	Y816	Y823	Y1010E	Y1010H
Tube Diameter	4"	4"	4"	6"	6"	6"	8"	8"	8"	10"	10"
Tube Length	11'	16'	21'	11'	16'	21'	11'	16'	23'	9'	9'
5' Extension	N	N	N	N	N	N	N	Y	N	N	N
10' Extension	Y	Y	Y	Y	Y	Y	N	Y	N	N	N
Flighting	12 Ga.	12 Ga.	12 Ga.	12 Ga.	12 Ga.	12 Ga.	10 Ga.	10 Ga.	10 Ga.	12 Ga.	12 Ga.
Tube Thickness	16 Ga.	16 Ga.	16 Ga.	16 Ga.	16 Ga.	16 Ga.	14 Ga.	14 Ga.	14 Ga.	16 Ga.	16 Ga.
Drive Type	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Hydraulic
Recommended HP	0.5-1	0.5-1	0.5-1	1-4	1-4	1-4	3-10	3-10	3-10	3-5	12
Flow Control	Option	Option	Option	Option	Option	Option	Option	Option	Option	N/A	N/A
Bolt On Spout	Option	Option	Option	Option	Option	Option	N/A	N/A	N/A	N/A	N/A
Flex Spout	Option	Option	Option	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A