

# BackSaver Auger

Model: 10", 13", 16"

# Farm King

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MEASUREMENTS										
MODEL >>	1050	1060	1070	1080*	1370	1385	1395*	13114	1684	16104
Wheel track	9'	10'	12'	12'	12'	12'	12'	14' 6"	13' 4"	14' 6"
A, height †										
- lowest	11' 2"	11' 3"	12' 6"	13' 6"	13' 7"	13' 8"	14' 8"	10' 9"	13' 2"	14' 10"
- half way	23' 6"	27' 6"	30' 3"	34' 3"	31' 9"	36' 6"	40' 6"	42' 8"	-	-
- highest	36'	43' 8"	48'	55'	50'	59' 6"	66' 4"	78'	57'	77' 4"
B, forward reach										
- lowest	26'	30' 3"	35' 8"	45' 7"	36' 11"	45' 4"	55' 4"	63' 6"	44' 10"	57' 8"
- half way	-	-	33' 5"	41' 10"	33'	39' 8"	48' 3"	58' 2"	42'	52'
- highest	18'	22' 3"	27' 10"	34' 9"	27' 5"	31' 10"	38' 9"	47' 2"	33' 4"	36' 1"

† All measurements taken with 18" hitch height. 'A' lowest is overall transport height, half way and highest are spout to ground measurements. \*includes 10' extension.

SPECIFICATIONS										
MODEL >>	1050	1060	1070	1080*	1370	1385	1395*	13114	1684	16104
Size	10" x 50'	10" x 60'	10" x 70'	10" x 80'	13" x 70'	13" x 85'	13" x 95'	13" x 114'	16" x 84"	16" x 104'
Tubing	12 gauge				12 gauge				1 and 2: 10 ga. 3 and 4: 11 ga.	1 and 2: 10 ga. 3, 4 and 5: 11 ga.
Flighting (Measured from centre of flighting strip)	7 gauge				1/4" flighting in swing-away and main auger				1/4" on swing and main auger	
Flighting shaft	11 gauge, 2-3/8" diameter				11 gauge, 3" diameter				11 gauge, 3.5" diameter	
Undercarriage	3" x 3" x 1/8" square tube				70' - 3-1/2" x 3-1/2" x 3/16" square tube; 85' and 95' - 4" x 4" x 1/4" square tube			5" x 5" x 1/4" square tube	5" x 5" x 1/4" square tube	
Lift arms	2" x 5" x 3/16" tube				1/4" formed tubing upper, 7 gauge lower				1/4" formed tubing	
Bridging	3/8" cable on 50' and 60' models, 1/2" cable on 70' and 80' models				1/2" cable			Steel tube trussing	Upper: 3/4" cable	Upper: 3/4" cable Side: 1/2" cable
Wheels and hubs	15" with 5 bolt automotive type hubs and bearings				15" with 6 bolt automotive type hubs and bearings			6 bolt hubs, 11 L x 15 x 8 ply	6 bolt hubs, 11 L x 15 x 8 ply	8 bolt hubs, 16.5 L x 16.1 x 10 ply
Swing auger drive	Two internal gearboxes (PTO driven), sprocket and chain				Two internal gearboxes (PTO driven), sprocket and chain				-	-
Hopper dimensions	43-1/2" x 60"				43-1/2" x 60"				48" x 60"	
Standard hopper height from ground	15-1/4" at heel end, 14-1/4" at other end				16-3/4" at heel end, 16-1/4" at other end				n/a	n/a
Multi-flighting hopper height from ground	11-3/4" at both ends				12-3/4" at both ends				13-1/2"	13-1/2"
Tractor requirements - min PTO hp (with 540 RPM PTO) - approx. hydraulic requirements for lift	40 hp 1000 PSI	48 hp 1000 PSI	55 hp 1000 PSI	65 hp 1000 PSI	80 hp 1200 PSI	90 hp 1200 PSI	100 hp 1200 PSI	165 hp 1700 PSI	1000 RPM/PTO 150 hp 1500 PSI	1000 RPM/PTO 175 hp 1500 PSI
Hitch weight	-	-	840 lb	-	1140 lb	1270 lb	-	2700 lb	2,200 lb	2,700 lb
Weight	2,545 lb	2,987 lb	3,354 lb	3,622 lb	5,175 lb	6,381 lb	6,683 lb	15,500 lb	11,000 lb	13,000 lb