

MERIDIAN

AUGERS

14" SWING AUGER



MERIDIAN



Since launching our product line 65 years ago, Meridian has set the standard of excellence in the storage and handling industry. Meridian has continuously incorporated the latest technological innovations to meet our customers' ever-changing needs. Meticulous attention to quality and detail reflect the attitude of an enthusiastic and skilled production team, lending confidence to each Meridian customer of a superior and dependable product. Meridian's best references are the thousands of customers who have experienced the quality, service and value Meridian has become known for.

Meridian's heavy duty augers are built to be efficient and versatile, accomodating any job. Our frame design allows for better weight distribution, which makes it easier to move the auger and provides stability when the auger is operating in the raised position. Our self leveling, low profile hopper with patented drive system provides maximum efficiency, and our swing auger flighting is the best in the industry. At Meridian, we want to help our customers get their work done faster and more efficiently. Our products are designed with the features that farmers need and constructed using high-quality parts and industry-leading manufacturing techniques, meaning they keep performing, season after season.





TALLER. STRONGER. BETTER.

The Meridian 14" is a colossal grain mover that takes heavy duty to a whole new level. Our 14" is moving more grain, faster, smoother and quieter than any auger on the market. From its massive undercarriage structure, to its unique truss system, this mammoth auger moves up to 16,000 bushels an hour with durability and ruggedness that is unmatched.

GREAT FEATURES. GREAT QUALITY.

- ▶ Truss system
- ▶ Each cable works on a three point system to eliminate cable sag between lock points
- ▶ Cable sag leads to the main auger tube bending downwards (known as "drooping")
- ▶ Side cables located at main auger to reduce tube sway
- ▶ Hydraulic worm gearbox located at the hopper lift arm
- ▶ Heavy duty gearboxes
- ▶ High capacity mechanical drive swing auger
- ▶ Head-end features a heavy duty thrust bearing
- ▶ Product overflow doors located at the discharge end of the auger
- ▶ Electric mover on swing
- ▶ 1000 rpm pro speed with a speed reducing gearbox
- ▶ Powder coated finish

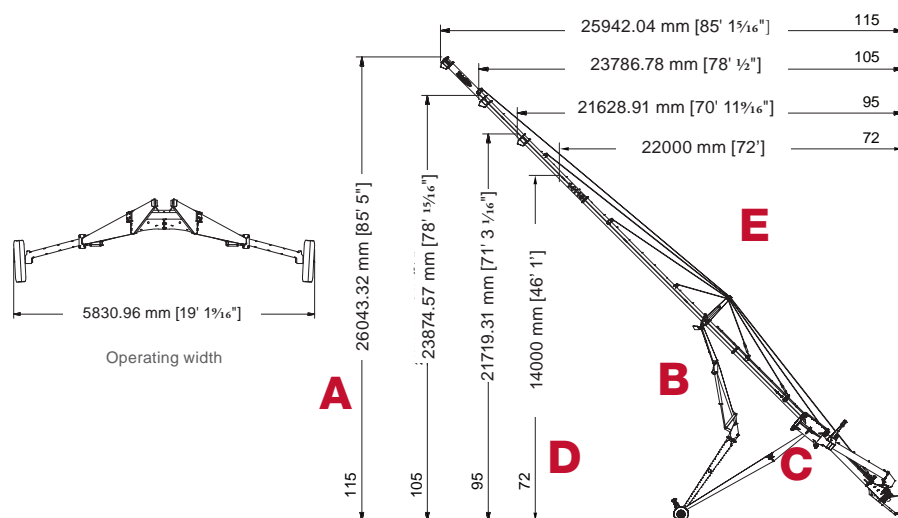
FARMER'S FIRST CHOICE



EASE OF USE.

Product overflow prevents plugging the auger when the bin has exceeded its capacity of product.

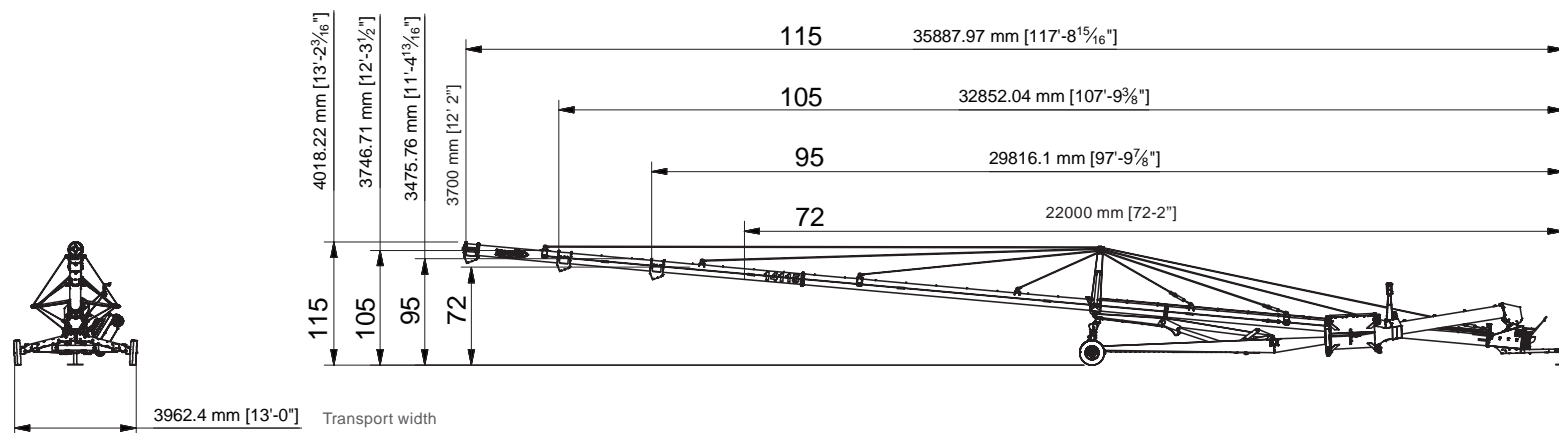
14" AUGER



		14-72		14-95		14-105		14-115	
		Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
A	RAISED	46' 1"	14	69' 3"	21.11	76' 4"	23.27	83' 4"	25.40
	LOWERED	12' 2"	3.7	9' 4"	2.85	10' 3"	3.12	11' 1"	3.38
B	RAISED	25' 0"	7.6	36' 2"	11.02	36' 2"	11.02	36' 2"	11.02
	LOWERED	6' 8"	2	5' 3"	1.60	5' 3"	1.60	5' 3"	1.60
C	RAISED	30' 4"	9.3	37'	11.28	37'	11.28	37'	11.28
	LOWERED	36' 6"	11	46'	14.02	46'	14.02	46'	14.02
D	RAISED	26' 3"	8	29' 8"	9.04	36' 9"	11.20	43' 9"	13.34
	LOWERED	33' 0"	10.1	46' 7"	14.20	56' 8"	17.27	66' 6"	20.27
E	TUBE LENGTH	72'	22	95'	29.00	105'	32.00	115'	35.05
	SWING LENGTH	XX	XX	20' 5"	6.22	20' 5"	6.22	20' 5"	6.22

AUGER TUBE	14" OD x 11 gauge tubing
AUGER FLIGHT	1/4" flight on 3" core
DRIVE	Tractor PTO 1000 rpm
LIFT	Dual 5 1/2" Cylinders, Lifting Pressure 2200 psi
SWING AUGER	Low Profile, PTO driven, machined sprockets with case hardened teeth, high speed roller chain
UNDER CARRIAGE	Formed Steel Frame, 18" Wheels
POWER REQUIRED	200 HP - 250 HP Tractor
CAPACITY PER HOUR	14,500 - 15,000 Bushels per hour
HOPPER SIZE	48" x 60" x 12 1/4"

*The 14"x 72' c/w our standard frame/under carriage and the 14x95-115' have Meridian's new innovative frame.

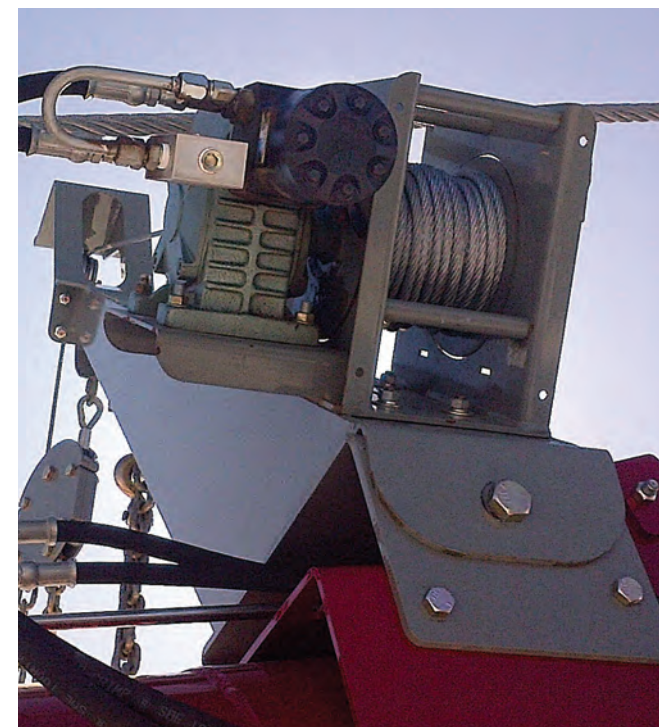


FEATURES & OPTIONS

STANDARD FEATURES



- Meridian's Patented Super Edge flighting for increased capacity and longer life
- Quieter operation – what all Meridian augers are known for.
- Large 16" Swing Hopper feeding a thirsty auger
 - o Hopper drive system includes machine cut sprockets and heavy duty roller chain
 - o Patented left and right flighting in hopper
 - o Remote control electric drive on hopper
- Formed Undercarriage frame structure for added strength and stability
- Patented Telescoping Axle design
 - o 12' transport position used when moving
 - o Wider 19' position for great stability when operating
- HD reversing Gear box
- PTO holder
- Patented truss system eliminates sagging. Reduces noise and increases auger life.
- Heavy duty tires
- Long continuous flighting sections. No short pieces welded together.
- HD Splined flighting connections
- Pressure Relief Doors at head end to protect auger from plugging
- 3 year warranty. Built stronger. Built heavier. Lasts longer.





EXPERIENCE THE ADVANTAGES

Meridian is committed to manufacturing the highest quality products – with a full range of storage and handling options designed for any size of farm operation. Our vast network of dealers and customers across North America are ready to share with you their Meridian experience and how our family of products help to save time and money. The Meridian team of 1000-plus trained and dedicated employees delivers a superior product and is constantly looking at ways of improving our product line so we can better serve our customers.



Storage and Handling | Experience the **Advantages**

14 INCH SWING AUGER

www.MeridianMFG.com