

AUGERS

MERIDIAN[®]



MERIDIAN[®]

AUGERS



PEOPLE

The driving force at Meridian Manufacturing is the committed ingenuity of employees and dealers, as well as relationships built with our valued customers. Our team takes pride in the work we do and are committed to delivering innovative and reliable storage and handling products.



PRODUCTS

For Meridian Manufacturing, integrity means setting standards in product and service excellence. As a proven industry leader, our commitment to product innovation and customer support is our greatest pursuit.



PERFORMANCE



Our people and products deliver quality performance for you and your operation. We believe that when you are successful, so are we.

MERIDIAN AUGERS

SMOOTH, FAST, & RELIABLE



Augers that run smoother, run longer. The Meridian Auger's Continuous Super-Edge Flighting™ runs quieter and smoother than other flighting, reducing operating stress and offering capacities up to 15,000BPH. With over 70 years of proven experience, you can depend on Meridian augers.

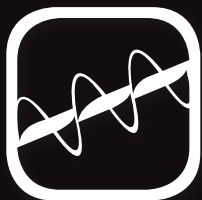


14" SWING AUGERS



THE **MERIDIAN 14" SWING AUGER** IS **RELIABLE, QUIET & MOVES UP TO 15,000BPH**

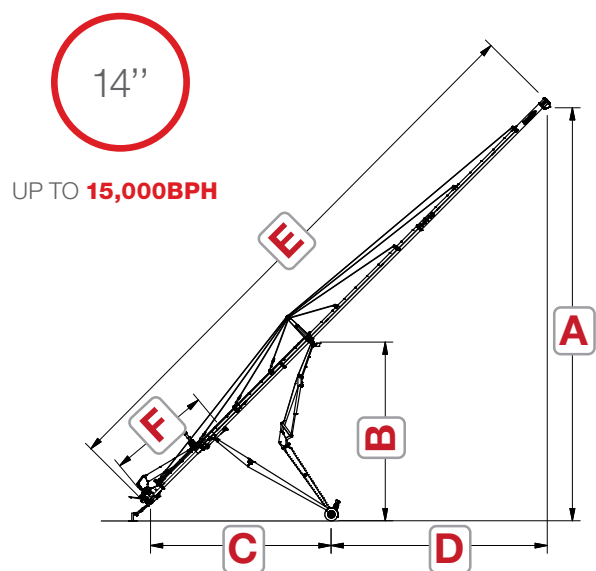
14-95 PICTURED WITH STANDARD SWING



Move your grain quickly and efficiently with a Meridian 14" Swing Auger. This high capacity auger moves up to 15,000 bushels per hour with unmatched durability and is one of the quietest augers on the market. The 14" series feature lengths up to 115', Continuous Super-Edge™ Flighting, and robust gearboxes to ensure reliable, long-lasting performance.

The 14" auger is built with a super heavy-duty undercarriage and truss system. For ultimate convenience and capacity, add our new 16" Extendable Swing. For full details on the 16" Extendable Swing, see page 8.

14" SWING AUGERS



Measurements reflect a hitch height of approximately 18" above ground level

AUGER TUBE	14" OD x 11 gauge
AUGER FLIGHT	Cupped Super-Edge™ on 3" core
DRIVE	Tractor PTO 1000 rpm
LIFT	Dual 5 1/2" OD Cylinders, Lifting Pressure 2200 psi
SWING AUGER	Low Profile, PTO driven, steel cut sprockets, high speed roller chain

UNDERCARRIAGE	385/65R X 22.5 floatation tires
POWER REQUIRED	170 - 225 HP Tractor
CAPACITY PER HOUR	14,000 - 15,000 Bushels per hour
HOPPER SIZE	46" W x 74" L x 143/4" H
REDUCING GEARBOX	3 1/4 L of 8090 Gear Oil

		14-95	14-105	14-115	
		FIXED AXLE	FIXED AXLE	AXLES RETRACTED	AXLES EXTENDED
A	RAISED	69' 3" 21.1m	76' 4" 25.7m	83' 3" 25.4m	84' 2" 25.3m
	LOWERED	9' 4" 2.8m	10' 3" 3.1m	12' 1" 3.7m	13' 3" 4m
B	RAISED	36' 2" 11m	36' 2" 11m	36' 5" 11.1m	36' 9" 11.2m
	LOWERED	5' 3" 1.6m	5' 3" 1.6m	5' 11" 1.8m	6' 6" 2m
C	RAISED	37' 11.3m	37' 11.3m	37' 11.3m	37' 11.3m
	LOWERED	46' 14m	46' 14m	46' 5" 14.1m	46' 5" 14.1m
D	RAISED	29' 8" 9m	36' 9" 11.2m	42' 10" 13.1m	41' 11" 12.8m
	LOWERED	46' 7" 14.2m	56' 8" 17.3m	66' 2" 20.2m	66' 20.1m
E	TUBE LENGTH	95' 29m	105' 32m	115' 35.1m	115' 35.1m
F	SWING LENGTH	20' 5" 6.2m	20' 5" 6.2m	20' 5" 6.2m	20' 5" 6.2m
	WIDTH	13' 4m	13' 4m	14' 3" 4.3m	17' 5" 5.3m
	TRANSPORT LENGTH	96' 4" 29.4m	106' 5" 32.5m	116' 4" 35.5m	n/a
	AUGER WEIGHT	11,420lbs 5,180kg	11,714lbs 5,314kg	12,028lbs 5,456kg	
	AUGER HITCH WEIGHT	3,010lbs 1,365kg	2,585lbs 1,173kg	2,160lbs 980kg	

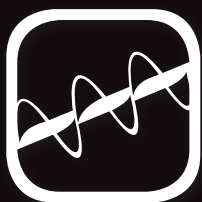
FEATURES

- Cable truss system - provides stability for heavy loads
- Each cable works on a three point system to eliminate tube sag between lock points
- Side cables located at main auger to reduce tube sway
- Hydraulic worm gear winch located at the hopper lift arm
- Heavy duty gearboxes
- High capacity 16" diameter mechanical drive swing auger
- Head-end features a heavy-duty dual thrust bearing
- Patented product overflow doors located at the discharge end of the auger - prevents auger plugging when the bin is full
- Electric mover on swing hopper
- 1000 rpm PTO speed with a speed reducing gearbox
- Powder coat finish

10" & 13" SWING AUGERS

THE **10" & 13" SWING AUGERS** ARE THE
PERFECT COMBINATION OF **INNOVATION,**
VALUE, & PERFORMANCE

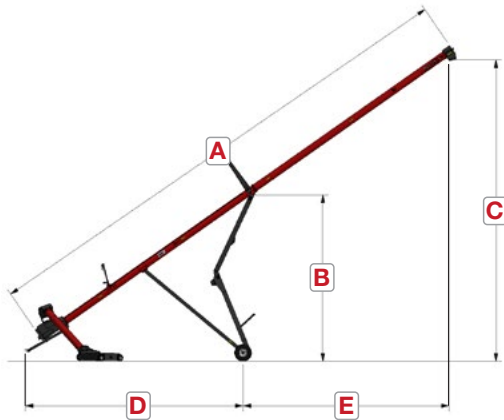
— 13-85 PICTURED WITH STANDARD SWING —



The Meridian 10" & 13" Swing Augers are the perfect combination of proven innovation, capacity, and affordability. The Meridian 10" & 13" Swing Auger series feature Continuous Super-Edge™ Flighting, HD undercarriages, robust gearboxes, patented Blow-Out doors, and more!

The 10" & 13" swing assembly can easily be placed on either side of the main auger tube. Simply push the arm from one side of the main auger tube to the other side to seamlessly operate the swing auger to best match your operation.

10" & 13" SWING AUGERS



		1065	1075	1085	1375	1385	1395	13115
A	TUBE LENGTH	65'	75'	85'	75' 22.8M	85' 25.9M	95' 28.9M	115' 35M
B	RAISED	24'-9" 4.5m			24'7" 7.5m		33'-1" 10.1m	
	LOWERED	6'-9" 2.1m			6' 6" 2m		6'-4" 1.9m	
C	RAISED	39'-3" 11.9m	45' 13.7m	50'-9" 15.5m	44' 4" 13.5m	49' 7" 15.1m	59'-4" 18.1m	71'-7" 21.8m
	LOWERED	9'-4" 2.8m	10'-7" 3.2m	11'-10"	10' 1" 3.1m	11' 6" 3.5m	10'-5" 3.2m	14'-11" 4.5m
D	RAISED	30'-2" 9.2m			32'3" 9.8m		39'-5" 12m	
	LOWERED	38'-4" 11.7m			40' 12.2m		49'-11" 15.2m	
E	RAISED	23'-5" 7.1m	31'-7" 9.6m	39'-7" 12.1m	30' 6" 9.3m	39' 5" 12m	37' 11.2m	52'-10 16.1m
	LOWERED	27'-2" 8.2m	37'-1" 11.3m	47'-0" 14.3m	36' 11m	45' 11 14m	45'-8" 13.1m	65'-6" 20m

1065	1075	1085	1375	1385	1395	13115
10" OD x 13 Gauge			12.75" OD x 12 Gauge			
9" OD x 3/16" c/w Continuous Super-Edge™			11 3/4" OD x 5/16" c/w Continuous Super-Edge™			
HD 2" x 2" x 3/16" Angle Flange			HD 2" x 2" x 1/4" Angle Flange			
A-Frame 6" x 2" x 3/16", Main Frame 3" x 3"			A-Frame 8" x 3" x 3/16", Main Frame 6" x 4" x 3/16"			
Hardened Tooth Sprockets & #60 Chain						
540 or 1000 rpm Tractor PTO						
15" 205/75R15			Tire ST235/80R16 c/w 6 Bolt on 5.5" BC			
100HP	110HP	120HP	100-125 HP Tractor		175-185 HP Tractor	
Up to 5,450 Bushels/Hour Up to 2.5 Metric Tonnes/Minute			Up to 13,000BPH Up to 5.4 Metric Tonnes/Minute			
62" x 36" x 9-3/8" 157.5cm x91xm x24cm			62"x 41.5" x 13" 157.5cm x105.4cm x33cm			
12'-6" 3.8m	12'-6" 3.8m	13'-5" 4m	13'-1" 4m	14' 9" 4.5m	14'-2" 4.3m	15' 4.6m
66'-7" 20.2m	76'-6" 23.3m	86'-5" 26.3m	77' 1" 23.5m	87' 2" 26.6m	97'-1" 29.6m	116'-10" 35.6m
9'-9" 3m			12'-4" 3.8m		14'-10"	
12'-9" 3.9m			15'-4" 4.7m		18'-10"	

Measurements reflect a hitch height of approximately 18" above ground level

13"

UP TO **13,000BPH**

10"

UP TO **5,450BPH**

FEATURES:

- Heavy-duty cable truss system with side cables
- Hydraulic worm gear winch located at the hopper lift arm
- Heavy-duty gearboxes
- Head-end features a heavy-duty dual thrust bearing
- Patented product overflow doors located at the discharge end of the auger - prevents auger plugging when the bin is full
- Powder coat finish

OPTIONS:

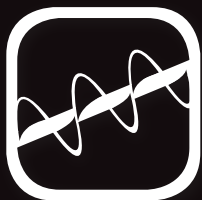
- Available in 540 or 1000 PTO
- Hydraulic winch
- LED light package
- Kramble 12V remote controlled swing hopper mover
- 13" Poly Flex spout
- Transport safety lights

EXTENDABLE SWING



THE **MERIDIAN EXTENDABLE SWING**
TAKES CONVENIENCE & EFFICIENCY TO A
WHOLE NEW LEVEL

— 16" Diameter Pictured on a 14" Swing Auger —



Meridian is excited to offer the Extendable Swing on our 13" & 14" Swing Augers. The Extendable Swing is crafted with high capacity in mind and has no problem with keeping up with the 14" Auger's 15,000BPH or the 13" Augers' 13,000BPH capacity.

The Meridian Extendable Swing features 9' of telescopic travel, and 2' working range. It seamlessly retracts to position your grain trailer and extends back out for operation. The hydraulic 3-way controls are conveniently located on the swing tube, making operation simple and efficient.

EXTENDABLE SWING



FEATURES:

- 16" Diameter for 14" models | 13" for 13" models
- 17' Length | 9' Travel | 2' Working Range
- 15,000BPH Capacity
- Two 9" feed screws and one 7" center screw
- Powder coat finish
- 3 Way Hydraulic controls
- Quick retract for safe and easy truck access
- Quick extend for fast and efficient unloading
- Reach both trailer hoppers without moving the truck

10 | 13 | 14" SWING AUGER OPTIONS & FEATURES



Patented Spring Loaded
Blow Out Doors



Heavy Duty Truss System
(13" left, 14" above)



Low Profile Hopper with
Left/Right Hand Fighting



Extendable Axle





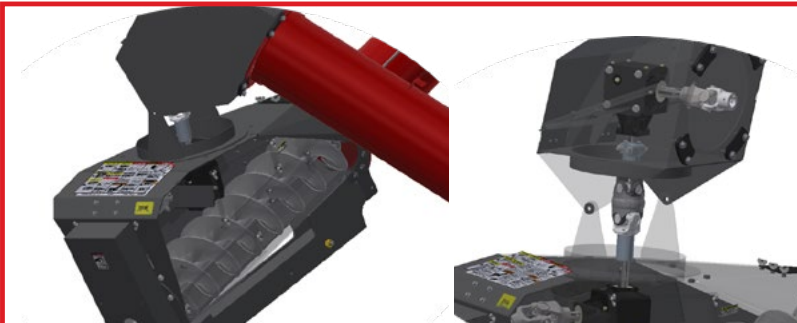
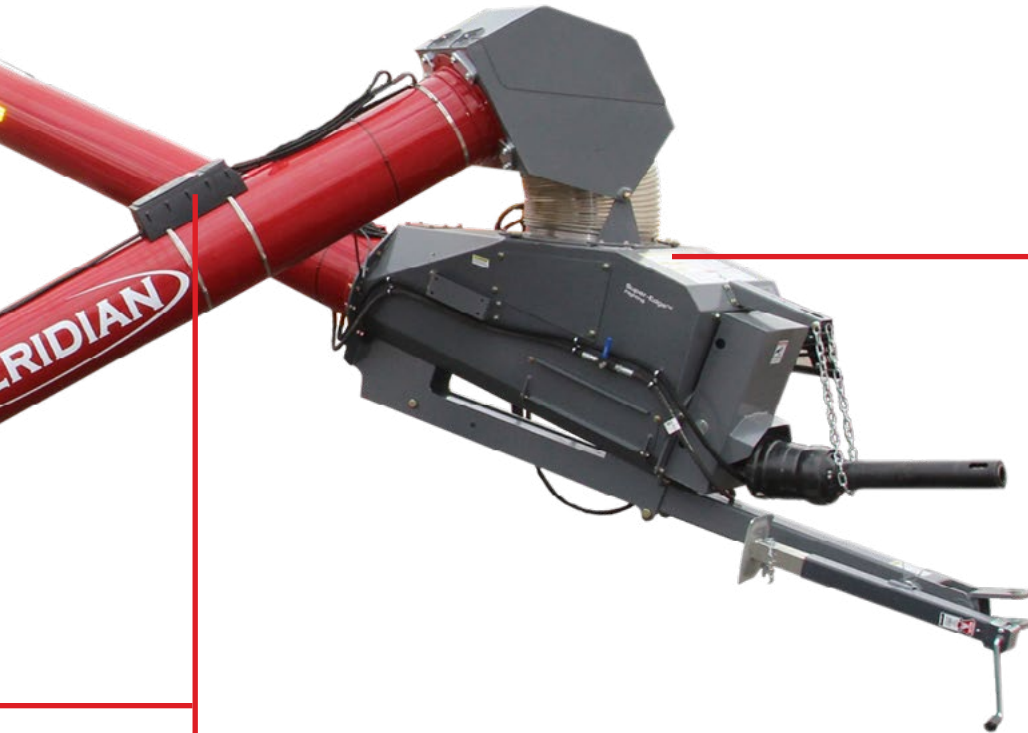
Fastened Spline and Hub Connection



Hydraulic Winch and Lift Arm



Optional LED Light Package



10" & 13" Infeed Featuring Service Access Doors & Removable Flight

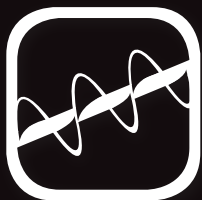
The Meridian 10" & 13" auger feed head and boot assembly is larger allowing for greater capacity. An added feature in the boot is the removable 4 ft. flight assembly. The boot assembly also features a large cleanout door and gearbox access doors on both sides.

The heavy-duty gear boxes feature splined stubs on the input and output ends, splined universal joints and a splined cv joint between the two gear boxes.



**Optional Electric Swing Hopper Mover
(includes remote)**

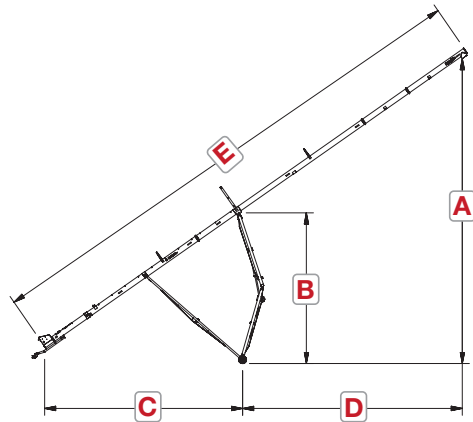
12" SLMD SWING AUGERS



Meridian's Scissor Lift Mechanical Drive (SLMD) grain auger provides durable, steadfast quality farmers can rely on to move product efficiently and without worry. At Meridian, the reversing kit comes standard with our swing augers. Our hopper lift can accommodate any operating situation by placing the hopper on the left or right hand side of the main tube. Like our other Swing Augers, the 12" features continuous Super-Edge™ Flighting for smooth, efficient, and long-lasting performance.

12" SLMD SWING AUGERS

12"
UP TO **10,000BPH**



Measurements reflect a height of approximately 18" above ground level to show a more accurate working height.

	SLMD12
AUGER TUBE	12" OD x 12 Gauge
AUGER FLIGHT	Continuous Cup 1/4" Super Edge™ Flight
DRIVE	540 rpm Tractor PTO
SWING AUGER	12" Diameter Mechanical Drive c/w Brake Winch
WHEELS	16" rims c/w Tapered Roller Bearings
POWER REQUIRED	100 HP - 120 HP Tractor
CAPACITY	Up to 9000 Bushels per hour/ 4.1 metric tonnes per minute
STANDARD HOPPER SIZE	41-1/2" W x 52" L x 14-1/4" H c/w Patented Reverse Flighting

		SLMD 12-72	SLMD 12-79	SLMD 12-85	SLMD 12-95
A	RAISED	45' 6" 13.9m	49' 6" 15.1m	53' 7" 16.3m	57' 1" 17.4m
	LOWERED	10' 9" 3.3m	10' 9" 3.3m	10' 9" 3.3m	14' 6" 4.4m
B	RAISED	25' 4" 7.7m	27' 4" 8.3m	29' 4" 8.9m	29' 4" 8.9m
	LOWERED	6' 7" 2m	6' 7" 2m	6' 7" 2m	6' 7" 2m
C	RAISED	30' 6" 9.3m	33' 2" 10.1m	35' 9" 10.9m	35' 9" 10.9m
	LOWERED	39' 9" 12.1m	43' 1" 13.1m	46' 5" 14.2m	46' 5" 14.2m
D	RAISED	25' 8" 7.8m	28' 3" 8.6m	30' 10" 9.4m	40' 10" 12.5m
	LOWERED	31' 5" 9.6m	34' 9" 10.6m	38' 11.6m	52' 15.9m
E	LENGTH	72' 6" 22.1m	79' 24m	85' 7" 26.1m	95' 7" 29.1m
AUGER HITCH WEIGHT		1400lb 635kg	1420lb 645kg	1440lb 655kg	1400lb 635kg
AUGER WEIGHT		6015lb 2728kg	6214lb 2818kg	6462lb 2931kg	6506lb 2951kg

FEATURES:

- Cable truss system - provides stability for heavy loads
- Hydraulic worm gear winch located at the hopper lift arm
- Heavy duty gearboxes
- Electric mover on swing hopper (optional)
- Powder coated finish

12" SWING AUGER OPTIONS & FEATURES



12" SLMD SWING AUGERS



Flight Connections

Meridian 12" SLMD swing augers, feature a spline and hub flight assembly connection. This unique connection allows for movement without adding additional strain on the top head end and bottom boot bearings.



Optional LED Light Package



**Optional Electric Swing Hopper Mover
(includes remote)**



Extendable Axle



Left/Right Hand Flighting



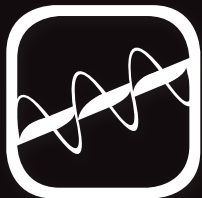
Hydraulic Winch and Lift Arm

TRUCK LOAD AUGERS



MERIDIAN TRUCK LOAD AUGERS
REDEFINE **DURABILITY** & **CAPACITY**.

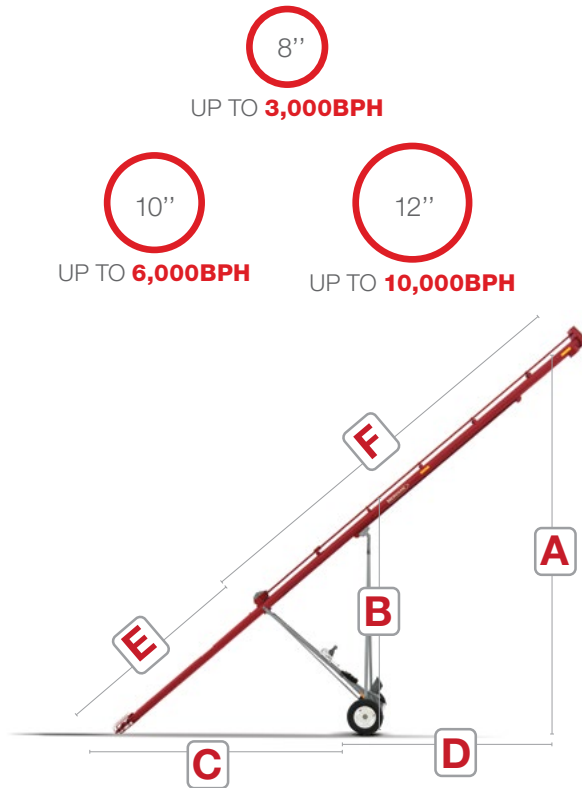
TL12-39 PICTURED



Meridian Truck Load Augers are built to be rugged, dependable, and versatile. Our square structural undercarriage, offset axle, self-levelling motor mount, Continuous Super-Edge™ Flighting (up to 53'), and unique seamless tube connectors (on augers 46' and up) are all standard features. For unparalleled maneuverability, add our 4-Wheel Frame-Mounted mover.

The Meridian conventional auger is available in 8", 10", & 12" diameter tubes, lengths from 33' - 59', and offer capacities from 2,400-10,000 BPH. Ask a Meridian expert about fully equipped packages.

AVAILABLE DIAMETERS



		HD33	HD39	HD46	HD53	HD59	TL39
A	RAISED	19' 11" 6.1m	23' 7" 7.2m	27' 7" 8.4m	31' 6" 9.6m	33' 6" 10.8m	23' 7" 7.2m
	LOWERED	8' 7" 2.6m	8' 5" 2.6m	9' 9" 3.0m	11' 3" 3.4m	12' 8" 3.9m	8' 5" 2.6m
B	RAISED	11' 1" 3.4m	13' 1" 4.0m	15' 5" 4.7m	18' 0" 5.5m	20' 4" 6.2m	13' 1" 4.0m
	LOWERED	7' 0" 2.1m	7' 2" 2.2m	8' 6" 2.6m	9' 2" 2.8m	10' 9" 3.3m	7' 2" 2.2m
C	RAISED	14' 7" 4.4m	19' 3" 5.9m	20' 9" 6.3m	23' 8" 7.2m	26' 9" 8.2m	19' 3" 5.9m
	LOWERED	19' 0" 5.8m	21' 8" 6.6m	25' 11" 7.9m	29' 7" 9.0m	33' 9" 10.3m	21' 8" 6.6m
D	RAISED	11' 9" 3.6m	13' 5" 4.1m	15' 1" 4.6m	18' 1" 5.5m	19' 9" 6.0m	13' 5" 4.1m
	LOWERED	13' 1" 4.0m	15' 0" 4.6m	18' 7" 5.7m	21' 5" 6.5m	23' 7" 7.2m	15' 0" 4.6m
E	LENGTH	10' 6" 3.2m	12' 6" 3.8m	14' 9" 4.5m	16' 9" 5.1m	19' 0" 5.8m	12' 6" 3.8m
F		21' 6" 6.6m	25' 3" 7.7m	29' 6" 9.0m	32' 1" 10.4m	28' 3" 11.7m	25' 3" 7.7m
AUGER WEIGHT BY DIAMETER		8" 950 lbs 431 kgs	8" 1,070 lbs 485 kgs	8" 1,200 lbs 544 kgs	8" 1,360 lbs 617 kgs	8" 1,480 lbs 871 kgs	10" 1,180 lbs 535 kgs
				10" 1,530 lbs 694 kgs	10" 1,680 lbs 762 kgs	10" 1,860 lbs 844 kgs	12" 1,740 lbs 789 kgs

	HD8	HD10	TL10	TL12
AUGER TUBE	8" OD x 14 gauge tubing	10" OD x 13 gauge tubing	10" OD x 14 gauge tubing	12" OD x 12 gauge tubing
FLIGHT	10 gauge	9 gauge	9 gauge	7 gauge
DRIVE	Available drive options are gas engine, electric motor or PTO			
BELT	Banded Double V-Belt	Banded Triple V-Belt	Banded Double V-Belt	Banded Triple V-Belt
UNDERCARRIAGE (HSS TUBING)	2 1/2" x 2 1/2" x 1/8"	3" x 3" x 1/8"	2 1/2" x 2 1/2" x 1/8"	3" x 3" x 1/8"
WHEELS	15" wheels c/w tapered roller bearings			
MOTOR MOUNT	Patented self-levelling motor mount with built in belt tension release			
POWER REQUIRED	20 HP Gas 10 HP Electric	35 HP Gas 20 HP Electric	27-30 HP Gas 20 HP Electric	40-50 HP Gas 20 HP Electric
CAPACITY	up to 3,000 bushels per hour 1.4 MT/min	up to 6,000 BPH 2.7MT/min	up to 6,000 BPH 2.7MT/min	up to 10,000BPH 4.5MT/min

TRUCK LOAD AUGER FEATURES



Optional Shovel & Shovel Holder



Self-Levelling Motor Mount



Optional 4 Wheel Auger Mover

Meridian four wheel movers have been engineered to fit between most above ground hopper legs. With no undercarriage that connects the walking beams to the auger axle, the operator is allowed unrestricted movement around and underneath the auger. In addition, the mover wheels are set on independent walking beams for increased stability as high-quality gear pumps supply hydraulic power to the system. Finally, our unique design helps the operator because no matter how high or low the auger is, the controls are always at waist level, right in front of you.



TRUCK LOAD AUGERS



Spring Loaded Belt Idler

Specifically designed for longer augers, Meridian's spring loaded belt idler will reduce belt wear and remove whip common with long belts under load.



Reversible Gearbox Shifter

Our reversible gearbox is standard and allows the operator to reverse without flipping the auger belts by hand. An optional shifter lever is mounted down towards the intake, allowing the operator to shift the gearbox even when the auger is in an elevated position. Combine our electric clutch with the reversible gearbox and an operator can clean out the grain auger safely, conveniently and efficiently in a matter of seconds.



Electric Clutch

The Meridian Electric Clutch can shut down the auger fighting, even from inside the bin.

The pump pulley always turns with the crankshaft and is independent of the clutch pulley, allowing the supply of hydraulic power when the clutch is disengaged. In addition, our magnetic switch boxes can be placed anywhere on the auger and uses an exclusive cover to prevent accidental activation.



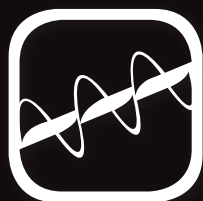
Banded Belts



872 ELECTRIC DRIVE AUGER

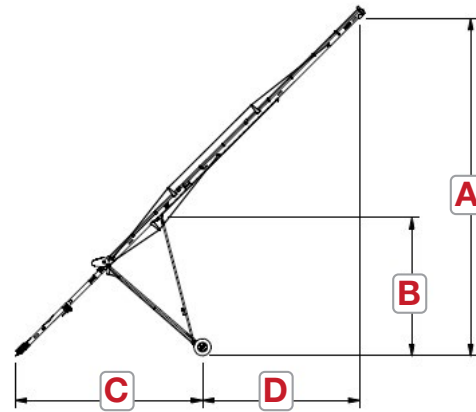


IDEAL FOR GRAIN DRYER SYSTEMS



The Meridian Electric Drive 872 features continuous Super-Edge™ flighting, full length drive guards, HD gearbox and is set up for electric drive (motor to be provided by end user). The 872 is the perfect auger for a grain dryer system for efficient and smooth operation.

872 ELECTRIC DRIVE



		872
A	RAISED	50'-4"
	LOWERED	12'-4"
B	RAISED	20'-11"
	LOWERED	9'-6"
C	RAISED	28'-1"
	LOWERED	37'-9"
D	RAISED	23'-6"
	LOWERED	33'-4"

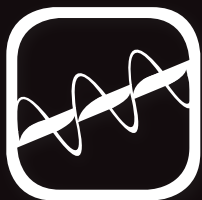


MERIDIAN 872	
AUGER TUBE	8" OD x 13 Gauge Tube
AUGER FLIGHT	3/16 Gauge Super-Edge Flight on 1-1/2" Core
DRIVE	Electric Motor 15HP (motor not supplied)
FRAME	3" OD x 10 Gauge Steel Tube on 15" Rim Wheels
Capacity per Hour	Up to 3,000 bu/hr
HITCH WEIGHT	140 lbs w/o Electric Motor
OVERALL WEIGHT	2,150 lbs
TRANSPORT WIDTH	10'-9"
TRANSPORT LENGTH	72'-7"
TRANSPORT HEIGHT	13' (at 18" hitch height)

FEATURES:

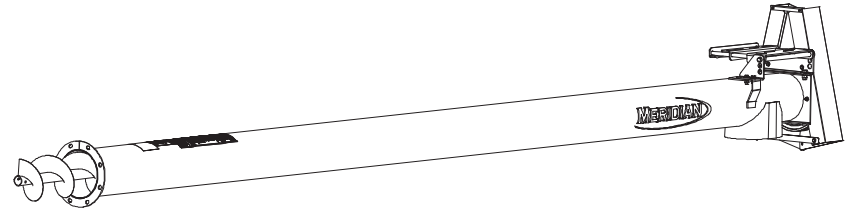
- Full length tubing drive shaft guards between bearings
- Continuous Super-Edge™ flighting
- Hand winch with automatic brake
- HD gearbox with steel forged gears & keyed connections

UTILITY AUGERS



Meridian is excited to introduce our new line of Utility Augers. These augers are available in 6", 8" and 10" diameters, and are available for your seed, drying and feed handling setups! Each model features a standard 16' auger and motor mount with 5', 10', and 15' extensions available.

UTILITY AUGERS



	6"	8"	10"
Motor Pulley required	2B 3 1/4" - 4"	2B 3 1/4" - 3 1/2"	2B 3 1/4" - 3 1/2"
Flighting speed	480 - 580	480 - 510	480 - 510
Supplied Belt Size	B44	B44	B44
HP REQUIREMENTS			
16' - 21'	1.5 - 2	3	3 - 5
26' - 31'	3	5	5 - 7.5
36' - 41'	3 - 5	5 - 7.5	7.5 - 10
46' - 51'	5	7.5 - 10	10 - 15
56' - 61'	7.5	10	15 - 20

*Motor and drive pulley not included

6 INCH MODELS	
UA 616	6" x 16' upper basic section c/w motor mount
UX 605	6" x 5' extension tube & flighting
UX 610	6" x 10' extension tube & flighting
UX 615	6" x 15' extension tube & flighting

8 INCH MODELS	
UA 816	8" x 16' upper basic section c/w motor mount
UX 805	8" x 5' extension tube & flighting
UX 810	8" x 10' extension tube & flighting
UX 815	8" x 15' extension tube & flighting

10 INCH MODELS	
UA 1016	10" x 16' upper basic section c/w motor mount
UX 1005	10" x 5' extension tube & flighting
UX 1010	10" x 10' extension tube & flighting
UX 1015	10" x 15' extension tube & flighting

STANDARD FEATURES:

- Heavy-Duty Build
- Continuous Flighting
- Powder Coat Finish

AVAILABLE OPTIONS:

- Mounting Kit
- Standard Auger Boot
- Extensions (5', 10', 15')
- Universal Boot
- Intake Shield



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