

FS Series Dual & Triple Auger

The FS Series dual mixers are heavy duty all-purpose mixers suitable for all types of operations. They offer an exclusive step floor design with overlapping augers for an even front to back mix and complete cleanout, along with a 42" wide suspended front conveyor (flat 2-way or folding dogleg) matched up with our industry leading largest front door opening of 58" wide for easier more evenly distributed unloading. Side conveyors are also available.

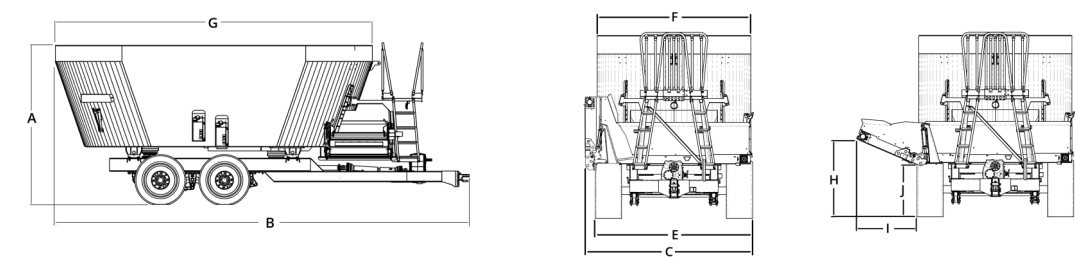


	FS850DL	FS950DL	FS1000D	FS1200D	FS1400D	Triple Auger FS1700T
Capacity	715 ft³ / 20.2 m³	800 ft³ / 22.6 m³	865 ft³ / 24.5 m³	1025 ft³ / 29 m³	1240 ft³ / 35.2 m³	1487 ft³ / 42.1 m³
Capacity (12" Ext.)	850 ft³ / 24 m³	950 ft³ / 27 m³	1000 ft³ / 28.4 m³	1180 ft³ / 33.4 m³	1425 ft³ / 40.3 m³	1712 ft³ / 48.5 m³
Empty Weight	20,890 lbs / 9475 kg	21,720 lbs / 9852 kg	21,318 lbs / 9670 kg	22,240 lbs/10088 kg	26,640 lbs/12084 kg	32,767 lbs/14862 kg
Knives (max)	18	18	18	18	18	27
Door Opening Width	58"	58"	58"	58"	58"	58"
Floor Thickness	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Wall Thickness	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
PTO HP Requirement (min)	130 HP	160 HP	150 HP	180 HP	200 HP	240 HP
PTO Speed	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM
Standard Tires - Duals	LT235/75R-17.5	LT235/75R-17.5	LT235/75R-17.5	LT235/75R-17.5	295/75R22.5	315/80R22.5
Optional Tires	295/75R22.5 / Flotation Tires (600/40R22.5) / Super Singles (445/50R22.5)					
Axles	Spring/ Walking Tandem or Lateral Pivot	Tandem Spring	Spring/ Walking Tandem or Lateral Pivot	Tandem Spring	Tandem Spring or Walking Beam	Walking Beam, Spring or Hydraulic w/Steering
A - Height*	104"	108"	116"	120"	130"	120"
B - Length	321"	330.5"	321"	330.5"	348"	432"
C - Width (w/front conveyor)	113.5"	113.5"	113.5"	113.5"	113.5"	113.5"
Width (w/side conveyor)	117"	123"	117"	123"	129"	123"
E - Track Width (standard)	102.5"	109"	102.5"	109"	109"	109"
F - Tub Width	102"	108"	102"	108"	116"	108"
G - Tub Length	243"	253"	243"	253"	272"	356"

* Height is based on Standard Tires and not including the Rubber Top Extension

Discharge Dimensions	Front Dogleg Discharge				Side Discharge				
	2'	3'	4'	5'	3'	4.5'	6'	7.5'	9'
H - Unloading Height (extended)*	37.5"	40.5"	43"	46"	33"	49.5"	56"	63"	69.5"
I - Unloading Reach	27"	38.5"	50"	61.5"	40.5"	57"	74"	91"	107.5"
J - Clearance*	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"

* For model FS1400D add 5" for Front Discharge and 7" for Side Discharge dimensions



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Specifications

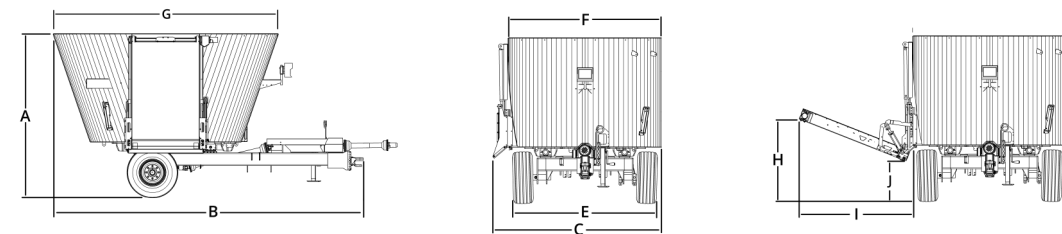
S Series Single Auger

The S Series single auger vertical mixers are economical yet highly configurable to suit your operation. The S Series have a side door discharge with optional conveyors from 3' to 9' long. It offers a simple design with fewer moving parts. The A shaped frame allows for a tighter turning radius and with our industry exclusive 24" curved carbide insert knives gives you the ability to process large bales in less time.



	S400L	S450L	S500L	S600
Capacity	330 ft³ / 9.3 m³	380 ft³ / 10.8 m³	410 ft³ / 11.6 m³	495 ft³ / 14 m³
Capacity (12" Ext.)	390 ft³ / 11.1 m³	450 ft³ / 12.8 m³	485 ft³ / 13.8 m³	575 ft³ / 16.2 m³
Empty Weight	6430 lbs / 2917 kg	7190 lbs / 3261 kg	7730 lbs / 3506 kg	8080 lbs / 3665 kg
Knives (max)	8 or 9	8 or 9	8 or 9	9
Door Opening Width	43"	43"	43"	43"
Floor Thickness	3/4"	3/4"	3/4"	3/4"
Wall Thickness	1/4"	1/4"	1/4"	1/4"
PTO HP Requirement (min)	75 - 85 HP	85 - 100 HP	100 - 120 HP	100 - 120 HP
PTO Speed	540/1000 RPM	540/1000 RPM	1000 RPM	1000 RPM
Standard Tires (Single Axle)	12.5L-16 (14 ply)	12.5L-16 (14 ply)	19.0/45-17 (18 ply)	19.0/45-17 (18 ply)
Optional Tires	15.0/55-17 or 19.0/45-17 (18 ply)			
Axles	Solid Single or Walking Tandem			
A - Height	100"	102"	100"	112"
B - Length	192"	194"	196"	196"
C - Width (w/chute)	99"	105"	111"	111"
Width (w/conveyor)	105.5"	111.5"	116"	116"
E - Track Width (standard)	92"	92"	92"	92"
F - Tub Width	91"	97"	103"	103"
G - Tub Length	136"	143.5"	144.5"	144.5"

Discharge Dimensions	Chute	3'	4.5'	6'	7.5'	9'
H - Unloading Height (extended)	28.5"	38"	44.5"	51"	58"	64.5"
I - Unloading Reach	8"	38.5"	55"	72"	89"	105.5"
J - Clearance	28.5"	24.5"	24.5"	24.5"	24.5"	24.5"



At NDEco we build Your Mixer. Your Way.

FS Series Single Auger

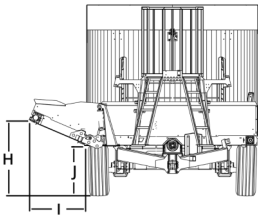
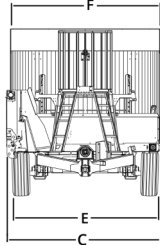
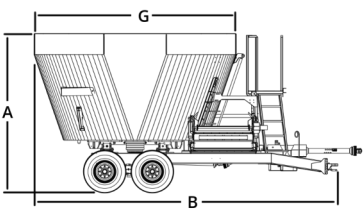
The FS Series single auger mixers are heavy duty all-purpose mixers suitable for all types of operations. They offer a wide range of configurations including a 42" wide suspended front conveyor (folding or flat 2-way), matched up with our industry leading largest front door opening of 58" wide for easier more evenly distributed unloading. Side discharges with up to 9' long conveyors are available, ideal for long reach requirements.



	FS500L	FS550L	FS600	FS700
Capacity	395 ft³ / 11.2 m³	465 ft³ / 13.2 m³	480 ft³ / 13.6 m³	555 ft³ / 16 m³
Capacity (12" Ext.)	470 ft³ / 13.3 m³	550 ft³ / 15.6 m³	555 ft³ / 15.7 m³	650 ft³ / 18.4 m³
Empty Weight	9140 lbs / 4145 kg	10,230 lbs / 4640 kg	9490 lbs / 4305 kg	10,600 lbs / 4808 kg
Knives (max)	9	9	9	9
Door Opening Width	58"	58"	58"	58"
Floor Thickness	3/4"	3/4"	3/4"	3/4"
Wall Thickness	1/4"	1/4"	1/4"	1/4"
PTO HP Requirement (min)	100 - 120 HP	110 - 130 HP	100 - 120 HP	110 - 130 HP
PTO Speed	1000 RPM	1000 RPM	1000 RPM	1000 RPM
Standard Tires	12.5L x 16 - 14 ply	12.5L x 16 - 14 ply	12.5L x 16 - 14 ply	12.5L x 16 - 14 ply
Optional Tires	15.0/55-17 (18 ply)			
Axles	Lateral Pivot or Walking Tandem			
A - Height*	104.5"	107"	115.5"	119"
B - Length	222"	230"	222"	225"
C - Width (w/front conveyor)	113.5"	113.5"	113.5"	113.5"
Width (w/side conveyor)	117"	123"	117"	123"
E - Track Width (standard)	106"	106"	106"	106"
F - Tub Width	102"	108"	102"	108"
G - Tub Length	147"	152"	147"	152"

* Height is based on Standard Tires and not including the Rubber Top Extension

Discharge Dimensions	Front Dogleg Discharge				Side Discharge				
	2'	3'	4'	5'	3'	4.5'	6'	7.5'	9'
H - Unloading Height (extended)	37.5"	40.5"	43"	46"	33"	49.5"	56"	63"	69.5"
I - Unloading Reach	27"	38.5"	50"	61.5"	40.5"	57"	74"	91"	107.5"
J - Clearance	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"	29.5"

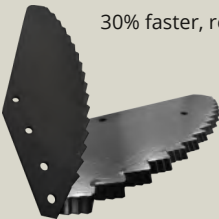


The Auger features an aggressive design with a one piece, continuous 5/8" thick flighting. This continuous curve provides the best lift action and ensures feed moves up in a uniform and consistent manner, rolling material back into the mix evenly.

Exclusive Carbide Knife options:

24" Curved Carbide Knife - aggressive cut, minimum wear; ideal for bales/long stem.

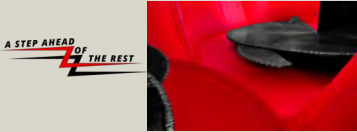
Serrated Carbide Knife - more aggressive, up to 30% faster, reduced wear.



Tungsten Knives - general all-purpose mixing knife.



All dual mixers feature an industry exclusive step in the floor from front to back and overlapping augers for an even front to back mix and complete cleanout.



U Series Dual Auger

The U Series dual mixers feature a unibody constuction, making it an economical and compact light-weight mixer. They feature an exclusive step floor design with overlapping augers for an even front to back mix and complete cleanout, along with a 42" wide font conveyor matched up with our industry leading largest front door for easier more evenly distributed unloading.



	U550D	U700D	U850D
Capacity	475 ft³ / 13.5 m³	595 ft³ / 16.8 m³	725 ft³ / 20.5 m³
Capacity (10" Ext.)	580 ft³ / 16.4 m³	705 ft³ / 20 m³	855 ft³ / 24.2 m³
Empty Weight	14,500 lbs / 6577 kg	15,640 lbs / 7095 kg	16,700 lbs / 7575 kg
Knives (max)	14	16	16
Door Opening Width	52"	52"	54"
Floor Thickness	3/4"	3/4"	3/4"
Wall Thickness	1/4"	1/4"	1/4"
HP Requirement (min)	110-130 HP	110-130 HP	130-150 HP
PTO Speed	1000 RPM	1000 RPM	1000 RPM
Axles	Fixed Single Walking Tandem	Fixed Single Walking Tandem	Fixed Single Walking Tandem
Standard Tires / A - Height	235/19.5 Duals - 87" 435/50R19.5 - 91.5" 445/50R22.5 - 93" 440/55R18 - 93" (WT only)	235/19.5 Duals - 99" 435/50R19.5 - 104" 445/50R22.5 - 105.5" 440/55R18 - 105.5" (WT only)	445/50R22.5 - 110" 440/55R18 - 110" (WT only)
Optional Tires / A - Height	600/40-22.5 - 94.5"	600/40-22.5 - 107"	600/40-22.5 - 111.5"
B - Length	282.5"	284"	297.5"
C - Width (w/front conveyor)	108.5"	108.5"	114.5"
E - Track Width (standard)	98"	98"	110"
F - Tub Width	107.5"	112"	119.5"
G - Tub Length	192"	193.5"	208"

*Height does not include the Rubber Top (10")

Discharge Dimensions	Front Dogleg Discharge			
	2'	3'	4'	5'
H - Unloading Height (extended)	36"	39.5"	44"	46.5"
I - Unloading Reach	23.5"	35"	46.5"	58"
J - Clearance	28.5"	28.5"	28.5"	28.5"

