

Specifications

S Series | Single

Vertical Feed Mixers

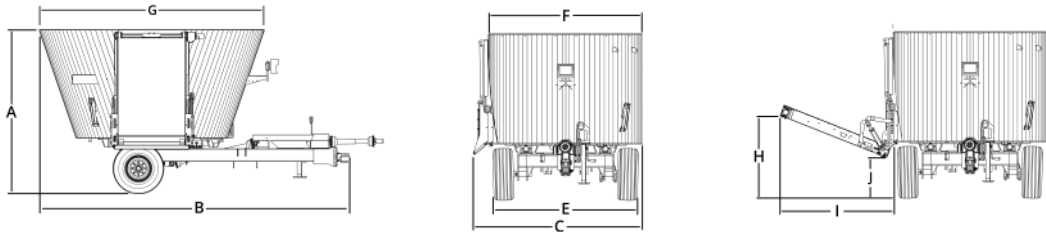
S Series

Single Auger



	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 / 2915 kg	7190 lbs / 3260 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	12.5L x 16 - 14 ply	12.5L x 16 - 14 ply	19.0/45-17 - 18 ply	19.0/45-17 - 18 ply
Axles	Single/Tandem	Single/Tandem	Single/Tandem	Single/Tandem
A - Height	99"	102"	101"	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"



Side Door Discharge

330 to 575 Cubic Feet

Exclusive Carbide Knives

3' to 9' Conveyors

The S Series single auger vertical mixers are economical yet highly configurable to suit your operation. The S Series offers a simple design with fewer moving parts. The A shaped frame allows for a tighter turning radius and with our industry exclusive carbide knives gives you the ability to process large bales in less time. All NDEco mixers are made with 50W steel which ensures a balance of strength, flexibility, toughness, and wear resistance.



www.NDEco.com
sales@ndeco.com
888.336.3127

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DEALER INFORMATION

produce efficiently.



Model S400L
(with 3' conveyor)



Model S600
(with chute)

produce efficiently.

At NDEco we build Your Mixer. Your Way.

Tub Construction

Our 50W steel ensures a combination of strength, flexibility, toughness, and wear resistance. The tub features 1/4" sidewalls and a 3/4" floor.

Optional LED Road Lighting Kit

Be road safe with the LED lighting kit.

Restrictor/MegaMag

Remove metallic debris from your feed with a powerful restrictor-mounted magnet (optional).

Door Opening

Unload quickly through the 43" door opening. Choose between Right Side, Left Side or Double Side door opening.

Discharge/Conveyor

Choose a chute or a 42" wide folding conveyor from 3' to 9'. Feed slide and magnet options are optional.

Models S400L, S450L and S500L offer a lower loading height of around 100" making loading with a skid steer possible. The S600 features a slightly taller profile allowing handling of full-size bales and other feed ingredients easily.

12" Rubber Extension

Heavy Duty rubber extension increases the capacity of the mixer by 60 to 80 cubic feet.

Ration Management Systems

Maximize accuracy, efficiency and productivity with a number of ration management system options.

Folding Ladder

Compact folding ladder provides a view of the mix.

PTO/Driveline

Comes in either 540 or 1000 RPM equal angle PTO. 2 speed gear boxes are optional.

Axles/Tires

The S Series mixer can be equipped with a fixed single axle (as shown) or walking tandem. Several tire options are available to suit your requirements.

Frame

A robust triangular steel tubing frame design offers tighter turning radius with a 3 point frame mounted weigh bar system.

Aggressive Augers

An aggressive auger design featuring a one piece, continuous 5/8" thick flighting, providing the best lift action for a complete & consistent mix of all feedstuffs. Prevents feed dropping inconsistently.

24" Curved Carbide Knife

Aggressive industry exclusive knife for processing bales and long stem forages with minimum wear.

Serrated Carbide Knife

More aggressive serrated knife processes bales and long stem up to 30% faster and prolonged life.

Tungsten Knife - Basic all-purpose mixing knife

Scraper

Ensures a superior consistent mix with our adjustable and replaceable scraper.

Optional Hard Surfacing

Increase the longevity of the auger by applying hard surfacing to the auger.

Reinforcement Plates

Add 1/2" thick reinforcement plates to the underside of the knives.

Building your mixer to your needs.

At NDEco we pride ourselves on being able to build your mixer your way. For a complete list of upgrades and options check out our website at www.NDEco.com.

produce efficiently.