

# Smooth and even unloading from start to finish



## Specifications

Models	Mixing capacity	Dimensions* Width X Length X Height	Motor power
SP-MIX 780	780 ft <sup>3</sup> (22 m <sup>3</sup> )	8 ft X 30 ft X 10.2 ft (2.4 m X 9.1 m X 3.1 m)	129 kW / 175 HP
SP-MIX 850	850 ft <sup>3</sup> (24 m <sup>3</sup> )	8 ft X 32 ft X 10.2 ft (2.4 m X 9.8 m X 3.1 m)	168 kW / 228 HP
SP-MIX 1060	1,060 ft <sup>3</sup> (30 m <sup>3</sup> )	8 ft X 34 ft X 10.8 ft (2.4 m X 10.4 m X 3.3 m)	168 kW / 228 HP

\*The maximum height, when the loading arm is at its highest, is 16.4 ft (5 m).

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without prior notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.



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FEEDING SYSTEMS
FEEDING WHEELGOODS
MANURE HANDLING SYSTEMS
MANURE WHEELGOODS



# Self-propelled horizontal mixer

Fast & efficient feeding with high precision.





# Take command of your feeding program.

You have precise control of the filling, mixing and delivery of your rations without ever leaving the driver's seat. The SP-MIX will cut your feeding time and operating costs, saving you money every day.

## Features

- John Deere Tier-5 diesel, 6 cylinder
- Self-cleaning / auto-reversing radiator
- LCD flat screen in the cabin monitors all operations
- 2 speed gearbox auger rotation, hydraulically operated
- Weighing system DG500 (4 sensors)
- High efficiency mechanical drive

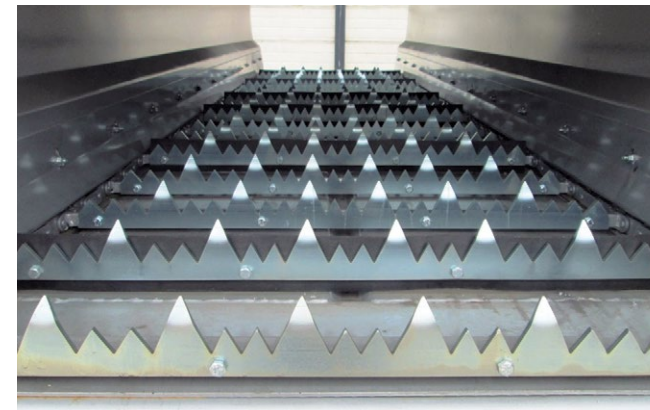
## Benefits

- ✓ Easy to operate.
- ✓ Extremely accurate mixing, even in small loads.
- ✓ Gentle mixing action preserves fiber quality.
- ✓ Reduces feed shrinkage and increases ration accuracy.
- ✓ Low fuel consumption and minimum maintenance costs.
- ✓ Reduces feeding time and labor.

## Tractor, trailer mixer and loader... all in one!



## Unique cutting and mixing process



### Massive loading conveyor

The 35" (90 cm) high-speed loading conveyor delivers big volumes of feed for fast filling. It features stainless steel chains equipped with hay-hooks for fast loading of long fiber, and rubber wipers to ensure complete loading of minerals or other fine ingredients.

- 1 It all starts with the **high capacity loading arm**, providing fast and precise loading of all types of silages, bales or commodities.



### Rotatable knives

The star-shaped knives are rotatable for long life and low maintenance cost. The unique shape ensures quick processing of hay while being gentle on silages.

780 and 850 models have 290 knives while our largest model 1060 has 304.

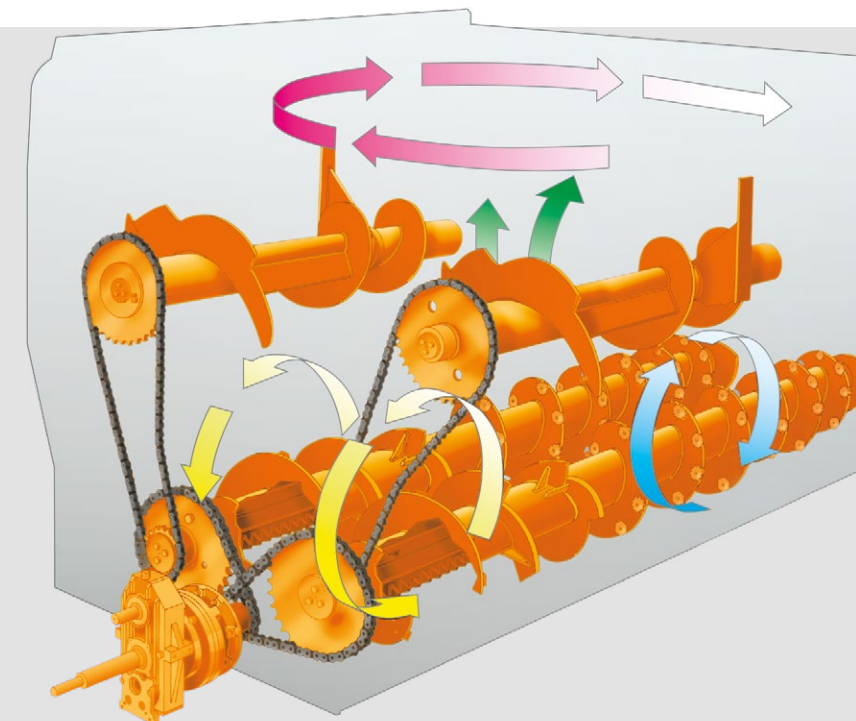


- 2 The **two pairs of Hardox-400 horizontal auger** take over to produce a homogeneous mix without compressing the ingredients. The horizontal auger mixer features a balanced flow, delivering superior quality of mix in much less time than vertical mixers.

The full-length **lower augers** carry feed from the ends of the mixer, while the 3/4-length **upper augers** provide side-to-side mixing as they move feed towards the ends again.

The mixing pattern ensures a perfect blend, even when mixing small batches.

Knives and ledger bars are adjustable for clean and efficient cutting of long materials.





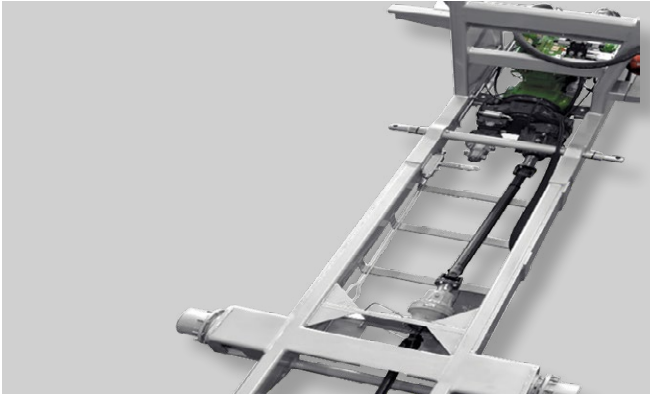
# Maximum versatility

Loads all silages, commodities or bagged feeds quickly and precisely. The powerful bunk facer of the loading arm shaves bunkers clean, reducing feed loss. The hydraulic deflector prevents product leakage on very windy days. Bales can be easily loaded using the bunk facer, or dropped directly into the mixer with the optional hay knife kit.



## Durable construction

Side walls are 3/8" (10 mm) thick and the bottom wall has an extra 3/16" (4 mm) stainless steel liner for maximum durability. Hardox 400 augers deliver maximum life.



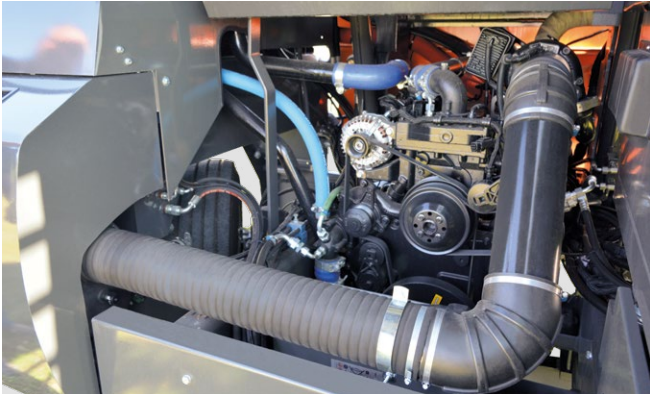
## High efficiency mixer drive system

The mixer is driven by a gearbox and driveshaft, operating at much higher efficiency than hydraulic-drive system, saving fuel and reducing maintenance costs. The two-speed gearbox allows low-speed operation during filling to reduce wear and fuel consumption.



## Unloading conveyor

The high speed discharge conveyor unloads feed quickly and evenly. Hydraulic conveyor tilt and door opening indicator are standard equipment.



## John Deere Power System Stage V

Offering excellent reliability and ease of service, the front-mounted John Deere engine powers both the mechanical mixer drive and the hydrostatic wheel drive.

### Fast loading of all ingredients



Hay knife kit allows direct loading of hay

- Silages
- Hay
- Minerals
- Concentrates
- Food wastes
- Pellets
- Square or round bales
- Long straw



Quickly loads minerals and concentrates



## Easy access service doors

## Options

- // Auto-greasing system
- // Air conditioning
- // Hay shredder knife kit
- // Winter-ready kit
- // Programmable weighing system



## Comfortable work environment

High visibility skycab to facilitate and control each step from loading ingredients to unloading of rations. All the options are at your fingertips!

- Wide door opening for easy access
- Controls are easy to learn and to operate
- Maximum visibility and operator comfort
- Armrest joystick control
- System display monitor
- Back-up camera
- Air-ride seat



## Excellent maneuverability



**70% of the total weight is on the rear drive axle**

- Excellent traction even if the mixing hopper is empty
- High stability

30%

70%

## The “ Winter-Ready ” kit keeps you running in cold and snow.

Cold weather options include engine heater, diesel heater, and an engine starting kit.



## Made to ride

The short wheelbase of the main chassis maintains excellent traction and very tight turning radius (12'- 6" (3.8 m)).

The excellent maneuverability makes it easy to work in tight spaces.

