

FEEDING ROBOT

ROVER



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AUTONOMOUS  
FEEDING ROBOT





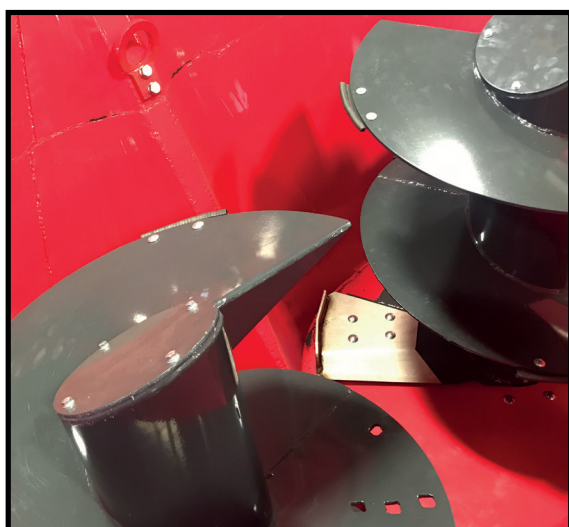
## DESCRIPTION

A completely autonomous feeding robot of 120 cu.ft. (3.4m<sup>3</sup>) that loads, mixes and distributes to your animals without any intervention! Prepare a Total Mixed Ration up to 1000Kg (2200 Lbs)! Quick and efficient, it also pushes the food back.

- **2 steel (Hardox) augers** that can mix dry hay\*
- **Stainless steel** liner inside the tub
- Reliable power supply via an electrified driving rail (240 or 380v)
- Four directional wheels with all-wheel drive
- **Both sides** discharge conveyor
- **Variable** forward and discharge **speed**
- An integrated groups and recipe **management software**
- 2-years-warranty (labor and parts) available as an option

*\*strong and dry fibrous Hay, quantity recommended - between 1 and 2 kg /cow /day.*

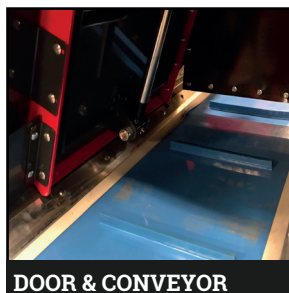
## DETAILS



**2 HARDOX STEEL AUGERS**



**ELECTRIFIED GUIDING RAIL**



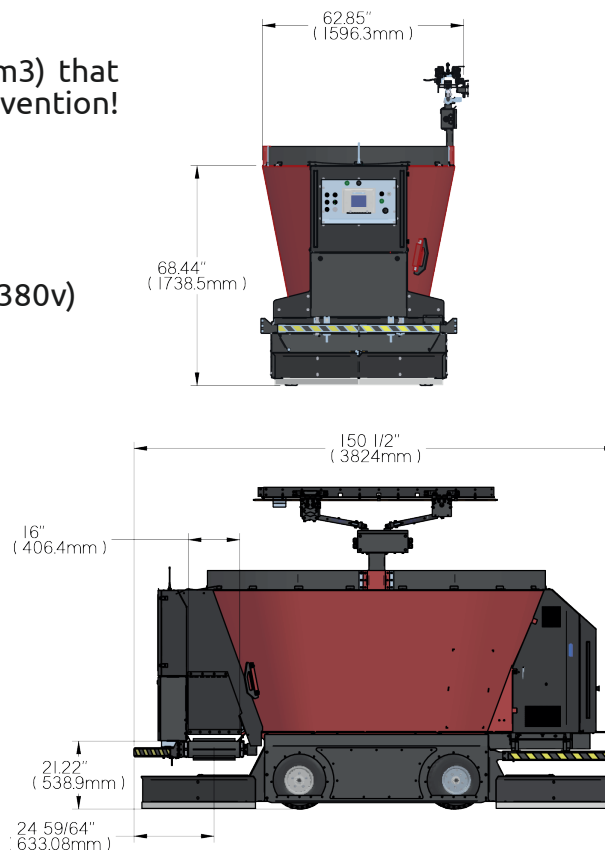
**DOOR & CONVEYOR**



**PROGRAMMING SCREEN**



**FEED SCRAPER**



## TECHNICAL SPECIFICATIONS

<b>CAPACITY</b>	120 cu.ft (3.4m <sup>3</sup> ), mix capacity up to 1000 Kg (2200 Lbs)		
<b>POWER</b>	Power supply 240 VAC 60 Amp via a suspended 3-bars multi-conductor rail		
<b>TRACTION AND MOTORIZATION</b>	Hydraulic all-wheel-drive , power steering and self-guided traction, 1 motor per wheel 5 HP (3.7 Kw) hydraulic pump motor 7 1/2 HP (5.5 Kw) motor for the double auger mixer		
<b>SPEED</b>	Variable and programmable up to 40 ft/min (0.2 m/s)		
<b>AUGER</b>	Abrasion-resistant steel auger (Hardox), variable speed up to 50 RPM; 4 knives per auger		
<b>LOADCELLS</b>	4 loadcells		
<b>DISCHARGE</b>	2-sided variable speed hydraulic urethan belt conveyor		
<b>FRAME</b>	Tubular rigid steel frame 2"X 5" X 3/16" (5 cm x 12.7 cm x 4.7cm)		
<b>STEEL</b>	Steel 3/8"(95mm) thick for the floor and 3/16"(47mm) for the walls Stainless steel liner in the tub		
<b>PROGRAMMATION</b>	Via a 5.75 inches (146 mm) colour touchscreen, Wi-Fi compatible 16 departures, 16 recipes et 32 ingredients		
<b>SECURITY</b>	Emergency stop impact bar system		
<b>ALLEY DIMENSIONS</b>	<div>■ 8,5 ft (2.6 m) minimum</div> <div>■ 2-sided discharge: 12 ft (3.65 m)</div> <div>■ U-turn: 16 ft (5m)</div>		
<b>DIMENSIONS (L X l X H) WITHOUT ARM</b>	150 3/4"X 60 3/4" X 68 7/16" (383 cm X 152.6 cm X 173.8 cm)		
<b>ARM HEIGHT</b>	<div>■ 90" (2,29 m) minimum</div> <div>■ 96" (2,4 m) recommended</div> <div>■ 120" (3,05 m) maximum</div>		
<b>WEIGHT</b>	4400 Lbs (2000 Kg)		