Innovation in and out of parlour

ATL Agricultural Technology Ltd

Units 1 & 2, Acorn Business Centre,
Oaks Drive, Newmarket, Suffolk, CB8
7SY, United Kingdom

T: 0044 (0)1638 731212
F: 0044 (0)1638 731174

E: info@atlagri.com
W: www.atlagri.com

Parlour Feeding

ATL electric feeders for abreast, herringbone and rotary parlours have been on the market since 1981

ATL electric feeders are simple to operate, easy to install, easy to maintain, strong, reliable and above all accurate.

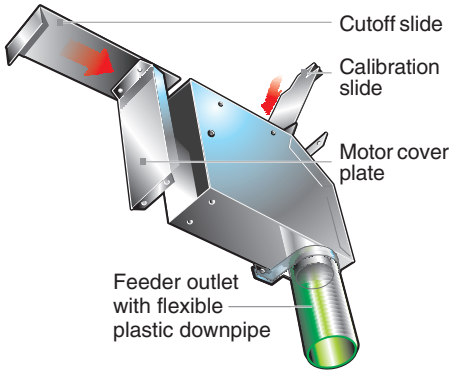
ATL feeders use a timed motor run to dispense a given quantity of feed. The amount delivered by an ATL feeder can be easily adjusted by altering either running time or delivery rate.

The ATL feeder has been designed to deliver the most popular feed grades - up to 3/8 pellets and free-flowing home mixes such as rolled barley and maize.

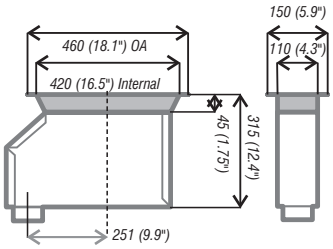
ATL electric feeders can be controlled by either the Digital Feeder Control, the Auto Control or the Micro Control.

Innovation in and out of parlour

Herringbone Parlour Feeding

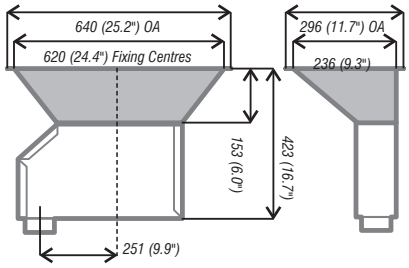


Dimensions in millimeters



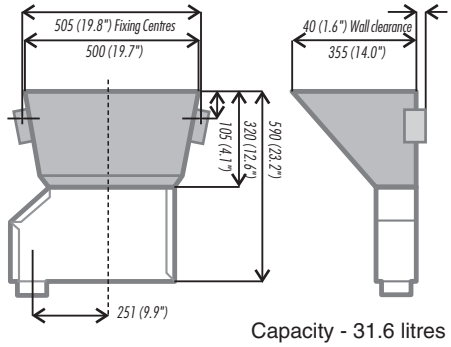
Capacity - 3.5 litres

Flange Unit



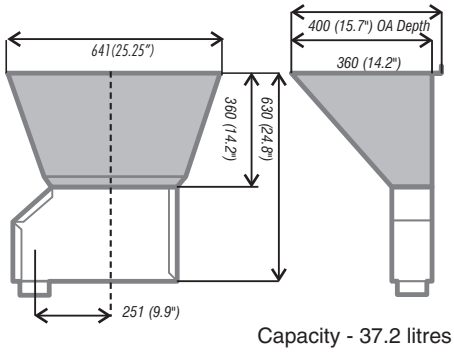
Capacity - 10.9 litres

Half Hopper



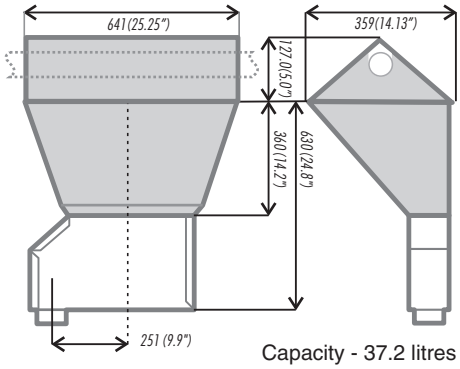
Capacity - 31.6 litres

20 Inch Hopper



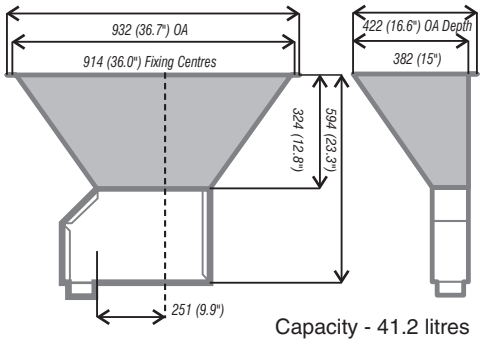
Capacity - 37.2 litres

26 Inch Hopper



Capacity - 37.2 litres

Auger Hopper



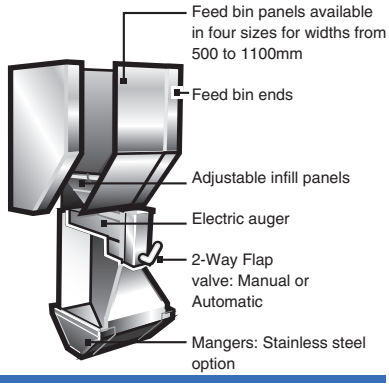
Capacity - 41.2 litres

36 Inch Hopper

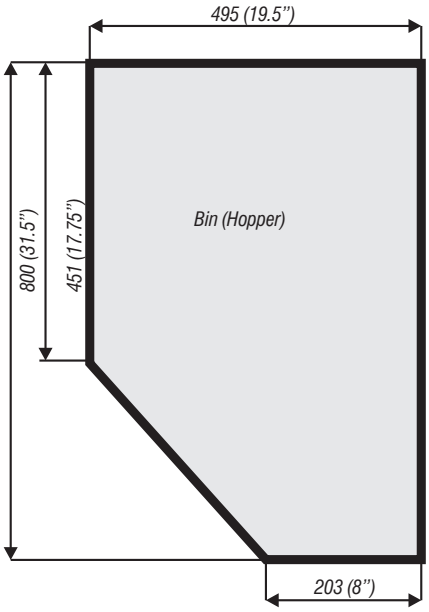
- Feeder Dimensions - 470mm x 270mm x 115mm (18.5 x 10.6 x 4.5)
- Nominal 12vDC motor, diodes pre-fitted, motor electrically isolated, common negative or positive, timed running, power supply entry through grommet on either side of feeder
- Heavy duty steel construction with rolled edges for extra strength and safety - 18 swg galvanised or stainless steel
- Stainless steel rivets, bushes and bolts used throughout for a long, corrosion free life
- Simple, positive fixing system provides fast installation and easy maintenance
- Fixings - Six M6 stainless steel bolts, cut off slide and calibration slide supplied
- Chute / downpipe - 76mm (3) OD flange

Innovation in and out of parlour

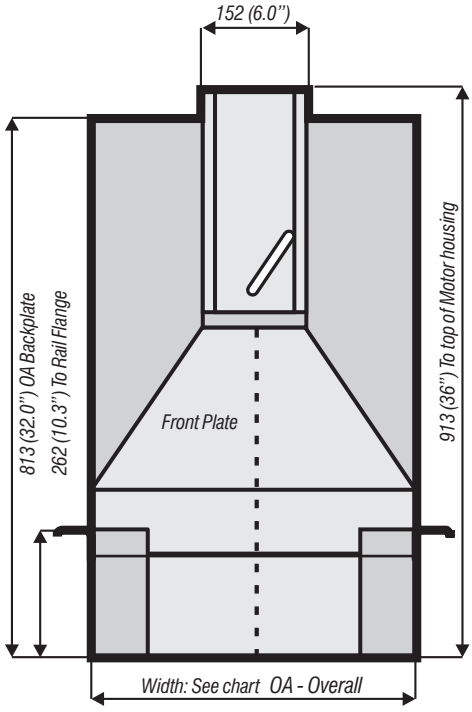
Abreast Parlour Feeding



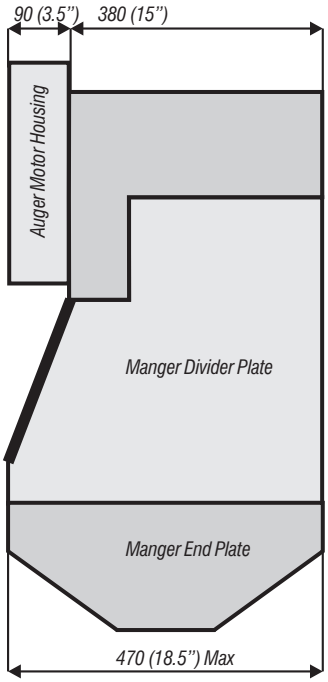
Dimensions in millimeters



Abreast Feeder Bin / Hopper



Abreast Feeder Manger (front)



Abreast Feeder Manger (side)

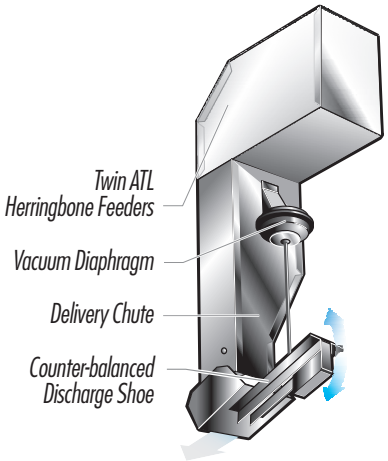
- Heavy duty steel construction with stainless steel rivets, bolts and bushes used throughout for a long, corrosion free life
- Rolled edges for extra strength and safety
- Nominal 12vDC motor, diodes pre-fitted, motor electrically isolated, common negative or positive, timed running, power supply entry through grommet on either side of feeder
- Manual or automatic flap options
- Feed bins and mangers available in five different widths from 500mm to 1150mm
- The abreast feeder units are available in the following widths (measured between the uprights):
  - 500mm - 650mm (19.7 - 25.5)
  - 650mm - 750mm (25.5 - 29.5)
  - 750mm - 850mm (29.5 - 33.5)
  - 850mm - 1000mm (33.5 - 39.4)
  - 1000mm - 1150mm (39.4 - 45.3)
- Feed bin / hopper and manger delivered flat-pack, ready for assembly

Innovation in and out of parlour

Rotary Parlour Feeding

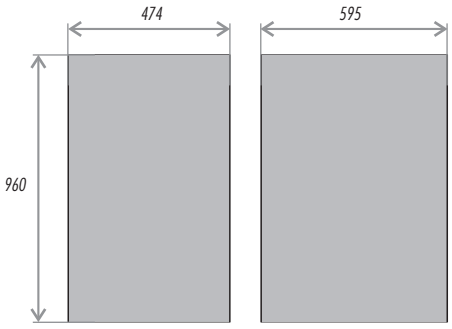
The ATL rotary parlour feeder has been designed to deliver rations at high speed into the centre of mangers on rotary platforms.

Twin ATL herringbone feeders fill a delivery chute and optical sensors detect the correct position for the ration to be dumped into the centre of the manger. The Digital Feeder Control is used to operate the feeder and prevents feeding if the table reverses for any reason. A large hopper / bin is provided for concentrate storage. An electric auger is required to deliver the concentrate to the hopper / bin during milking.



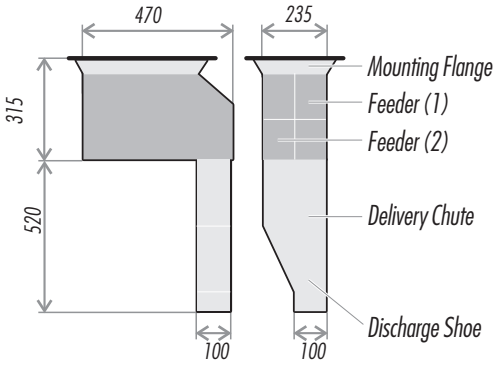
Rotary Feeder and Hopper

Dimensions in millimeters



Capacity - 265 litres

Rotary Parlour Hopper



Rotary Parlour Feeder

- Heavy duty steel construction with stainless steel rivets, bolts and bushes used throughout for a long, corrosion free life
- Rolled edges for extra strength and safety
- Nominal 12vDC motor, diodes pre-fitted, motor electrically isolated, common negative or positive, timed running, power supply entry through grommet on either side of feeder
- Rotary parlour feeder and hopper / bin
- Diaphragm valve
- 12vDC vacuum solenoid
- Omron transmitter and receiver
- Hanging chains
- **NOT** supplied but required are a vacuum supply to operate the diaphragm valve and an electric auger system to deliver concentrate to the hopper / bin