



**Innovation in and out of parlour**

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## HD90G Goat Locking Yoke Milking Parlour



**High quality, UK designed and assembled locking yoke milking parlour for goats.**

The HD90G locking yoke goat parlour provides you with a high quality, engineered solution for a reasonable price. Whether you are looking for a basic parlour or complete automation, this parlour can cater for you.

The high quality galvanised stallwork, with manual entry and exit gates, is designed to withstand the rigours of milking goats for many years. The high capacity milk and vacuum lines provide efficient milk transport and stable vacuum levels meeting the ISO standards.





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#### Parlour Features

- High level or low level, 90 degree goat standing, 375mm centred locking yoke milking parlour provides an unobstructed view of the goat, with optimal udder presentation and access through the rear legs;
- Goat friendly stalling design ensures excellent goat position and optimal operator working space;
- Simple installation with bolt together, heavy duty hot dipped galvanised steel frame;
- Manually operated entry and exit gates;
- Goats relaxed and ready for milking;
- Double tubular galvanised steel rump rail for operator protection;
- Option of pit or platform based milking parlour;
- Checker plate platform deck for long life.

#### Stallwork Features

- Goat access to the platform takes the form of stepped access ramps - each step has enough space for one goat to stand;
- Manual sorting gate on exit ramp optional (see photo below).







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**Milking Unit**

- Claw and shells manufactured from polysulfone for durability and longevity;
- Choice of either simultaneous or alternate pulsation;
- The circular shape and 172ml transparent bowl ensure easy handling, high visibility and rapid milk evacuation;
- 10mm ID short milk tube promotes excellent vacuum stability;
- Silicone liner for longevity.



**Milk and Wash Lines**

- Polished 316 hygienic stainless steel milk line, mounted high or low level, clamp on nipples to ensure stable vacuum, minimum maintenance, high level of milk quality and reduced risk of bacteria infection;
- Slug wash system with air blast control to give a very aggressive wash to milk line;
- Polished 316 hygienic stainless steel low level wash line with clamp nipples to ensure minimum maintenance.



**Vacuum Line**

- Large bore white PVC is used for the vacuum lines as it is lightweight, durable and easy to clean;
- Large bore reduces friction loss, creating a far more stable vacuum and less demand on the vacuum pump;
- The vacuum line is looped down each side of the parlour to provide maximum stability and reserve.



**Receiver Unit**

- Vertical stainless steel receiving vessel and 20 litre sanitary trap;
- High capacity milk pump and optional compressed air purge of delivery line.



**Pulsation System**

- Choice of either simultaneous or alternate pulsation - if simultaneous pulsation, 1 pulsator will provide pulsation for 2 milking points;
- The pulsator is easily cleaned and can be linked to a clean airline to reduce servicing costs;
- Electronic pulsator controlled by either E-Pulse or Pulse-8 Master pulsation Control.



**Vacuum Pumps**

- Vane and lobe vacuum pumps available;
- Vane vacuum pumps are oil-lubricated and require a constant supply of oil to operate;
- Lobe pumps are oil free and are therefore more economic to run as no oil is used to lubricate them;
- Lobe pumps also have lower minimum speeds so they can use less electricity on variable speed vacuum systems.



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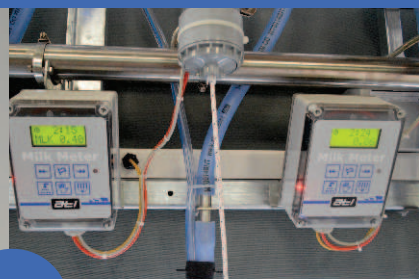
# Modular ATL technology supports a range of options to suit individual demands, needs and requirements

## Cluster Remover



- Range of cluster removers to suit different requirements;
- Allows the operator to reduce milking times and improve teat health by automating the removal of the milking cluster from the goat;
- Simple bright LCD display and warning lights;
- Colour bar graph display to indicate low to high conductivity at a glance;
- Free flowing sensor including shut-off valve.

## Milk Meters



- Simple and accurate, non-approved range of milk meters;
- Clear, large character LCD displays;
- Range includes simple, 3 button control through to full keypad for entering animal numbers;
- Can be stand-alone or integrated into ATL system;
- Integrated system can display animal number, current milk yield, highest conductivity, previous milk yield, and health attentions.

## ACR Cylinder



- Choice of either plastic or stainless steel ACR cylinder;
- Standard and lift to start versions available;
- Hanging hook in the top cap for easy installation;
- Plastic ACR cylinder includes solenoid for ACR operation.

## Locking Yokes



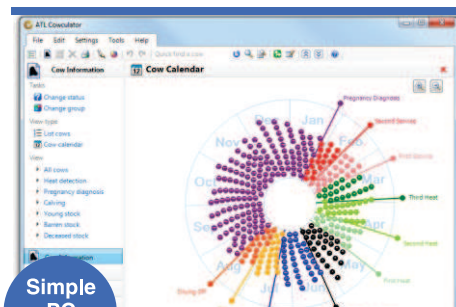
- Head locking yokes to secure goats for easy access and milking;
- Feeding trough is included;
- Head locking yokes operate sequentially, allowing access to one stall at a time when loading the parlour;
- All yokes open upon exit to allow all goats to exit quickly;
- Electronic feeders for each point is optional.

## Micro Control



- Micro control stores all animal data for the parlour;
- Store milk yields using the ATL milk meter;
- Automatically feed and store milk yields using MM80 full keypad milking point control;
- Milking prevention on health attentions.

## Simple PC Software



- Individual animal records containing daily feed rations, lifetime milk yields, lifetime conductivity values, health records and medicine use;
- Three types of ration calculation including feeding to yield and feeding based upon days in milk;
- Cow calendar visually shows each animal's position in the lactation cycle and highlights cows not performing.





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Auto Wash 365

- Simple and easy to use wash controller for small to medium sized parlours;
- 4 wash programs including dedicated pre-milking key;
- Peristaltic pumps accurately dispense chemicals at up to 0.8 litres per minute - up to a maximum of 3 pumps;
- Temperature sensor for wash trough and stainless steel pressure level sensor in wash trough.



Auto Wash Pro

- Simple and easy to use wash controller for large parlours;
- 8 wash programs, including dedicated pre-milking and milk stone program keys;
- Peristaltic pumps accurately dispense chemicals at up to 2.5 litres per minute - up to a maximum of 4 pumps;
- Temperature sensors for wash trough and return line(s). Stainless steel pressure level sensor in wash trough with conductivity.



VS Milk Control

- The Variable Speed Milk Pump Control allows for a more efficient pre-cooling of the milk;
- The milk is able to cool faster due to the constant flow rate through the plate cooler. This reduces the temperature of the milk which is entering the bulk tank;
- The slow, gentle and constant flow also preserves the milk quality when compared to the start and stop process of a standard milk pump control.



VS Vacuum Control

- The Variable Speed Vacuum Pump Control allows more efficient production of vacuum as vacuum is produced based upon demand;
- Vacuum demand will change throughout milking depending upon whether units are being attached, units being removed etc.
- This reduces energy use and therefore reduces electricity costs.
- System uses digital vacuum sensor to constantly monitor the vacuum level.





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