



# SR External

External Goat Rotary Milking Parlour

The SR External offers an efficient and high through put solution for large herds.

Designed especially for goats its greatest advantage is allowing an extra rotation for slow milking animals, offering a continuous milking process without disruptions.

**Platform**

The SR External platform is a sectional construction meaning a quick and easy installation. The robust galvanized checker plate flooring provides a non-slip surface.

**SR EXTERNAL ROTARY (GOATS ONLY)**

<b>Number of Clusters</b>	32 - 120
<b>No. of Operators</b>	1 - 2
<b>Expected Milking Performance</b>	240 - 960 animals / hr
<b>Typical Herd Size</b>	More than 400
<b>Automation</b>	Plant automation
<b>Farming Operation</b>	Varies
<b>Level of Investment</b>	<div style="width: 80%; background-color: #333; height: 15px; display: inline-block;"></div>

**MILKING PERFORMANCE GOATS / HOUR**

		Rotation Times (Minutes)								
		4	4.5	5	5.5	6	6.5	7	7.5	8
		No. Goats Milked Per Hour								
Size Of Rotary (No. Of Clusters)	32	480	427	384	350	320	296	275	256	240
	40	600	534	480	437	400	370	343	320	300
	52	780	694	624	568	520	480	446	416	390
	60	900	800	720	655	600	554	515	480	450
	72	1080	960	864	786	720	665	618	576	540
	80	1200	1067	960	873	800	739	686	640	600
	100	1500	1334	1200	1091	1000	924	858	800	750
	120	1800	1600	1440	1310	1200	1108	1029	960	900



## Guided Entrance

Goats enter the parlour through a guided chute ensuring they enter the parlour in an orderly manner.

The guided chute doesn't allow for animals to overtake each other or lose their way. A pneumatic door can be added at the entrance if required to control animal entry.

Each goat is guided to an individual stall, feed is automatically dropped into the feed bin where the animal places its head and is held in place with a self-locking head lock. Once milking is complete the head lock opens automatically just before the exit.

The external parlour also comes with a camera and monitor as standard. The camera is situated at cups off and allows the operator to observe animals before exiting. If the goat requires further milking a button push can be easily accessed and prevents the head lock from opening, it will be held in the stall for another rotation, passing the bridge with no interruptions to entering or exiting goats. A second camera can be mounted as an option to observe what is happening in an other area, i.e the yard.



Guided chute for entering the parlour.



Monitor.

## GUIDED ENTRANCE FEATURES:



### Bridge Area

- Entry box / exit deck are included in base specification
- Entry stairs and exit ramps are additional and generally configured on site depending on the installation



### Entry Box

- Operator console integrated directly in to entry box
- Texas gates for animal entry
- Integrated pneumatically operated entry assist
- Mounting boom for feed head
- Integrated monitor mounting
- Standard configuration is a single gate a second entry box with feeder is optional and recommended on larger installations



Goat Pusher.



One Way Gates.

## GOAT PUSHER / ONE WAY GATES

The pneumatic goat pusher is integrated in to the entry box. The one way gate is included to prevent goats returning to platform via the exit race.

# Design Features:

## Platform Construction:



### Streamlined bail design

- Dummy bail to house automatic cup remover ram and wash unit
- Milking control unit mounting option available



### Sectional construction

- Quick and easy installation
- Galvanised checker plate flooring
- Plastic flooring option available



### Adjustable platform

- Adjustable to suit operator
- Set during installation



### Operator Console

- Integrated directly in to Entry Box
- Controls platform speed and direction (forward/reverse)
- Manual retention button
- Goat pusher
- Entry gate controls
- Emergency stop button
- Park button
- Electrical lockout
- Pneumatic regulator and gauge



### Touch Screen Panel

- Controls Feeding of five groups with up to two feed types
- Feeding dispense and calibration controls
- Animal counter and ability to stop at end of group
- Displays time

## Drive System:



### Drive Station

- Compact Drive Unit
- Positive Chain Drive System
- Option available to have an extra drive unit installed for redundancy

### Equipment Protection

- Placed high on the inside of the platform to protect equipment from water and curious goats



### Headlocks & Feeding:

Animals are enticed into the milking parlour with feed. The feed bins are filled automatically when the animal enters the parlour by a pneumatic dispenser. Giving you the option of five different rations with feed types available. A feed control box is mounted on the bridge.



### Feed Heads

- Hopper and dispenser integrated directly on to the boom of the entry box

### Feeding Bins

- Included as standard: Stainless Steel Feeding Bins and Stainless Steel Head Divider
- Bins can be manually tipped for easy cleaning



### Head Lock system

- Head lock automatically locks when the goat reaches for feed
- Galvanized steel construction
- Manual second round option that can be operated via pushbutton on the operator console
- High level of goat comfort
- Option to integrate retention automatically into automatic cup remover



### Safety Features



### Easy Access Way

- Entry access as standard on all platforms
- Wide for easy operator/service technician access
- Two sets of free standing steps provided as standard



### Cameras and Monitors

- Standard platform includes one camera at cups off and display monitor to allow cups on operator to view platform exit
- Additional camera and monitor can be easily installed to view yard

# EGO Lifting Floor

The floor which brings you up to a healthy ergonomic height.

The EGO lifting floor from GEA means you and your staff can now milk in your most comfortable position. This means no more stretching up to attach clusters or hunching over for those taller operators. The responsive flooring on the standing area provides superior operator comfort.

With just a simple touch of the finger the working area can be raised or lowered to the desired level of comfort. Operators can easily identify the ideal setting for their body size, not only does this promote operator comfort, but can help with visualising bail terminals and animal identification.

The low-maintenance EGO lifting floor is made to match your parlour, whether this is a herringbone or rotary. The considerable lifting height of 300mm permits continuous matching of your body size to the depth of the pit.

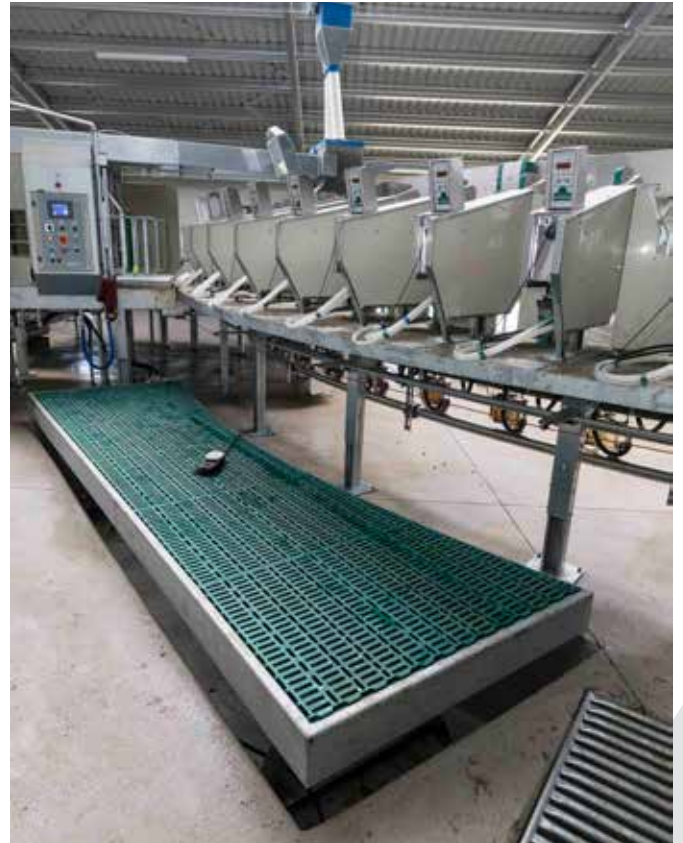
## Key Features:

- Low maintenance system, hot-galvanised or stainless steel version (recommended for contact with acids) available
- High load bearing capacity of up to 12 persons when stationary
- Simple installation due to pre-assembled modules
- Centrally raised floor with 3% slope for additional muscle relief
- Flooring options available for internal, external and herringbone milking parlours.





EGO floor shown at lowest level.



EGO floor shown at full height capability.





## We live our values.

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