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ЗАЛЫ ДОЕНИЯ

SR EXTERNAL, SR INTERNAL

Технические характеристики



The SR External offers an efficient and high throughput 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)

Number of Clusters	32 - 120
No. of Operators	1 - 2
Expected Milking Performance	240 - 960 animals / hr
Typical Herd Size	More than 400
Automation	Plant automation
Farming Operation	Varies
Level of Investment	<div><div></div></div>

MILKING PERFORMANCE GOATS /			Rotation Times (Minutes)							
HOUR			4	4.5	5	5.5	6	6.5	7	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:



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



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



EGO Lifting Floor

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

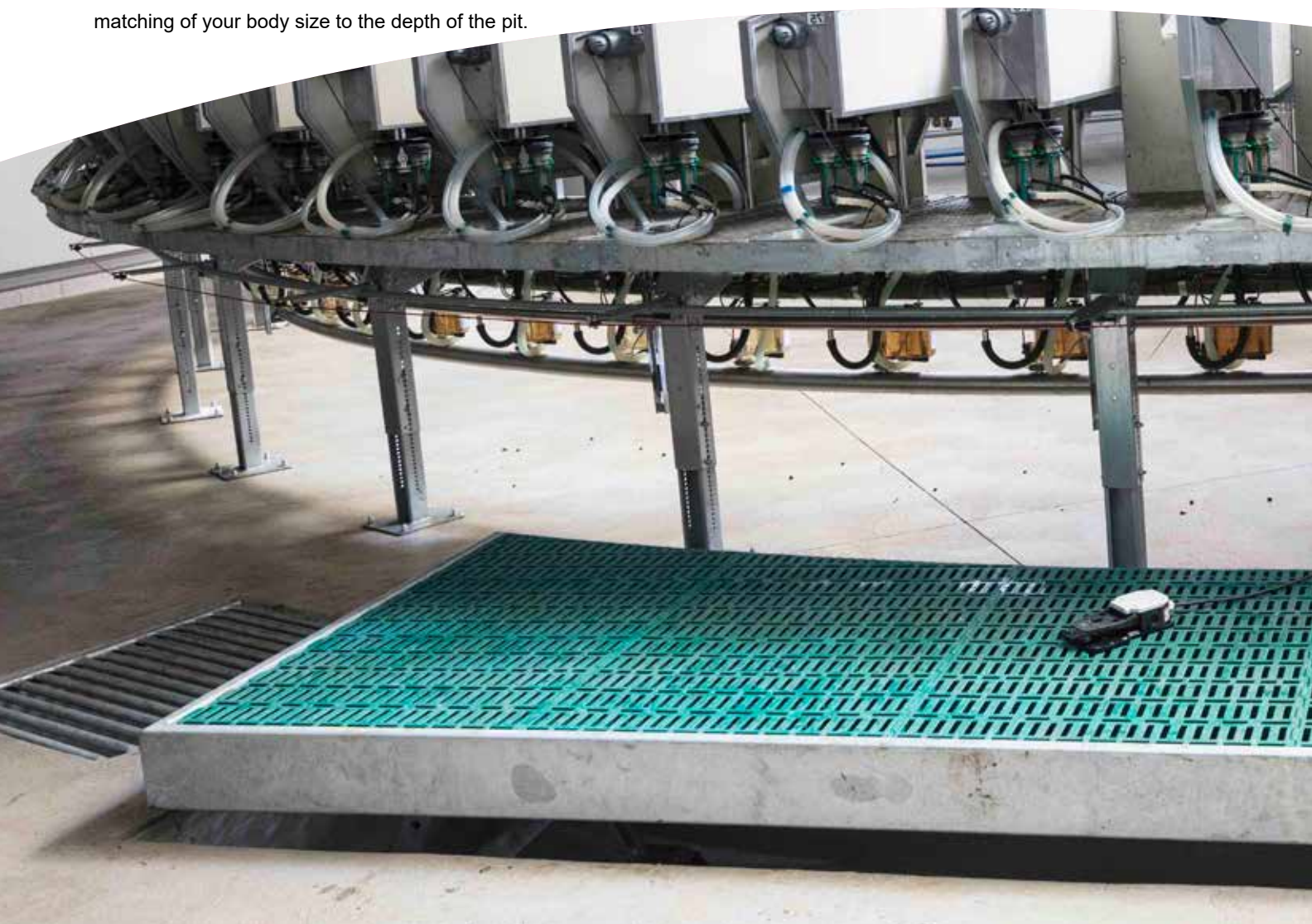
The EGO lifting floor from GEA means you and your staff can now milk in your most comfortable position. This means no more stretching up to attach clusters or hunching over for those taller operators. The responsive flooring on the standing area provides superior operator comfort.

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.



The SR Internal rotary is designed especially for sheep and goats to offer a continuous milking process ensuring the highest milking performance.

The internally mounted equipment provides the operator with an easy overview of the entire milking process.

- Key Features:
- Individual self-locking head locks
 - Simple installation

SPECIFICATIONS SR INTERNAL ROTARY (FOR GOAT & SHEEP)

Number of Clusters	32 - 72
No. of Operators	1 - 2
Expected Milking Performance	240 - 960 animals / hr
Typical Herd Size	More than 400
Automation	Plant automation
Farming Operation	Varies
Level of Investment	<div><div></div></div>

MILKING PERFORMANCE GOATS & SHEEP / HOUR

		Rotation Times (Minutes)								
		4	4.5	5	5.5	6	6.5	7	7.5	8
		No. Goats & Sheep Milked Per Hour								
Size Of Rotary (No. Of Clusters)	32	480	427	384	350	320	296	275	256	240
	36	540	480	432	393	360	333	309	288	270
	40	600	534	480	437	400	370	343	320	300
	48	720	640	576	524	480	444	412	384	360
	60	900	800	720	655	600	554	515	480	450
	72		960	864	786	720	665	618	576	540

SR Internal Rotary Milking Parlour.



An efficient solution for entry into the parlour; the animals enter the parlour through a guided chute ensuring they enter 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.

Unlike traditional rotary milking parlours the SR Internal Rotary has no fixed stall divider structure to hold the animal in place. Feed is automatically dropped into the feed bin where the animal places its head and is held in place with a head lock for the duration of the milking. Once milking is complete the head lock opens automatically just before the exit.

The self emptying feed bins and headlocks then pass under the bridge, where the feed residues are emptied, they then rise again to the milking position and are ready for the next animal.

Depending on the level of automation the configurations of the milking equipment will be changed.

When automatic cup removers are installed the milking clusters are suspended from a overhead frame, placing the cluster at the optimal height ready for attachment. At the end of milking the cluster is raised back to position for convenient and quick attachment.



Guided entrance and exit.



Animals entering the platform.



Self emptying feed bins.



Feed bin and headlock passing under the bridge.



Electronics are mounted on the upper structure to protect from water.

Design Features:



Sectional construction

- Quick and easy installation
- Galvanised checker plate flooring
- Stainless steel internal nib (optional)
- Rubber mat flooring available



Adjustable platform

- Adjustable to suit operator
- Set during installation

Operator Panels:



Operator Console

- Integrated directly in to entry box
- Controls platform speed and direction (forward / reverse)
- 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 and mineral dispensing
- 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

Guided Entrance:



Bridge Area

- Entry alley and exit platform included in base specification
- Entry stairs and exit ramps are additional and generally configured on site depending on the installation



One Way Gates

- One way gate included to prevent goats returning to platform via the exit race

Headlock and Feeding:



Head Lock system

- Head lock automatically locks itself down when the goat reaches for feed
- Galvanized steel construction
- Drops forward and passes under bridge
- Goat or sheep specific head lock options
- High level of animal comfort

Feeding Bins

- PPE feed bins included as standard with the option of stainless steel feed bins
- Head divider optional
- Bins tip to empty any remaining feed

Feed Heads

- Free standing feed frame
- Mineral dispensing option

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.



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