

Gain with Us



Animal Husbandry Machinery and Equipment

Milking System

Herd Management Systems

Barn Equipment

Manure Management Equipment

Feed Mixing and Distribution Wagons (TMR)

AVRASYA AGRICULTURE

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ANIMAL HUSBANDRY MACHINERY AND EQUIPMENT

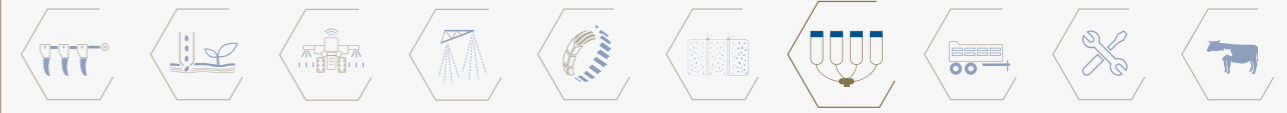
Milking System



**Rapid Exit
Herringbone Milking Parlor**

Technical Details

All demountable hot dip galvanized rapid exit herringbone parlor stalls
Double zig-zag pipes at each side to direct the cows for standing 30° to the pit
Support posts at every stall with back plate
Pneumatic entry gate, 50x700 mm cylinders
Pneumatic swing up exit gates, 100x600 mm cylinders
Telescopically adjustable chess bar
Hotdip galvanized kerb with 1/2" pipe on top edge, stainless steel sliding hose holders
100x80 mm profile connectio between main support posts
120x80 mm main support posts
All construciton installation by cast and steel clamps, no welding required during installation
Two operator ladders
Benefit: Milker can see four teats of each milking cow during cluster attachment



Milking System



**Rapid Exit
Parallel Milking Parlor**

Technical Details

All demountable hot dip galvanized rapid exit parallel parlor stalls
Stainless steel backpan with slurry chanel and automatic flushing at every exit
Index gates, with out spring- problem free
Pneumatic entry gate, 50x900 mm cylinders
Pneumatic swing up exit gates with tandem cylinders for easy load and push back cows for milking
Tandem exit gate cylinders 125x375+75 mm
In concrete, durable stainless steel kerb with 1/2" pipe on top edge, stainless steel sliding hose holders
100x80 mm profile connectio between main support posts
120x80 mm in concrete main support posts
Three pool style stainless steel operator ladders.
Optional stainless steel cabinet

Milking System



Classical Herringbone Milking Parlor

Technical Details

All demountable and hot dip galvanized herringbone parlor stalls
Double zig-zag pipes at each sides to direct the cows for standing 30° to the pit
Support post at every stall with back pan
Entry and exit gates
Scissor type lock at exit gates and sliding lock at entry gates
Telescopically adjustable chess bar
Hotdip galvanized kerb with 1/2" pipe on top edge, stainless steel freely sliding hose holder
Wall to wall pipes connected to support posts
All construction installation by cast and steel clamps, no welding required during installation
Two operator ladders
All parts are hot dip galvanized
Benefit: Milker can see four teats of each milking cow during cluster attachment



Milking System



Electronic Pulsator and Automatic Cluster Remover

Technical Details

Enables excellent pulsation for milking with a limping value of less than 0,5
Cares for teat-health, results with less mastitis cases
NARAS-PULS electronic pulsator, 24 VDC
Naras OCS600 SS, double stroke remover cylinder
24 VDC remover and vacuum shut valve manipulator valve (Naras-Puls-24 VDC)
Stainless steel vacuum shut valve bracket
Looped PVC pulsator line
51 mm PVC pulsator clean air line, changable air filters with large surface

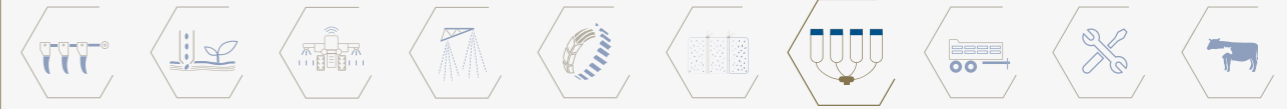
Milking System



Milking Clusters
and Jettors

Technical Details

Patented, monoblock teat liner from teat top to milking claw
Just like the calf suckling the cow's teat, squeezes the udder from top to down
490 cc NARAS-AK claw. Stainless steel lower lid and transparent upper lid
4 pcs stainless steel shells
27x16 mm milk hose, 13,5x7 mm NBR dual pulsation hose
Stainless steel looped milk line, fittings and milk cocks, brackets
Stainless steel looped wash line, fittings and wash cocks, brackets
Stainless steel NARAS-PAK 2 bending washing jettors



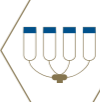
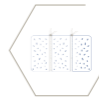
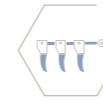
Milking System



CIP Automatic
Washing System

Technical Details

Controls the milking and performs the necessary washing program automatically after milking
Two separate peristaltic dosage pumps for alkaline and acidic detergents
3-way diverter valve
Two pieces of 1" intake valves and a water filter
Water level floater
Controls nearly every function in parlor (reheating, plate cooling, washing and milking vacuum levels, vacuum pumps, extra run of milk pump between washing sessions, pulsators, cluster removers etc.)
Easy maintenance and service



Herd management system is a management and decision tool that provides accurate data to the dairy farmer to make the best decisions.

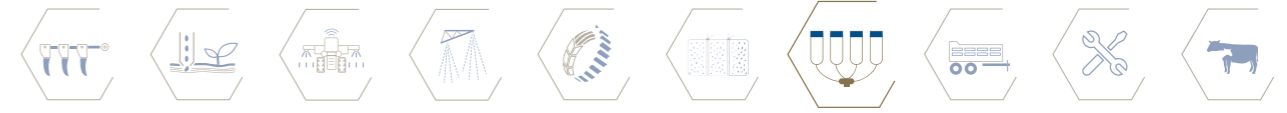
Management Concept

- Production, Breeding and Health Monitoring
- Heat Detection
- Body weight
- Individual Feeding
- Cow Separation
- Management Software



What is offered?

The system comes with a software that simplifies decision making by analyzing data
Works with an SQL database which generates almost unlimited reports without limitation
Controls the equipment that is connected to the system or can be connected in the future, to collect and transmit data
Works online with all the hardware and sensors
All data, collected automatically or manually entered, is saved in the database of the corresponding animal. Keeps each individual's calendar and genealogy and pedigree records
Keeps the drug inventory
The desired data graphs of the individual, group or whole herd can be seen separately or simultaneously in the same table and makes diagnosis simple
Makes prediction about production (reproduction, herd size, etc.)
Determines heat with a success rate over 99%
Identifies and warns about disorders such as ketosis, acidosis, lameness
With the web-based service, you can always access your data from anywhere
Provides instant observation and intervention thanks to online Monitoring Tool



Herd Management Systems

Milker performance measurement

Parlor hygiene data

Ketosis detection

Animal welfare measurement

Feed errors warnings

Live weight and body condition data

Health data

Animal heat data

Birth time and difficult calving notification

Individual feeding data

Best insemination time

Automatic animal separation

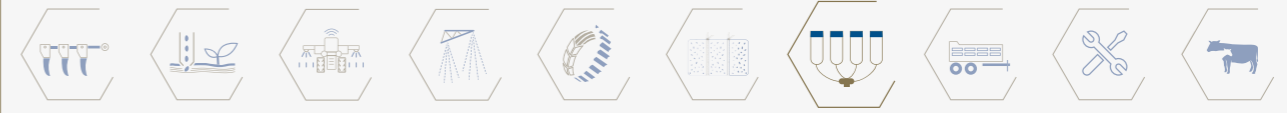
Lameness warnings

Milk yield and analysis

Group welfare measurement

Diagnosis of early teat disease (mastitis)





Barn Equipment



Animal Brush

Brush Diameter	40 cm
Brush Piece	1 Block (one piece)
Sensor	Yes
0.18 kW 220 V electric motor	
30 rpm working speed	
Metal thickness of at least 5 mm, hot dip galvanized	
It can be tilted in every direction, it works in 10-degree slope and stops in upright position	
In case of jamming, it stops and starts working in reverse mode	

Technical Details

Product Description

The rotary cow brush is designed to increase the health and welfare of the cow. With its appropriate length and thickness of brushes, this unique animal-friendly brush rotates slowly in all directions on the cow, increasing blood circulation and helping to relieve the animal. It therefore helps more milk production. It does not take up much space in the stables and is quite easy to clean.

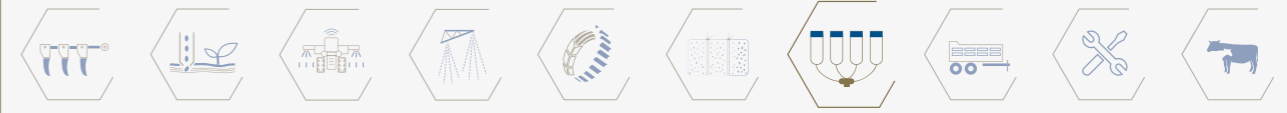
Barn Equipment



Head Locks

Technical Details

Material	Hot dip galvanized steel, galvanization thickness is 0,80 microns
Size	75 cm/ head, height 90 cm
Individual Locking	Yes
Locking Mechanism	Locked with pin
Type	Safety type, when there is a problem can be opened towards the opposite side saving the animal
Lock Lever	A lock-lever for every 16 animals (every 12 m), can be produced according to requirements



Barn Equipment

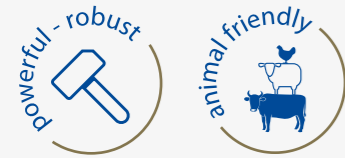


Free Stall Cubicles

Technical Details

Design	Specially designed according to animal behaviours and welfare, long-life against corrosion
Material	Hot-dip galvanized pipe, clamp fitting, no welding required
Size	205 cm x 82 cm
Pipe Diameters	60 x 3 mm
Support Post Diameter	76 x 3 mm
Neck-line Pipe	48 x 2 mm
Adjustable	Yes

Barn Equipment



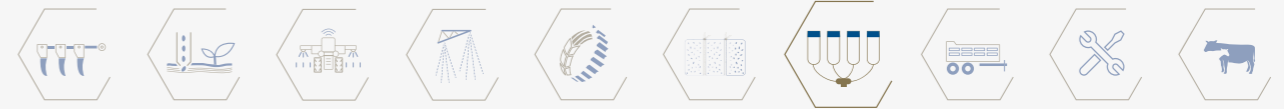
Ventilation and Cooling Fans

Technical Details

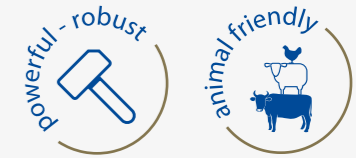
	OPTIMUS	MAXIMUS
Motor	0.55 kW 3 x 380 Volt	1,5 kW 3 x 380 Volt
Propeller Diameter	106 cm	186 cm
Capacity	31,500 m ³	80,000 m ³
3 m/sec Airspeed	at 12 meters	at 18 meters
2.8 m/sec Airspeed	at 16 meters	at 22 meters
Blade RPM	900	360

Product Description

Ventilation and cooling fans are ideal for cattle farms. High power is achieved with low power consumption and speed. The low speed also reduces the wing noise.



Manure Management Equipment



Manure Scraper

Number of Drive Units	1 drive unit, scrapes 2 alleys
Motor Power	380 V; 0,37 kW up to 50 m barn length; 0,55 kW up to 100 m barn length; 0,75 kW for longer barns
Scrapers	15 mm iron material
Types	13 mm hardened steel chain; 10 mm steel rope; combination of chain and rope
Operating Speed	2.8 m - 3 m/min
Control Box	Programmable up to 25 separate times auto-scraping
Power Control	Detects resistance by animal in the alley, stops automatically and restarts, all programmable
Added Benefit	Does not require a u-profile housing for the chain or rope

Product Description

Manure scraper increases hygiene, minimizes diseases and thus increases milk yield. They are user and animal-friendly, considering animal welfare, resisting corrosion, oxidation and other external factors. It can be used many years with its durable structure and is highly energy efficient.

Technical Details

Manure Management Equipment



Manure Pump

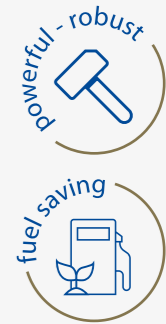
Technical Details

Type	Electric with rubber rotor		
Motor Power	11kW, 380 V		
Material	Body Ductile Iron	Rotors Rubber	Chassis Hot Dip Galvanized
Capacity	68 m ³ / hour		
Built-in Mixer	none		
Working Pressure	3 bar		
Hose Outlet Diameter	150 mm		
Cycle	540 rpm		
Stone Holder	Standard		
	It is a lobed type manure pump that can take its own air		

Product Description

Unlike the compressed type of manure pumps in the market, manure pumps is a lobed type pump and is easy to clean. Through that it resists corrosion, it works for many years without performance loss in the process of transferring liquids which have high particulate ratio.

Manure Management Equipment



Manure Mixer

Technical Details

Type	Diving type
Motor Power	7.5 kW
Number of Blades	2 blades
Mixer Speed	325 rpm
Mixer Diameter	610 mm
Material	Casting body
Platform	Included (hot dip galvanized steel construction pedestal and calaskal)

Product Description

- The Electric motor and special design gearbox operate completely in the liquid.
- The mixer can work at the desired depth of the manure pit.
- Special design manure mixer blades (minimum energy use - maximum mixing capability)



ANIMAL HUSBANDRY MACHINERY AND EQUIPMENT

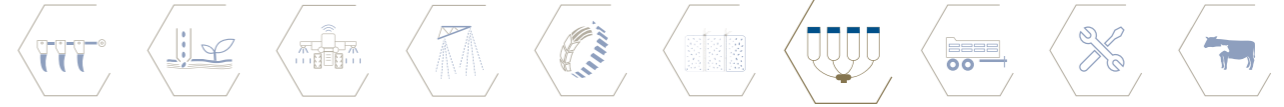
Feed Mixing And Distribution Wagons (TMR)



NFM-5 Series

- Discharging cover and band with hydraulic piston on all models
- Double auger system
- Standard loading scoop with hydraulic piston on all models

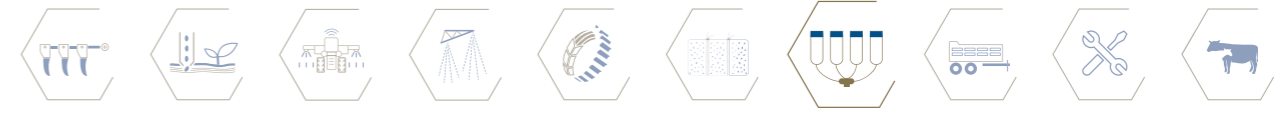
Product Description



Horizontal Feed Mixer

Technical Details

NFM-5	1	2	3	4
Capacity (m3)	4	4	6	8
Number of Blades	56	122	132	144
Number of Auger	1	2	2	2
Weight (kg)	1750	2400	3200	3500
Required Tractor Power (hp)	30	40	40	50
Length (mm)	4300	4500	4500	4600
Width (mm)	1500	1500	1750	1850
Height (mm)	1950	1950	2200	2500
Options				
Weighening system Electric system				



Feed Mixing And Distribution Wagons (TMR)



NFM-6 Series

Vertical Feed Mixer

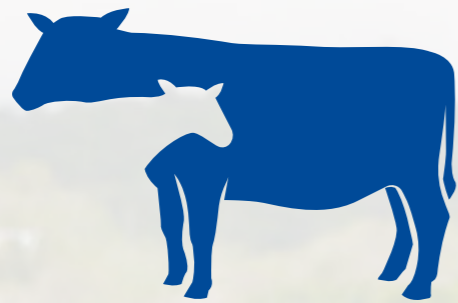
Technical Details

NFM-6	1	2	3	4
Capacity (m3)	1,5	2	3	5
Number of Blades	6	6	7	7
Number of Auger	1	1	1	1
Weight (kg)	500	1100	1500	2600
Required Tractor Power (hp)	10	25	35	40
Length(mm)	1750	4200	4600	4300
Width (mm)	1100	1150	1500	1650
Height (mm)	1600	2100	2000	2500
Options				
Weighening system Electric system				

- Loading scoop on all models
- Special alloyed knives and vertical auger system
- Discharge cover with hydraulic piston on all model

Product Description

Gain with Us



Farmer Coaching

Farm Design and Project Management

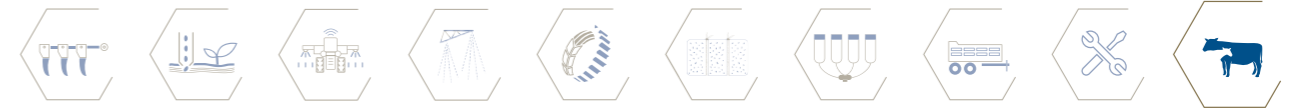
Dairy Livestock Farming Consultancy

Meat Livestock Farming Consultancy

Milking Parlor Performance Measurement
and Supervision

Specialized Advisory Services





Profitable and Effective Farm Management

For profitability in farm establishment, it is necessary to focus on the elements that we can control and to manage our farms most effectively. In order to achieve a more economical and effective management in our farms, firstly correct information and correct decisions are required. To help you, we have developed our training and consulting services.

TRAININGS

We carry out our trainings in a wide range of locations and scopes under a corporate structure. Please follow us for our paid and free trainings specially designed for a farmer's specific needs.

CONSULTANCY SERVICES

Our Experts

Our experts will provide our consultancy services in a wide perspective—at site, remote, generalist or specific to a farm. Our experts have been managers or academicians in various parts of the world for many years. Particularly, our experts have significant experience and have realized academic studies around the world.

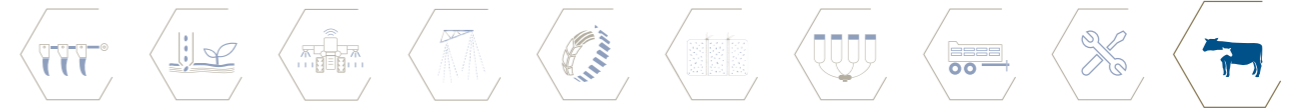
Consultancies

Our consultancy services serve two stages of a farm:

Before Founding the Farm: If you are looking for a professional and profitable farm, we serve you with the whole package and you can select from the professional services.

After Founding the Farm: If you have an already established farm, we begin with a review of your farm by our experts. As a result of this review, your business will be examined in terms of a list of issues and a report will be prepared giving you detailed information.





New Farm Project and Application Services

Farm Design and Project Management

The most important element that differentiates a correct and professional project and enables the enterprise to make profitable production throughout its economic life is the farm design. The layout includes design of the shelters and auxiliary buildings of the entire enterprise according to the initial and final capacity. Functional / architectural projects are prepared accordingly. Follow-up service is also offered during the implementation phase.

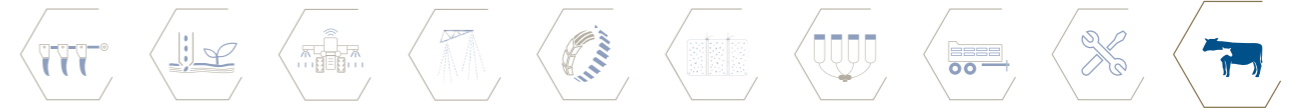
Project design and management of works are carried out from the first day to final delivery following a giant scheme.

Farmer Coaching for an Already Established Farm

Dairy Livestock Farming Consultancy (Cattle, Sheep & Goat)

In the scope of consultancy, shelters, delivery and calf areas, feed center are observed; From the perspective of manager, animal welfare, veterinary issues, feed rations, feeding program, milk plan, heifers planning, insemination (with hormone treatment for the sheep and goats), herd and culling plan are examined. Observations on the farm and what needs to be done in the first place for a more effective and profitable management are presented as a report and a recommendation. If requested, it is also possible to make a periodic contract with which visits are made routinely.





Farmer Coaching for an Already Established Farm

Meat Livestock Farming Consultancy (Cattle, Sheep & Goat)

Within the scope of consultancy, shelters, feed center are observed; animal welfare, veterinary issues, feed rations, feeding program, animal development plan and vaccine plan are examined. Observations on the farm and what needs to be done in the first place for a more effective and profitable management are presented as a report and a recommendation. If requested, it is also possible to make a periodic contract with which visits are made routinely.

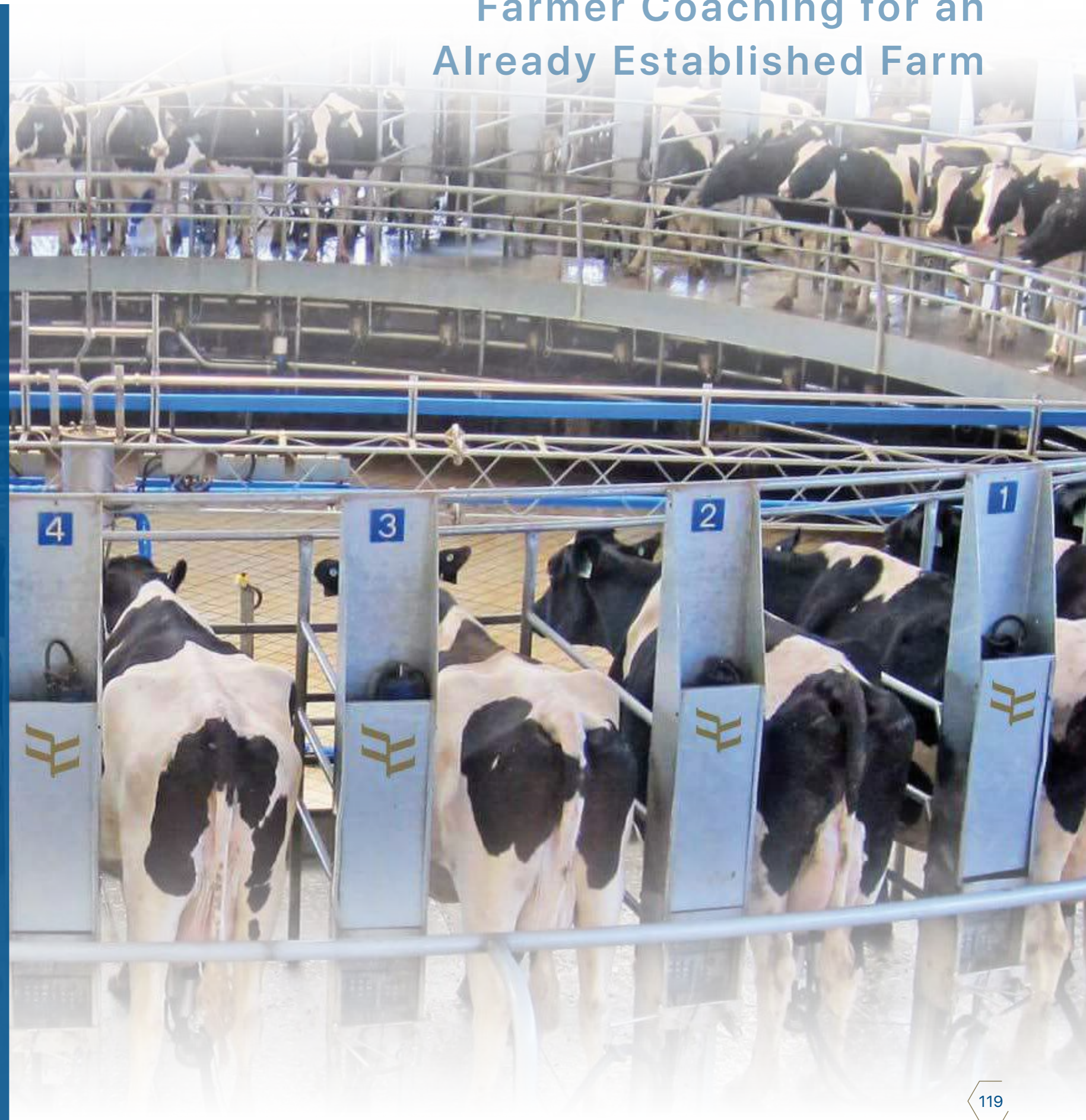
Milking Parlor Performance Measurement and Supervision

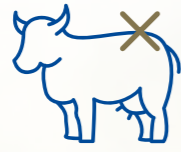
The milking parlor is one of the most important points of a dairy farm. The milking machine must be of a correct structure, which technically does not impair the health of breasts and milk and maximizes the quality of milk. In addition to the correct operation of the milking machine, it is very important to create specific routines and protocols, and to ensure that the employees comply with them. In this service, our specialist comes to the farm with all necessary measuring instruments and inspects your parlor, performs all measurements and provides information to create the protocols required for healthy milking. Reports of the performance measurements and the points to be corrected are delivered to the farm manager.

Specialized Advisory Services

We can provide you with special consultancy services, including training, which you can request for your business needs. Please contact us for these services.

- Green-house business
- Soil and water management
- Irrigation projects
- Cultivation management
- Forage production
- Separation of manure and compost making
- Pest management
- Dairy processing projects





Reduction in open days



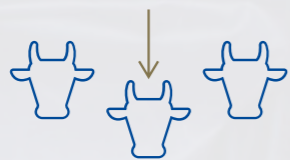
Less hormone



Savings in labor



Reduced treatment and medicine



Reduced involuntary culling





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