

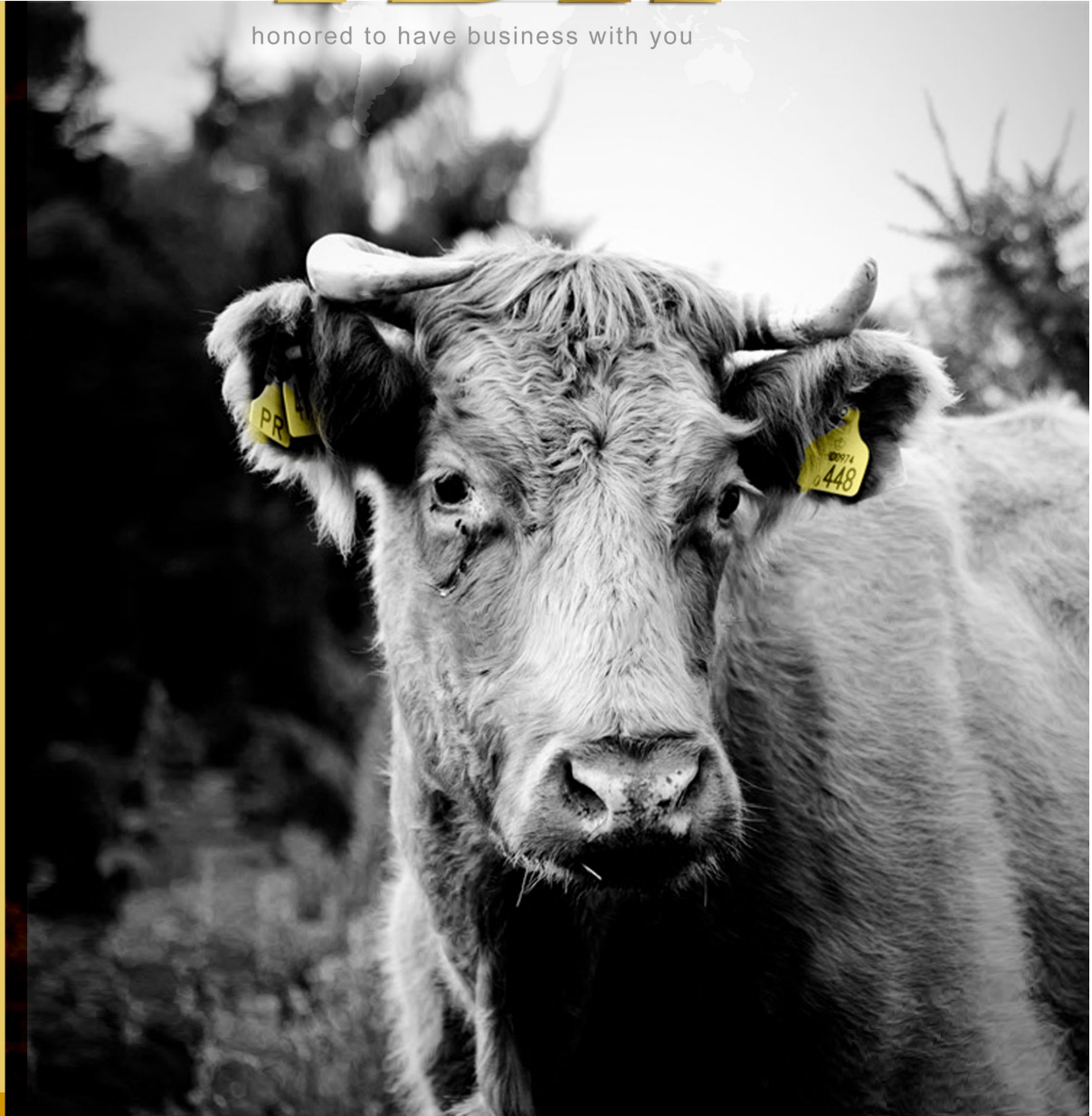
We are

TDK

honored to have business with you

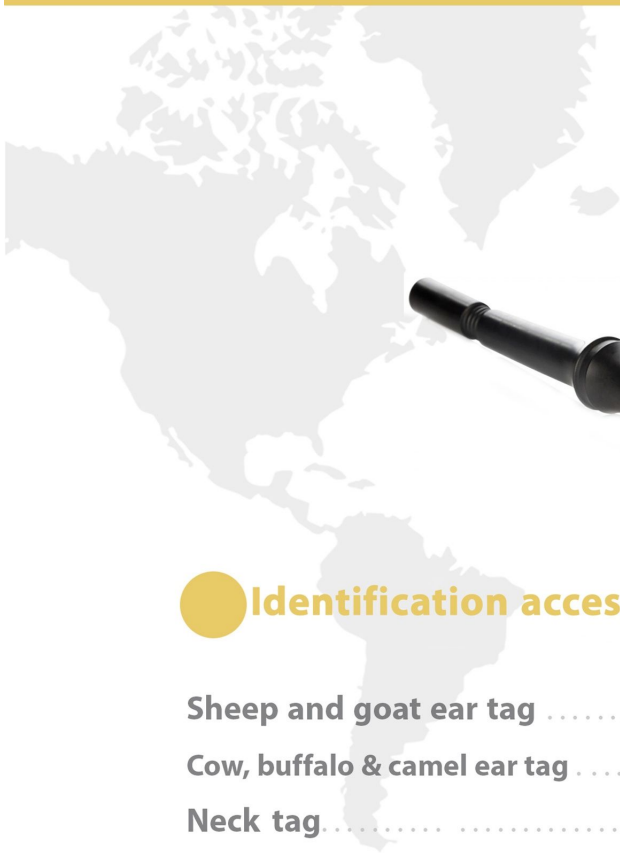
w w w . t i r d a y k a l a . c o m

2016
Version





Tirday kala is a commercial company located in Tehran which is doing business on milking system (portable and stationary), milking machine spare parts like liners, filters, tubes and other parts. Supplying identification equipment include different type of one/two pieces ear tags in blank and laser-printed for all livestock with necessary accessories like applicators and markers is another field of our business. Also, we supply different size of knives for feeder-mixers, silage scrapers and millers and some others spare parts.



● Milking Equipment

Milking liner	2
Milking filter	3
Milking tubes	4
Milking machines.....	6

● Identification accessories

Sheep and goat ear tag	8
Cow, buffalo & camel ear tag	9
Neck tag.....	10
Ostrich tag.....	10
RFID tag	11
Ear tag applicators.....	11
Neck band	12



● Machinery

Silage scraper	14
Spare knives	15



Milking Machine Equipment

• • •

Liner

Liner is the only part of a milking machine which is in direct contact with teat and it is one of the most important parts in fast smooth and complete milking. Based on brands of milking machines, liners are produced in different shapes and sizes, and in rubber and silicon material. As a conclusion a liner can be used for 2500 to 6000 times milking. Except of quality, time of changing a liner has a strong effect on udder health and preventing mastitis.

The best time of changing is calculated based on number of milking animals, times of milking per day and number of milking units in milking parlor.



- Milking duration optimized
- Less slip
- Udder & teat health
- Optimum milk extraction
- Higher production
- High elasticity
- Fit a variety of teat sizes
- Cow comfort
- Easily cleaned
- Food grade material
- Manufactured from best rubber compound
- Best resistance of stressed parts





Filter is installed between receiver jar in parlor and cooling system or storage tank. Although preparing of teat is done in most of farms, however, always manure, insects, etc. can be entered inside the milking system.

A high quality filters causes less TBC and clean milk storage through its role as an obstacle for foreign contamination parts in milk. A filter must be produced from a tissue which doesn't make any disorder in milk flow.

Filter must have:

- High wet strength
- Even pore size and distribution
- Strong seam
- Dimension stability
- Food compliance

Milking filter

Model

Size (mm)

Adjust with Westfalia milking machine	58 * 445
Adjust with Westfalia milking machine	75 * 800
Adjust with Balance tank	60 * 570
Adjust with Delaval milking machine	57 * 620
Adjust with Delaval & Boumatic milking machine	95 * 610
Adjust with Dairy Master milking machine	150 * 650
Adjust with SAC milking machine	70 * 460
Adjust with AFI & Boumatic milking machine	125 * 855



Tube

There are different types of tubes in a milking machine. Water and milk transfer tube, pulsation tube, air single tube, transfer milk from bottle to main line, spiral tubes and some other types. Based on usage, there are rubber, PVC, silicon and TPE types. Please pay attention that the tube must be food grade if it is using for milk transferring.

Milk & Water tube



PVC Tube

- For Milk & Water transfer
- Food grade
- Premium quality
- Smooth inner and outer surfaces
- Low milk fat adhesion and protein binding
- Perfect resistance to milk and cleaning chemicals

Rubber Tube

- For Milk & Water transfer
- Flexible in all weather
- Food grade
- High quality
- Fits all milking machines



TPE Tube

- For Milk & Water transfer
- Attractive level of flexibility
- Very smooth inner and outer surface
- Easy cleaning and low bacterial count
- Perfect resistance to milk and cleaning chemicals
- Operation temp. range from -44c to +70c
- Fits all milking machines



Short Milk Tube (SMT)

- Rubber Tube for short milking liner
- Food grade
- Very flexible
- Smooth inner surface
- Easy cleaning
- High resistance to milk and cleaning chemicals
- 16 cm length



Twin Pulsation Tube



PVC twin tube

- Permanent flexibility
- Good durability
- High performance
- Economic price
- Non toxic
- Fits all milking machines



Rubber twin tube

- Attractive level of flexibility
- Premium performance in all climate
- High durability
- High performance
- Fits all milking machines

Air Single Tube



PVC single tube

- Permanent flexibility
- Good durability
- High performance
- Economic price
- Fits all milking machines



Rubber single tube

- Attractive level of flexibility
- Premium performance in all climate
- High durability
- High performance
- Fits all milking machines

Portable Milking Machine

Portable milking machines are manufactured in electrical and petrol engine type with different technical specification.

As a machine will be used in farm for many years, for buying a new one, it's important to know that how many animals are supposed to be milked with this machine. Naturally a heavy duty high capacity machine must be used if it's supposed to work for many hours daily. In addition, for some animals a same model cannot be used. For example a sheep machine is not suitable for cow milking.



Unit	Type	Cluster	Pneumatic pulsator	Bucket Capacity
● One for cow	Coupled	300	One	35
	Coupled	150	One	35
	Belt	300	One	35
	Belt	150	One	35
● Two for cow	Coupled	300	One	50
	Coupled	150	One	50
	Belt	300	Two	50
	Belt	150	One	50
● One for Sheep & goat	Coupled	300	One	35
● Two for Sheep & goat	Coupled	300	One	35



Identification Tools

• • •

Tags are produced in blank, laser printed (digits and brands) and curved number for installing on neck or ear. Anyway they must be made from material which not hurt skin, not make allergic reaction, be flexible always, be stubble for color and written digits and be safe against removing from ear.

Identification Tools

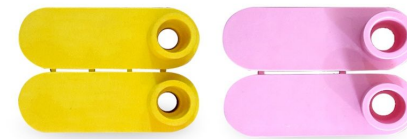


- Two pieces ear tag
- Blank & Laser printed



- Two pieces ear tag
- Curved
- Yellow, Orange & Green

Sheep and goat ear tag



- Two pieces ear tag
- Laser printed
- White, Yellow, Green and Pink



- Metal tip
- less pressure for installation
- Easier installation on shaggy, greasy and thick ears
- Non broken material to prevent ear tag replacement
- Faster application



- Two pieces ear tag
- Closed female part
- In yellow color
- Laser printed



- One piece ear tag
- Engraved digits
- Metal type



Cow & Buffalo & Camel ear tag

- One piece ear tag
- Designed for large animals
- In yellow and white
- Two sizes (Large , X -Large)
- Blank & laser printable



- Z-Flex One piece ear tag
- Designed for large animals
- In Yellow, white, Pink and green
- Two sizes (Large , X -Large)
- New design, faster application
- Blank & laser Printable



- Two pieces ear tag
- In yellow and white color
- Female part
- Blank & laser printable



- One piece ear tag
- Metal ear tag
- Engraved digits and brands

Neck tag

- Camel visual neck tag
- For use by belt on the neck
- Blank and laser printed



- Two pieces ear tag
- In yellow and white color
- Blank & laser printable



- Two pieces ear tag
- In yellow and white color
- Female part
- Blank & laser printable

Ostrich tag



- Belt type & mouse tail type
- In Yellow & White
- For neck and feet installation
- In 25, 35 and 45 cm length
- Laser printed
- Locked system, anti theft

RFID Ear Tag Laser Printed

- According to ISO 11784/ standards
- ICAR registered
- FDX-B
- Frequency 134.2 khz
- Operating temp. -30c to +85c
- For cattle, camel, sheep, goat & pets
- Supplied with male bottom
- High resistance to UV, bad weather and mechanical stress
- Made of TPU (Polyurethane), both male and female parts
- Visual type ear tag combined with RFID and Round type RFID
- Metal tip male part



Ear Tag Applicator

- Suitable for one piece & RFID tag
Zee tag and Z-FLEX- Metal type



- Suitable for one piece & RFID tag
Zee tag and Z-FLEX - Plastic type



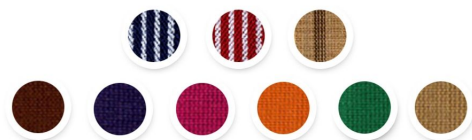
- Suitable for two pieces ear tag with plastic male part - Plastic type



- Suitable for two pieces tag with metal tip male part - Plastic type



- Spare needle



Neck band and Belt

- Easy installation with only one person
- Various colors
- Economic price
- A cheap solution for dividing animals in different stalls
- Easy detection animals from distance
- Distinguishing mastitis and sick animals in milking parlor
- Resistance to tearing
- No danger for animals and keep animal neck safe



WARNING

WHEN WORKING THE LEVER IS TO BE
RELEASED
LATCH IT ONLY DURING MOVEMENT

Machinery

Silage Scraper

Silo is one of the most important feed stuff in livestock feeding and dairy farmers must strive to deliver high quality forage in an economical manner to their animals.

Farmers store silo in concrete bunkers, drive-over piles and plastic bags. Silage management and unloading silo is very important to minimize silage exposure to oxygen and reducing spoilage and growth of undesirable fungi and bacteria. Expect of preparing silage, well-unloading and then loading cutted silo is a time taking procedure in TMR making , which an automatic electric silage scrapper does it in fastest time and lowest expenses through less requires labors and less waste of silage during unloading.

- Cutting width: 1.9 meter
- Cutting height : 5 ~ 6 meter
- Electricity required: 3 Phases
- Conveyor: Stainless steel
- Capacity: 300 - 1200 kg/h
- Tires: 4
- Net weight: 2350 kg

- Smooth silage face (with no crack)
- Less silage losses
- Minimizing TMR preparation time
- Less required labor
- Minimum silage exposure to oxygen
- less spoilage & undesirable fungi and bacteria growth
- Increasing TMR quality
- Less abortion and more milk production
- Less risk of avalanches
- Less water caught during rainy season



Feeder Knives

Today, management and methods of feeding is very important due to the high production animals in industry farms, and using mixing machine for preparing TMR looks very necessary. So, using sharp heavy duty knives guarantee the performance of those feed machines.



● Fits Seko feeders



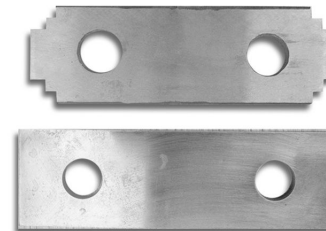
● Fits Tatoma feeders



● Fits Sgariboldi feeders



● Fits Delaval feeders



● Fits miller machines



● Fits Delaval silage scraper

● Fits Gonella silage scraper machines





We are honored to have business with you

● www.tirdaykala.com ●



Unit 406 , 4th FL., Afra
Building, Komail Bridge,
Navab Highway,
T e h r a n - I r a n
Postal Code: 13316-86441
Phone: +98 21 55436282
+98 21 55437559
Fax : +98 21 55436282
SMS: 5000570597
www.tirdaykala.com