



Sustainable Engineering & Farming Alliance Pvt. Ltd.



Sustainable Solutions for

Bucket Machines & Pipeline Systems

You are in safe hands with SEFA

ECO-LINE BUCKET MACHINE



- **VACUUM PUMP**
180LPM Monoblock Dry Pump, 0.75kw Single Phase Motor, Spring Regulator, Vacuum Gauge 63mm 0-760mm Hg
- **VACUUM TANK**
18 Litre, Heavy Duty
- **PULSATOR**
Well Proven, 60:40 with Two Outlets
- **CLUSTER**
250cc Plastic Milk Claw, Stainless Steel Shells with Monoblock Rubber Liners and Short Air Tubes

PRO-LINE BUCKET MACHINE



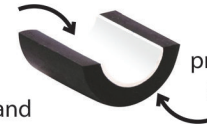
Triangular liner technology

Gentler milking, less teat end damage

- Faster milking • Improved grip on teat
- Improved teat health • Lighter weight cluster

ULTRA CLEAN TUBE -

Inner white layer is special thermoplastic elastomer which is resistant to butterfat and acids



Outer black rubber provides high durability & flexibility and resists ozone cracking

- **VACUUM PUMP**
180LPM Monoblock Dry Pump, 0.75kw Single Phase Motor, Spring Regulator, Vacuum Gauge 63mm 0-760mm Hg, 18 Litre Heavy Duty Vacuum Tank
- **PULSATOR**
Interpuls L80AIR, Top In Reliability & Performance, Least Possible Maintenance, 60:40 with two outlets
- **CLAW**
200CC Interpuls LUNIK200 with Thermo-Plastic Cover & Bowl
- **CLUSTER**
Special Plastic Shells with Stainless Steel Weight Designed for Triangular Liners, Impulse Triangular Liner – Rubber Monoblock.
- **ULTRACLEAN MILK TUBE**
Specially Designed Dual Layer Milk Tube for Long Life and Better Cleaning

ECO-LINE KEY COMPONENTS - PIPELINE SYSTEM FRAME NOT INCLUDED



■ VACUUM PUMP

IMPORTED. with Local Motor. 750 LPM FOR 6 Milking Unit with 2.2Kw Motor, 45 L Heavy Duty Vacuum Tank, Servo Regulator and Vacuum Gauge

■ MILK TRANSFER

IMPORTED. 60 L SS receiver, Milk Pump with control Probe, Milk Filter, 9 L Sanitary Trap, 51mm Milcline & 70mm Vacuum Connection

■ PULSATOR

Well Proven, 60:40 with Two Outlets

■ CLUSTER

250cc Plastic Milk Claw, Stainless Steel Shells with Monoblock Rubber Liners and Short Air Tubes

■ MILK METER

IMPORTED. 30Kg Flask, $\pm 3\%$ Accuracy, Easy Sampling

PRO-LINE KEY COMPONENTS - PIPELINE SYSTEM FRAME NOT INCLUDED



■ VACUUM PUMP

IMPORTED. with Local Motor. 750 LPM FOR 6 Milking Unit with 2.2Kw Motor, 45 L Heavy Duty Vacuum Tank, Servo Regulator and Vacuum Gauge

■ MILK TRANSFER

IMPORTED. 60 L SS receiver, Milk Pump with control Probe, Milk Filter, 9 L Sanitary Trap, 51mm Milcline & 70mm Vacuum Connection

■ PULSATOR & CLUSTER

IMPORTED. InterPuls L80AIR Pulsator & LUNIK200 Claw with Milkrite Impulse Triangular liners, Ultraclean Milk Tube

■ MILK METER

IMPORTED. 30Kg Flask, $\pm 3\%$ Accuracy, Easy Sampling

■ WASHING SYSTEM (OPTIONAL)

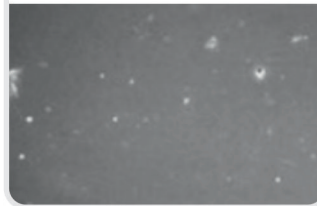
IMPORTED . InterPuls TW LITE 2 electronic washing programmer for cleaning and disinfection of milking machines. Electronic high-resistance plastic box IP65, Separate electronic and hydraulic box , Program can be paused during running, Easy to program

Why Change Liners after 2500 milkings?

- LINER will open and close about 25 Lakh times during its use
- Picture 2 – liner surface magnified 200 times. These are sites for bacterial growth also they harden liner surface making it abrasive for teat.
- Between 2000-3000 milking we can see increased levels of reddening and damage to the teat. The teat then loses its natural resistance to bacteria and pathogens, leading to higher somatic cell count and incidents of mastitis

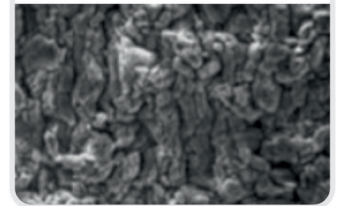
Picture 1

New liner surface (x200)



Picture 2

Liner Surface after 3000 milkings (x200)



A SIMPLE GUIDE to good practice when milking, to help keep good teat condition.

- **Only milk clean teats**
Ensure excellent cow comfort, bed well, clip excessive udder hair, use water sparingly and clean teats thoroughly with individual medicated towels.
- **Fore strip every teat**
Check carefully for mastitis while massaging each teat for optimum oxytocin release
- **Pre-dip if required**
Reduce number of environmental bacteria with a fast acting pre-milk dip.
- **Dry teats thoroughly**
Use a disposable paper towel for each cow for thorough and efficient drying.
- **Position clusters carefully**
Avoid twists and uneven milk out and work such that clusters go on 90 seconds after start of fore milking. Avoid attaching clusters sooner than 90 seconds.
- **Remove clusters carefully soon after the milk stops flowing**
Avoid liner slip as milking slows down & remove teat cups after shutting off vacuum.
- **Dip teats immediately after cluster removal**
After cluster removal, promptly apply a good quality dip over the lower third of each teat.
- **Use a loafing area after milking**
Ensure cows remain standing for 20 minutes after milking by providing fresh feed after they leave.

EXCLUSIVELY MARKETED BY:



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