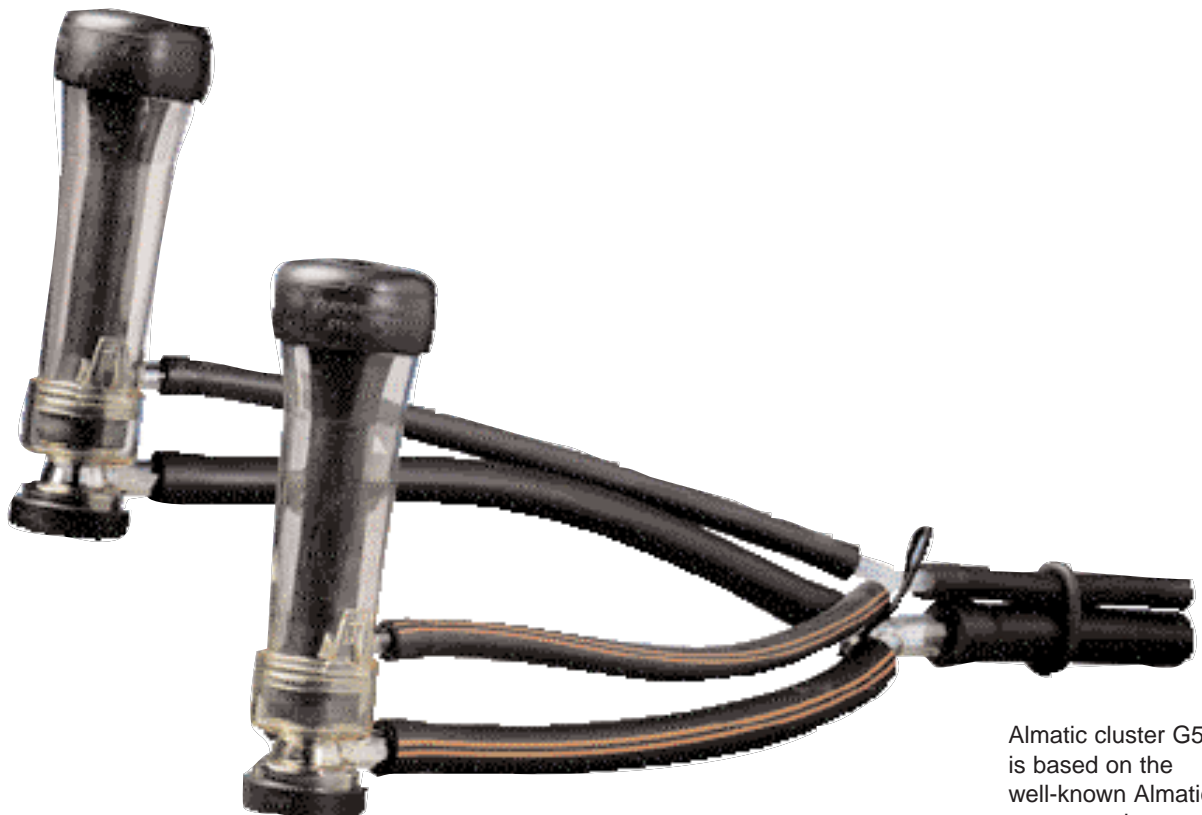


Almatic™ cluster G50

Makes milking easier



Lightweight cluster with high flow capacity

Almatic cluster G50 has been specially designed for flocks of high-yielding goats.

The special membrane/valve system balances out vacuum and flow variations, permitting a rapid milk flow of up to 8 litres per minute.

Fully automatic

Simply attach and detach as you wish. There are no manual opening or closing valves, clips or other devices. And you don't have to hold your thumb over the liner mouth – it keeps closed until the teat is inside the liner, eliminating vacuum fluctuations.

Rapid, superior quality milking

The special Almatic cluster G50 calibrated air bleed and shut-off valve enables rapid milking, even at high flow rates. Due to the reduction in vacuum fluctuations and the teat wash, the risks of fall-off or cross infection are avoided. And as a result of this, the risk of mastitis is dramatically reduced.

User-friendly cleaning

To clean the Almatic cluster G50, there's nothing to turn and nothing to twist. Just place the teatcups inside the jetter cups and leave the parlour.

Almatic cluster G50 is based on the well-known Almatic concept, where automatic shut-off is integrated in the teatcup.

This concept has been successfully tried and tested by DeLaval the world over.

Reduce lipolysis

Destruction of fat globules is called lipolysis. A high grade of lipolysis in the milk gives the cheese a poor flavour and generally reduces the product's quality. High capacity flow reduces vacuum fluctuations, while the calibrated air bleed introduces the right amount of air in the direction the milk flows, reducing milk turbulence and preserving fat globules.

Measuring lipolysis is done by evaluating the amount of FFAs (Free Fatty Acids). Our trials show that the Almatic cluster G50 reduces the amount of FFAs compared to other clusters by up to 4 times.

Long lasting parts

Almatic cluster G50 teatcups are made of strong polysulphone plastic to minimise the risk of breakage.

The liners' patented microtextured barrel maintains perfect conditions during the recommended period of use, ensuring consistent quality milking.

Data

Teatcup

Material: Polysulphone plastic
 Weight: 150 g
 Height: 200 mm
 Pulse inlet (D/d): 10/7 mm
 Milk outlet (D/d): 13/10 mm

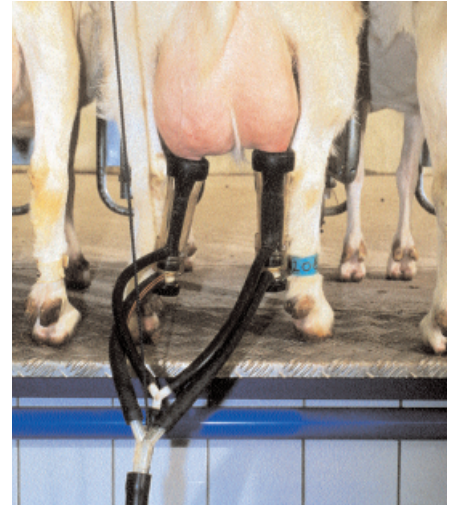
Liner

Material: Chloroprene rubber
 Mouth diameter: 21 mm
 Barrel bore: 21 mm
 Length: 153 mm

For all types of set-up

For perfect cluster positioning and excellent milk extraction, Almatic cluster G50 should be installed in low line plants.

For high-line plants, we recommend clusters with claw, for example DeLaval cluster SG-TF80.



Almatic cluster G50 for high-yielding goats in low-line parlours.



Calibrated air bleed

How it works

The valve attached to the rubber membrane opens as soon as the teat is placed inside the liner and the vacuum increases in the liner chamber. At take-off, or if the teatcup is accidentally removed, the valve moves down and shuts off the vacuum. During cleaning, the jetter fulfils the same function as the teat, keeping the cluster open.

