

SILENT VACUUM UNITS

INCREDIBLY EFFICIENT
ABSOLUTELY SILENT



MILKLINE®

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THE SILENT VACUUM UNITS ARE DESIGNED AND MANUFACTURED TO ENSURE EFFICIENT, SILENT AND RELIABLE OPERATION

The **technology with direct drive**, without belts and pulleys, ensures **low noise** and **increases the efficiency** of our pumps: greater capacity given the same power consumption.

FEATURES

- ❖ **Motor-pump coupling via elastic coupling**
- ❖ **New horizontal drain** with integrated **oil recovery system**
- ❖ **Convenient and compact design** for easy installation and simple maintenance
- ❖ Low maintenance due to the **absence of drive belts**
- ❖ Option of **installing** the unit "on the wall"
- ❖ **5 different models** with a nominal capacity between 430 and 2100 l/min at 50 kPa
- ❖ Optionals: **separate vacuum tank** in PVC or hot-galvanised steel from 33 to 100 litres

ADVANTAGES

- ❖ SILENT OPERATION
- ❖ MAXIMUM EFFICIENCY
- ❖ COMPACTNESS
- ❖ EASE OF MAINTENANCE
- ❖ LOWER OPERATING COSTS



SILENT MODELS

SILENT 45PL - Code 90566046

Vacuum pump	HP9L
Capacity [lt/min at 50 kPa]	430
Rpm	1370
Motor power [kW]	1.1
Connection diameter	1"



SILENT 75PL - Code 90566076

Vacuum pump	HP10L
Capacity [lt/min at 50 kPa]	700
Rpm	1400
Motor power [kW]	1.84
Connection diameter	1½"



SILENT 110PL - Code 90566116

Vacuum pump	HP12L
Capacity [lt/min at 50 kPa]	950
Rpm	1370
Motor power [kW]	2.2
Connection diameter	1½"





SILENT 150PL - Code 90566156

Vacuum pump	HP16L
Capacity [lt/min at 50 kPa]	1500
Rpm	1400
Motor power [kW]	4
Connection diameter	2"

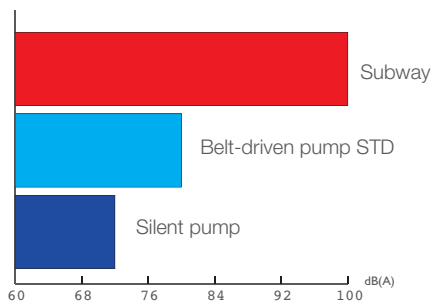


SILENT 210PL - Code 90566216

Vacuum pump	HP21L
Capacity [lt/min at 50 kPa]	2100
Rpm	1400
Motor power [kW]	5.5
Connection diameter	2"



Comparison with known noise levels



Thanks to the **flexible coupling transmission** and accurate machining of the **SILENT** vacuum units, the noise levels drop **below 72 dB (A)** compared to the 80 dB (A) of traditional belt-driven pumps.



THE **SILENT** VACUUM UNITS ARE ESPECIALLY **SUITABLE FOR USE WITH THE INVERTER VARIOSPEED VCU EASY**.

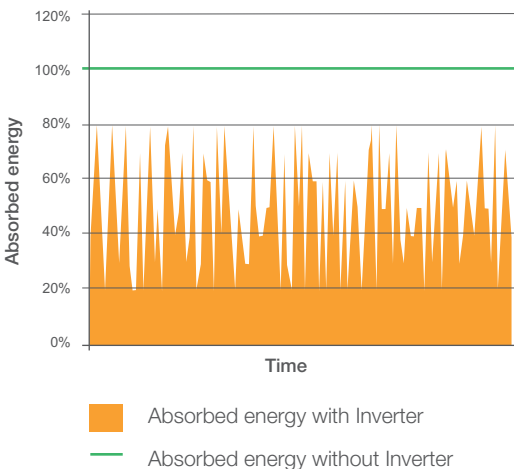
The vacuum control system **Variospeed VCU EASY** adjusts the rotation speed of the vacuum pump according to the **actual needs of the** milking system.

ADVANCED TECHNOLOGY:

Variospeed VCU EASY is available to operate with different power supplies and in several configurations, capable of managing one or more vacuum units simultaneously.


ADVANTAGES

- ❖ **DRASTICALLY REDUCES ENERGY CONSUMPTION**
- ❖ **QUIETER OPERATION**
- ❖ **SIMPLE INSTALLATION**
- ❖ **EASY TO PROGRAM**



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