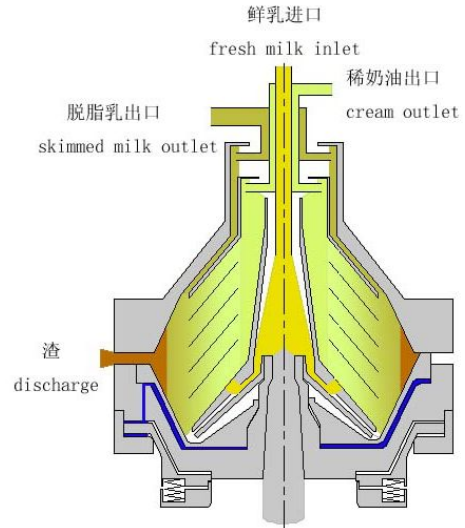


## SPECIFICATION OF PDSM5000-DN SEPARATOR



### Brief introduction

Model PDSM5000-DN separator is mainly used for clarifying and defatting of milk. It is also used for the similar material for the Liquid-Liquid-Solid three-phase separation, for instance: Coconut water.

The machine adopts automatic control, it has the advantages of high efficiency, low oil consumption, convenient operation and economic maintenance cost.

The skimmed milk and cream are pumped out by centripetal pump, the sludge is discharged automatically and partly.

The machine is one kind of rotary machine with high speed, After accurate dynamic balancing, it can run for long time with low vibration, safety and security.

The design, product and acceptance are conformed to the standard of JB/T8103.3 *Disc Separator-Part 3: Milk disc separator*.

### More pictures

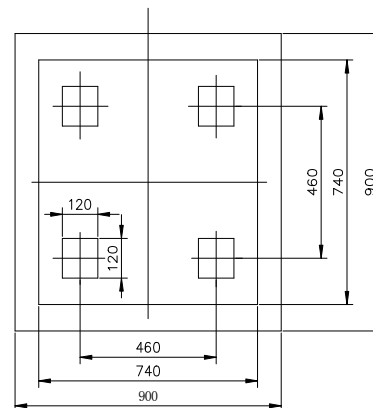
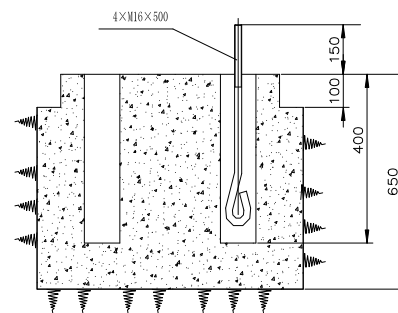


## Main technical parameters

Discharging type	Small valve discharge	
Rotating speed	rpm	6910
Rated capacity	L/h	5000 (defatting of milk)
Motor power	Kw	15
Net weight	kg	970
Overall dimension (L × W × H)	mm	1264 × 1033 × 1471

## Installation notice

1. For maintenance and repair, please leave enough space around the separator when install it.
2. The installation base should be firm and level.
3. All the pipes connecting with the separator should be flexible pipe.
4. The operation water of the separator must be soft water, the pressure of which is between 0.025 and 0.03Mpa.



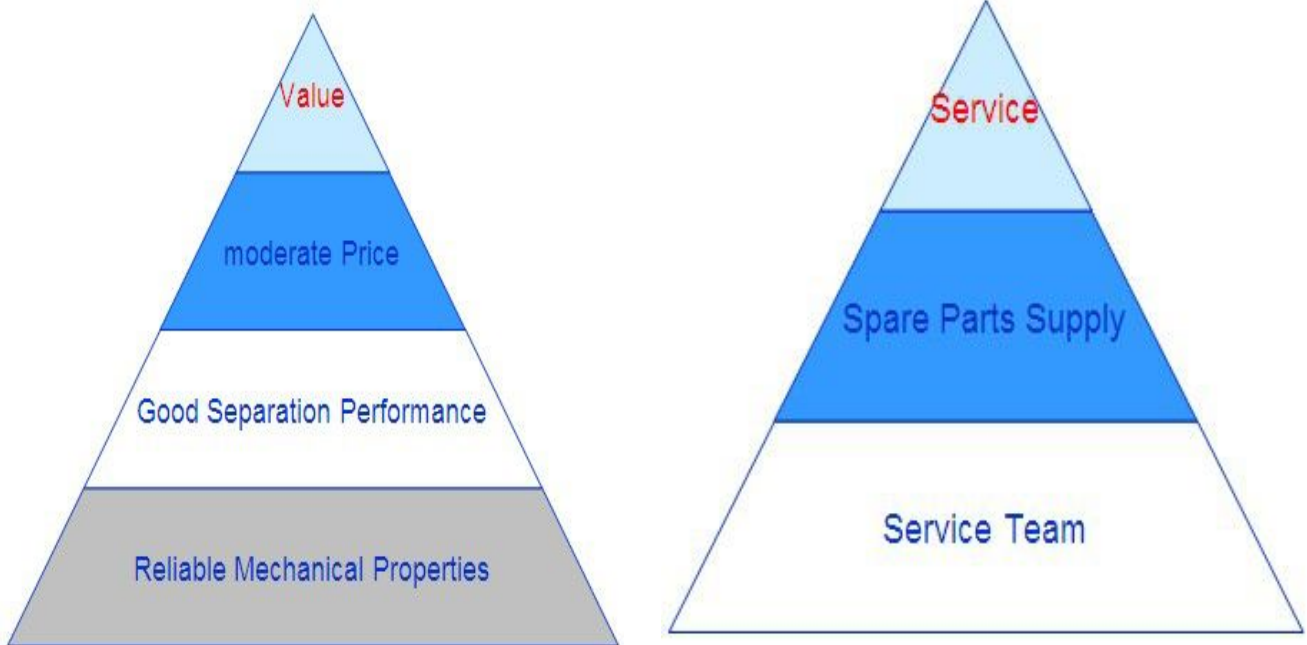
Foundation drawing

## Single Value Analysis

1. Peony adopts SKF bearing , which is consistent with Alfa, Westfalia.
2. Alfa and Westfalia only provide clients with the bearing and the gear in the overhaul package (need to buy separately) while Peony has more sufficient attachment supply.
3. Peony never reduce the amount of spare parts and tools for users buying many sets of the same model machine. (unless the customer put forward in specially).
4. Regular spare parts are all in stock in Peony's company.

## Guarantee:

Peony has advantages in price, service and quality. We have Military Product Quality System Certification, Quality System Certification, many professional equipments and advanced designs.





## Overview Equipments:

Peony has a full range of professional production equipments. The pictures below show some equipments.

