



# PRODUCTS N°9

## Distilling pan/cooling Tank

### Purpose:

1. It is applicable to medicine, food, fruit juice beverage, dairy products, bioengineering, daily chemicals, fine chemicals, and other fields.
2. Heating, boiling, mixing, reaction, cooling and other functions can be realized for media with relatively good mobility (liquid state or paste state).
3. The distilling pan shall be used together with cooling tank

### Structural features of distilling pan:

1. The system can realize automatic control; the equipment is composed of control cabinet, pan, motor reducing gear, gearbox and mixing tank, and pan is composed of thermal insulation, heating middle sleeve and internal barrel.
2. The internal and external paddle for the distilling pan rotates with non- uniform speed in reverse direction, the material mixing is uniform, and the heat transfer efficiency is high.
3. Food grade lubricating grease is adopted, and the transmission and sealing are reliable.
4. Food grade Teflon scrapper blade is adopted, the scrapping and baiting are clean, the structure of scrapper blade is simple, and replacement is convenient, which is the patented product of our company.
5. Middle sleeve (guide plate is set internally) is adopted for heating /cooling, the heating / cooling speed is fast and the efficiency is high.
6. Hygiene level stainless steel is adopted as the material, and 304 (S30408), 304L (S30403), 316 (S31608), 316L (S31603) can be selected according to media or customer's requirement.
7. It conforms to GMP requirement; the internal wall of barrel has circular arc transition with end enclosure and connecting pipe, ensuring hygiene and no dead angle. The surface roughness of product is usually at Ra 0.8~0.2 $\mu$ m.
8. The distilling pan adopts steam heating, which belongs to pressure vessel.

### Structural features of cooling tank:

- 1 The system can realize automatic control; the equipment is composed of control cabinet, tank, motor reducing gear, and mixing tank, and tank is composed of thermal insulation, cooling middle sleeve and internal barrel.
- 2 Food grade lubricating grease is adopted, and the transmission and sealing are reliable.
- 3 Middle sleeve (guide plate is set internally) is adopted for cooling, ensuring fast cooling speed and high efficiency.

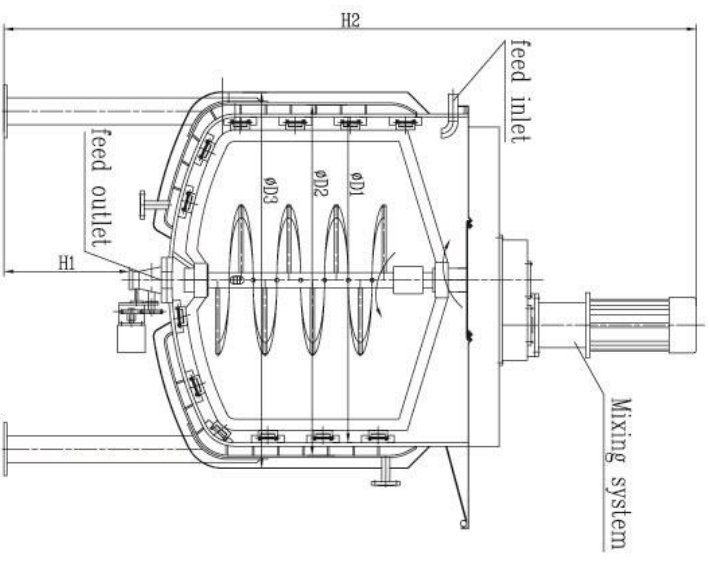
### Technical data sheet for distilling pan

Effective	Size (mm)				
volume (L)	$\phi$ D1	$\phi$ D2	$\phi$ D3	H1	H2
500	1000	1100	1200	450	1926
800	1100	1200	1300	450	2230
1200	1200	1300	1400	450	2700

### Technical data sheet for cooling tank

Effective volume (L)	Size (mm)						
	$\phi$ D1	$\phi$ D2	$\phi$ D3	H1	H2	L1	L2
500	700	800	900	550	1550	1400	1800
800	800	900	1000	550	1650	1700	2150
1200	900	1000	1100	550	1750	2020	2500

Distilling Pan



Cooling Tank

