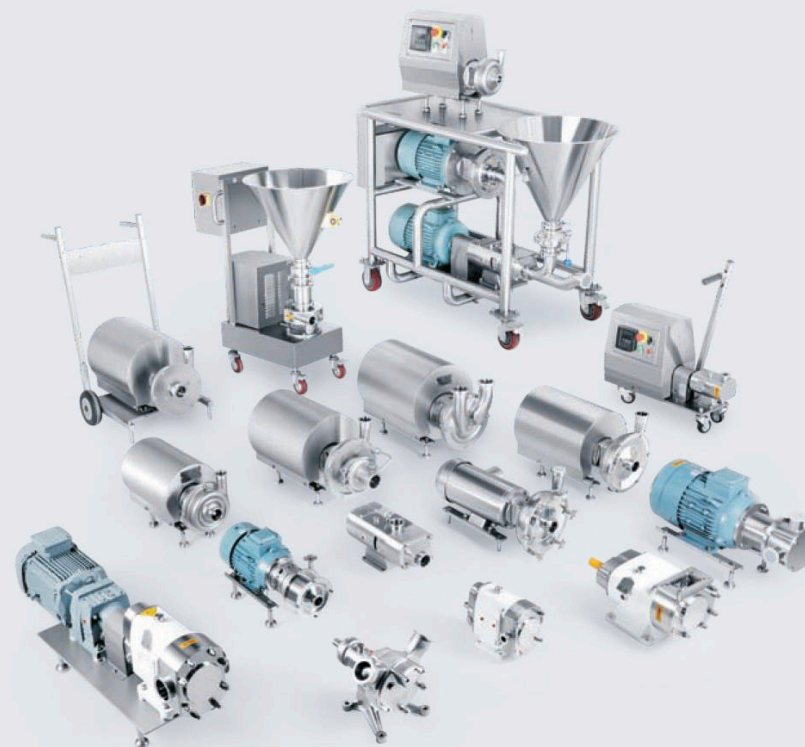




# Beluno pumps



**BELUNO**



JZLX series emulsifying homogenizing pump



Centrifugal JZLX Homogenizing Pump-2025 Model Selection Table

| Model        | Power  | Flow(m³/h) | Head(M) | Inlet/Outlet |
|--------------|--------|------------|---------|--------------|
| DJ-JZLX-15   | 1.5KW  | 5          | 18      | 2"/1.5"      |
|              | 2.2KW  | 10         | 15      |              |
|              | 3.0KW  | 15         | 12      |              |
| DJ-JZLX-20-1 | 2.2KW  | 5          | 25      | 2"/12"       |
|              | 3.0KW  | 5          | 25      |              |
|              | 4.0KW  | 10         | 24      |              |
|              | 4.0KW  | 15         | 22      | 2.5"/12"     |
|              | 4.0KW  | 20         | 20      |              |
|              | 5.5KW  | 25         | 19      |              |
| DJ-JZLX-20-2 | 5.5KW  | 30         | 15      | 2"/12"       |
|              | 5.5KW  | 15         | 26      |              |
|              | 5.5KW  | 20         | 25      |              |
|              | 5.5KW  | 25         | 24      | 2.5"/12"     |
|              | 5.5KW  | 30         | 22      |              |
| DJ-JZLX-25   | 7.5KW  | 35         | 20      | 2.5"/1.5"    |
|              | 4.5KW  | 5          | 35      |              |
|              | 5.5KW  | 10         | 33      |              |
| DJ-JZLX-30   | 5.5KW  | 15         | 30      | 2.5"/1.5"    |
|              | 5.5KW  | 10         | 38      |              |
|              | 7.5KW  | 15         | 35      |              |
|              | 7.5KW  | 20         | 30      | 3"/12"       |
|              | 7.5KW  | 25         | 28      |              |
| DJ-JZLX-35-1 | 11KW   | 10         | 45      | 3"/1.5"      |
|              | 11KW   | 15         | 45      |              |
|              | 11KW   | 20         | 40      |              |
|              | 11KW   | 25         | 40      | 3"/12"       |
|              | 11KW   | 30         | 37      |              |
|              | 15KW   | 35         | 34      |              |
|              | 15KW   | 40         | 30      |              |
| DJ-JZLX-30   | 15KW   | 15         | 48      | 3"/1.5"      |
|              | 15KW   | 20         | 46      |              |
|              | 15KW   | 25         | 46      |              |
|              | 15KW   | 30         | 45      | 3"/12"       |
|              | 18.5KW | 40         | 38      |              |
|              | 11KW   | 50         | 27      |              |
| DJ-JZLX-35-1 | 15KW   | 60         | 25      | 3"/2.5"      |
|              | 15KW   | 70         | 23      |              |
|              | 18.5KW | 70         | 23      |              |
|              | 15KW   | 50         | 32      | 3"/12.5"     |
|              | 18.5KW | 60         | 30      |              |
|              | 22KW   | 70         | 28      | 4"/13"       |
|              |        |            |         |              |

PMZX series mixing pump

Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



The PM series mixing pump is for mixing material and liquid with multi-functions, such as mixing, shearing, emulsifying, homogenizing, dispersing, refining, crushing and material improvement. Compared with the traditional production process, the pump is more simple, convenient and economical, which improves the production efficiency and the quality of treated materials.

Typical application: food, beverage, dairy products, additives, personal care, biopharma, thickeners, industrial applications, etc.

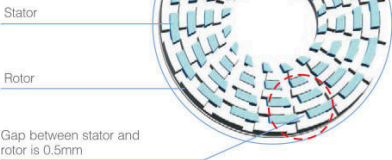


# PMZX series mixing pump



## DJ-JZ1 Emulsification homogenization pump

JZ1 Series pumps can be used for emulsifying, homogenizing, refining, dispersing, crushing and mixing of various complex components such as stabilizers, thickeners, gels, flavors, sugars and other additives. And the strong mixing ability makes the materials reach high consistency and improves the quality of materials.



### Technical Specifications

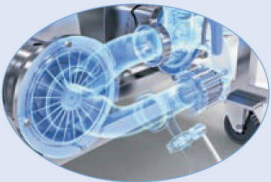
|                                |                                                                                                   |                        |                      |
|--------------------------------|---------------------------------------------------------------------------------------------------|------------------------|----------------------|
| Maximum capacity of powder     | 9000kg/h                                                                                          |                        |                      |
| Maximum capacity of thickeners | 3000kg/h (Depends on the viscosity and concentration of material)                                 |                        |                      |
| Maximum temperature            | -10℃~150℃                                                                                         |                        |                      |
| Material                       | 304 /316L, 1.4301/1.4404, ASME BPE 316L, 1.4435 BN2 Fe≤0.5%                                       | Dual-phase steel 2205, | Hastelloy alloy C276 |
| Surface treatment              | ≤ Ra0.8 μ m, ≤ Ra0.6 μ m, ≤ Ra0.4 μ m                                                             |                        |                      |
| Mechanical seal                | Single and double mechanical seal                                                                 |                        |                      |
| Mechanical seal combination    | See configuration table                                                                           |                        |                      |
| Inlet/Outlet connection        | Thread, Clamp, Flange, Aseptic flange                                                             |                        |                      |
| Certification                  | 3-A-02-12(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004 |                        |                      |



Cleaning liquid is poured into the hopper



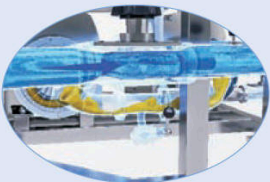
Clean the pipes and hopper



Open bottom discharge valve to drain the cleaning solution



Powder and liquid are strongly sucked into the pump chamber



The material is being homogeneously mixed



The homogeneous mixture is transported to the tank equipment

### Very Simple And Clear Piping Layout

- Multiple tasks can be handled simultaneously.
- Ratio between liquid and powder is adjustable.
- The powder inlet is designed with a valve that controls the amount of powder inhaled. The valve can be manual and pneumatic.
- The liquid inlet is designed with a valve that controls the flow of liquid inhaled.
- The side of the hopper is designed with a vibrator to prevent the powder from accumulating and agglomerating.
- The hopper can be configured with tuning fork sensor, when work automatically, the sensor can prevent mixture ratio from inconsistent caused by low amounts of powder, and also can prevent the powder from overflowing.

## PMZX series mixing pump



Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



**PMZX21 Mixing pump selection table**

| Homogeneous mixing pump | Mixed material flow (m³/h) | Lobe pump |            | Emulsifying homogenizing pump |            | Powder capacity-kg/h |                          |                                            | Inlet | Outlet          | Hopper capacity (L) | Power (KW) | (CP.S) |
|-------------------------|----------------------------|-----------|------------|-------------------------------|------------|----------------------|--------------------------|--------------------------------------------|-------|-----------------|---------------------|------------|--------|
|                         |                            |           |            | Speed (2950-MIN)              |            | Granulated sugar     | Skim milk protein powder | Thickener powder (base on grade & density) |       |                 |                     |            |        |
|                         |                            | Model     | Power (KW) | Model                         | Power (KW) |                      |                          |                                            |       |                 |                     |            |        |
| DJ-PMZX21-13            | 8                          | CIP-10    | 5.5        | JZ1-130                       | 5.5        | 500                  | 450                      | 100-300                                    | 2.5"  | 1.5"-DN40       | 50 L                | 11         | ≤500   |
| DJ-PMZX21-15            | 12                         | CIP-10    | 5.5        | JZ1-150                       | 11         | 1000                 | 900                      | 300-500                                    | 2.5"  | 2"-DN50         | 50 L                | 16.5       | ≤500   |
| DJ-PMZX21-17            | 15                         | CIP-20    | 7.5        | JZ1-170                       | 18.5       | 1800                 | 1600                     | 500-800                                    | 2.5"  | 2"-DN50         | 50 L                | 26         | ≤500   |
| DJ-PMZX21-19            | 25                         | CIP-20    | 7.5        | JZ1-190                       | 30         | 3500                 | 3200                     | 800-1500                                   | 3"    | 2"-2.5" DN50-65 | 50 L                | 37.5       | ≤500   |

## PMTU series mixing pump



Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



**PMTU21 Mixing pump selection table**

| Homogeneous<br>mixing pump | Mixed<br>material flow<br>(m³/h) | Lobe pump |               | Emulsifying<br>homogenizing pump |               | Powder capacity-kg/h |                                |                                                        | Inlet | Outlet             | Hopper<br>capacity<br>(L) | Power<br>(KW) | (CP.S) |
|----------------------------|----------------------------------|-----------|---------------|----------------------------------|---------------|----------------------|--------------------------------|--------------------------------------------------------|-------|--------------------|---------------------------|---------------|--------|
|                            |                                  |           |               | Speed<br>(2950-MIN)              |               | Granulated<br>sugar  | Skim milk<br>protein<br>powder | Thickener<br>powder<br>(base on<br>grade &<br>density) |       |                    |                           |               |        |
|                            |                                  | Model     | Power<br>(KW) | Model                            | Power<br>(KW) |                      |                                |                                                        |       |                    |                           |               |        |
| DJ-PMTU21-13               | 4                                | TUL-30    | 3.0           | JZ1-130                          | 5.5           | 500                  | 450                            | 100-200                                                | 2"    | 1.5"-DN40          | 50 L                      | 8.5           | ≤2000  |
| DJ-PMTU21-15               | 6                                | TUL-35    | 3.0           | JZ1-150                          | 11            | 1000                 | 900                            | 200-400                                                | 2"    | 2"-DN50            | 50 L                      | 14            | ≤2000  |
| DJ-PMTU21-17               | 7.5                              | TUL-60    | 3.0           | JZ1-170                          | 18.5          | 1800                 | 1600                           | 300-500                                                | 2.5"  | 2"-DN50            | 50 L                      | 21.5          | ≤2000  |
| DJ-PMTU21-19               | 12.5                             | TUL-70    | 5.5           | JZ1-190                          | 30            | 3500                 | 3200                           | 600-1200                                               | 3"    | 2"-2.5"<br>DN50-65 | 50 L                      | 35.5          | ≤2000  |

## PMLG series mixing pump



Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



**PMLG21 Mixing pump selection table**

| Homogeneous mixing pump | Mixed material flow (m³/h) | Lobe pump |            | Emulsifying homogenizing pump |            | Powder capacity-kg/h |                          |                                            | Inlet | Outlet          | Hopper capacity (L) | Power (KW) | (CP.S) |
|-------------------------|----------------------------|-----------|------------|-------------------------------|------------|----------------------|--------------------------|--------------------------------------------|-------|-----------------|---------------------|------------|--------|
|                         |                            |           |            | Speed (2950-MIN)              |            | Granulated sugar     | Skim milk protein powder | Thickener powder (base on grade & density) |       |                 |                     |            |        |
|                         |                            | Model     | Power (KW) | Model                         | Power (KW) |                      |                          |                                            |       |                 |                     |            |        |
| DJ-PMLG21-13            | 4                          | LGR-20-18 | 1.5        | JZ1-130                       | 5.5        | 0-500                | 0-450                    | 100-200                                    | 2"    | 1.5"-DN40       | 50 L                | 7          | ≤2000  |
| DJ-PMLG21-15            | 6                          | LGR-20-39 | 1.5        | JZ1-150                       | 11         | 0-1000               | 0-900                    | 200-400                                    | 3"    | 2"-DN50         | 50 L                | 12.5       | ≤2000  |
| DJ-PMLG21-17            | 7.5                        | LGR-30-40 | 3.0        | JZ1-170                       | 18.5       | 0-1800               | 0-1600                   | 300-500                                    | 3"    | 2"-DN50         | 50 L                | 21.5       | ≤2000  |
| DJ-PMLG21-19            | 12.5                       | LGR-30-60 | 4.0        | JZ1-190                       | 30         | 0-3500               | 0-3200                   | 600-1200                                   | 4"    | 2"-2.5" DN50-65 | 85 L                | 34         | ≤2000  |

## PMZX series mixing pump



Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



**PMZX Mixing pump selection table**

| Homogeneous<br>mixing pump | Mixed<br>material flow<br>(m³/h) | Self-priming pump<br>/motor |               | Emulsifying<br>homogenizing pump |               | Powder capacity-kg/h |                                |                                                        | Inlet | Outlet             | Hopper<br>capacity<br>(L) | Power<br>(KW) | (CP.S) |
|----------------------------|----------------------------------|-----------------------------|---------------|----------------------------------|---------------|----------------------|--------------------------------|--------------------------------------------------------|-------|--------------------|---------------------------|---------------|--------|
|                            |                                  |                             |               | Speed<br>(2950-MIN)              |               | Granulated<br>sugar  | Skim milk<br>protein<br>powder | Thickener<br>powder<br>(base on<br>grade &<br>density) |       |                    |                           |               |        |
|                            |                                  | Model                       | Power<br>(KW) | Model                            | Power<br>(KW) |                      |                                |                                                        |       |                    |                           |               |        |
| DJ-PMZX-13                 | 8                                | CiPU-10                     | 5.5           | JZ1-130                          | 5.5           | 500                  | 450                            | 100-300                                                | 2.5"  | 1.5"-DN40          | 45 L                      | 11            | ≤50    |
| DJ-PMZX-15                 | 12                               | CiPU-10                     | 5.5           | JZ1-150                          | 11            | 1000                 | 900                            | 300-500                                                | 2.5"  | 2"-DN50            | 45 L                      | 16.5          | ≤50    |
| DJ-PMZX-17                 | 15                               | CiPU-20                     | 7.5           | JZ1-170                          | 18.5          | 1800                 | 1600                           | 500-800                                                | 2.5"  | 2"-DN50            | 45 L                      | 26            | ≤50    |
| DJ-PMZX-19                 | 25                               | CiPU-20                     | 7.5           | JZ1-190                          | 30            | 3500                 | 3200                           | 800-1500                                               | 3"    | 2"-2.5"<br>DN50-65 | 65 L                      | 37.5          | ≤50    |
| DJ-PMZX-21                 | 35                               | CiPU-30                     | 11            | JZ1-210                          | 37            | 6000                 | 4500                           | 1500-3000                                              | 3"    | 3"<br>DN65-DN80    | 65 L                      | 48            | ≤50    |

## PMTU Series mixing pump



Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



PMTU Mixing pump selection table

| Homogeneous<br>mixing pump | Mixed<br>material flow<br>(m³/h) | Lobe pump |               | Emulsifying<br>homogenizing pump |               | Powder capacity-kg/h |                                |                                                     | Inlet | Outlet             | Hopper<br>capacity<br>(L) | Power<br>(KW) | (CP.S) |
|----------------------------|----------------------------------|-----------|---------------|----------------------------------|---------------|----------------------|--------------------------------|-----------------------------------------------------|-------|--------------------|---------------------------|---------------|--------|
|                            |                                  |           |               | Speed<br>(1450-MIN)              |               | Granulated<br>sugar  | Skim milk<br>protein<br>powder | Thickener<br>powder<br>(base on<br>grade & density) |       |                    |                           |               |        |
|                            |                                  | Model     | Power<br>(KW) | Model                            | Power<br>(KW) |                      |                                |                                                     |       |                    |                           |               |        |
| DJ-PMTU-13                 | 4                                | TUR-30    | 3.0           | JZ1-130                          | 5.5           | 500                  | 450                            | 100-200                                             | 2"    | 1.5"-DN40          | 45L                       | 8.5           | ≤2000  |
| DJ-PMTU-15                 | 6                                | TUR-35    | 3.0           | JZ1-150                          | 11            | 1000                 | 900                            | 200-400                                             | 2"    | 2"-DN40            | 45L                       | 14            | ≤2000  |
| DJ-PMTU-17                 | 7.5                              | TUR-60    | 3.0           | JZ1-170                          | 18.5          | 1800                 | 1600                           | 300-500                                             | 2.5"  | 2"-DN50            | 45L                       | 21.5          | ≤2000  |
| DJ-PMTU-19                 | 12.5                             | TUR-70    | 5.5           | JZ1-190                          | 30            | 3500                 | 3200                           | 600-1200                                            | 3"    | 2"-2.5"<br>DN50-65 | 65L                       | 35.5          | ≤2000  |
| DJ-PMTU-21                 | 20                               | TUR-70    | 5.5           | JZ1-210                          | 45            | 5000                 | 4500                           | 1200-2000                                           | 3"    | 3"<br>DN65-DN80    | 65L                       | 50.5          | ≤2000  |
| DJ-PMTU-24                 | 30                               | TUR-100   | 7.5           | JZ1-240                          | 55            | 10000                | 9000                           | 1500-3000                                           | 4"    | 4"-DN100           | 65L                       | 62.5          | ≤2000  |

## HHQ/HHZ series mixing pump



Solution for emulsifying, mixing, adjustable, multi-tasking powder and liquid mixing

The HHQ series mixing pump is for mixing solid or powder into the liquid. It provides on-line perfect processing solutions for milk powder compounding, syrup making and brine making, etc. It also can be used for preparing solid and powder mixing, in the food and beverage, biopharmacy, traditional chinese medicine making, cosmetics and chemicals.

### Technical Specifications

|                             |                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------|
| Max capacity of powder      | 9000kg/h                                                                                                |
| Max capacity of thickeners  | 3000kg/h (Depends on the viscosity and concentration of the material)                                   |
| Max temperature             | 130°C                                                                                                   |
| Material                    | 304 /316L, 1.4301/1.4404, ASME BPE 316L, 1.4435 BN2 Fe<0.5% Dual-phase steel 2205, Hastelloy alloy C276 |
| Surface treatment           | ≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm                                                                      |
| Mechanical seal             | Single mechanical seal and double mechanical seal                                                       |
| Mechanical seal combination | See configuration table                                                                                 |
| Inlet/Outlet Connection     | Thread, Clamp, Flange, Aseptic flange                                                                   |
| Certification               | 3-A-02-12(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004       |

## HHQ/HHZ series mixing pump



Simple, flexible, economical, and efficient



Mixing pump with working platform

There are two series of mixing pumps:  
HHQ series is typically used for mixing, emulsification, homogenization and other functions of powder, solid, liquid and other materials and liquids.

HHZ series is typically used for mixing, homogenizing, emulsification, refinement, dispersion, depolymerization and other functions of powder, solid, liquid and other materials with liquid.



Powder and liquid are strongly sucked into the pump chamber



The material is being mixed



The mixture is transported to the tank equipment

### Very Simple And Clear Piping Layout

- Multiple tasks can be handled simultaneously.
- Ratio between liquid and powder is adjustable.
- The powder inlet is designed with a valve that controls the amount of powder inhaled. The valve can be manual and pneumatic.
- The liquid inlet is designed with a valve that controls the flow of liquid inhaled.
- The side of the hopper is designed with a vibrator to prevent the powder from accumulating and agglomerating.
- The hopper can be configured with tuning fork sensor, when work automatically, the sensor can prevent mixture ratio from inconsistent caused by low amounts of powder, and also can prevent the powder from overflowing.



Mobile+Multifunctional Hopper+Control Box-Mixing Pump



Mobile Mixing+Control Box

\_\_\_\_\_



### HHZ homogenizer selection table

| Model      | Viscosity<br>(CPS) | Power<br>(kw) | Flow<br>(m³/h) | Outlet pressure<br>(bar) | Rotate speed<br>(r/min) | Solid Inlet | Liquid Inlet | Outlet    |           |      |           |           |           |           |
|------------|--------------------|---------------|----------------|--------------------------|-------------------------|-------------|--------------|-----------|-----------|------|-----------|-----------|-----------|-----------|
| DJ-HHZ-170 | ≤100               | 4.0           | 15.0           | 1.5                      | 2950                    | 3"          | DN40-1.5"    | DN50-2"   |           |      |           |           |           |           |
|            | ≤200               | 7.5           |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤300               | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤500               | 18.5          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤300               | 3.0           |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤600               | 5.5           | 7.5            | 1.5                      | 1450                    | 3"          | DN40-1.5"    | DN50-2"   |           |      |           |           |           |           |
|            | ≤800               | 7.5           |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1000              | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1500              | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤2000              | 18.5          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1000              | 4.0           | 5.5            | 1.5                      | 950                     | 3"          | DN40-1.5"    | DN50-2"   |           |      |           |           |           |           |
|            | ≤2000              | 7.5           |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤3000              | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤4000              | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤5000              | 22.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| DJ-HHZ-190 | ≤120               | 7.5           | 25.0           | 1.5                      | 2950                    | DN80        | DN50-2"      | DN65-2.5" |           |      |           |           |           |           |
|            | ≤200               | 11.0          |                |                          |                         | 4"          | DN65-2.5"    | DN65-2.5" |           |      |           |           |           |           |
|            | ≤320               | 22.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤500               | 30.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤500               | 7.5           |                |                          |                         |             | 12.5         | 1.5       | 1450      | DN80 | DN50-2"   | DN65-2.5" |           |           |
|            | ≤700               | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1000              | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1300              | 22.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1800              | 30.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1000              | 7.5           | 8.3            | 1.5                      | 950                     | DN80        | DN50-2"      | DN65-2.5" |           |      |           |           |           |           |
|            | ≤2000              | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤3000              | 22.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤4000              | 30.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | DJ-HHZ-210         | ≤120          |                |                          |                         | 11.0        | 40.0         | 1.5       | 2950      | 4"   | DN65-2.5" | DN65-2.5" |           |           |
|            |                    | ≤220          | 22.0           |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤320       |                    | 30.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤500       |                    | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤700       |                    | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤1000      |                    | 22.0          | 20.0           | 1.5                      | 1450                    | 4"          | DN65-2.5"    | DN65-2.5" |           |      |           |           |           |           |
| ≤1500      |                    | 30.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤800       |                    | 7.5           |                |                          |                         |             |              |           | 13.3      | 1.5  | 950       | 4"        | DN65-2.5" | DN65-2.5" |
| ≤1200      |                    | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤1500      |                    | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤2000      |                    | 18.5          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| ≤3000      |                    | 30.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
| DJ-HHZ-240 |                    | ≤120          | 15.0           | 65.0                     | 1.5                     | 2950        | 4"           | DN65-2.5" | DN65-2.5" |      |           |           |           |           |
|            |                    | ≤150          | 22.0           |                          |                         |             |              |           |           |      |           |           |           |           |
|            |                    | ≤200          | 30.0           |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤300               | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤500               | 18.5          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤800               | 30.0          | 32.5           | 1.5                      | 1450                    | 4"          | DN65-2.5"    | DN65-2.5" |           |      |           |           |           |           |
|            | ≤500               | 7.5           |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤800               | 11.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1000              | 15.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤1500              | 22.0          |                |                          |                         |             |              |           |           |      |           |           |           |           |
|            | ≤2000              | 30.0          | 21.7           | 1.5                      | 950                     | 4"          | DN65-2.5"    | DN65-2.5" |           |      |           |           |           |           |

## HHQ series mixing pump



HHQ mixing pump selection table

| Model  | Power | Outlet pressure (bar) | Flow(m³/h) | Applicable mixture viscosity | Hopper volume | Solid suction volume | Solid Inlet | Liquid Inlet | Outlet    | Connection way |
|--------|-------|-----------------------|------------|------------------------------|---------------|----------------------|-------------|--------------|-----------|----------------|
| HHQ-10 | 3KW   | 3.0                   | 10         | ≤300                         | 45L           | 2000kg/h             | 3"          | DN40-1.5"    | DN50-2"   | Clamp, Thread  |
|        | 4KW   |                       |            | ≤500                         |               |                      |             |              |           |                |
| HHQ-20 | 4KW   | 3.0                   | 20         | ≤300                         | 45L           | 3000kg/h             | 3"          | DN40-1.5"    | DN50-2"   | Clamp, Thread  |
|        | 5.5KW |                       |            | ≤500                         |               |                      |             |              |           |                |
| HHQ-30 | 5.5KW | 3.0                   | 30         | ≤300                         | 45L           | 4200kg/h             | DN80        | DN50-2"      | DN65-2.5" | Clamp, Thread  |
|        | 7.5KW |                       |            | ≤500                         |               |                      |             |              |           |                |
| HHQ-40 | 7.5KW | 3.0                   | 40         | ≤300                         | 45L           | 5500kg/h             | DN80        | DN50-2"      | DN65-2.5" | Clamp, Thread  |
|        | 11KW  |                       |            | ≤500                         |               |                      |             |              |           |                |
| HHQ-50 | 11KW  | 3.0                   | 50         | ≤300                         | 65L           | 7000kg/h             | 4"          | 2.5"         | DN80-3"   | Clamp, Thread  |
|        | 15KW  |                       |            | ≤500                         |               |                      |             |              |           |                |
| HHQ-60 | 15KW  | 3.0                   | 60         | ≤300                         | 65L           | 9000kg/h             | 4"          | 2.5"         | DN80-3"   | Clamp, Thread  |
|        | 22KW  |                       |            | ≤500                         |               |                      |             |              |           |                |

## Hopper

Simple, flexible, economic and plenty combination

Hoppers can be configured with all series of pumps and also with various functions



Multi-function cover



Control valve



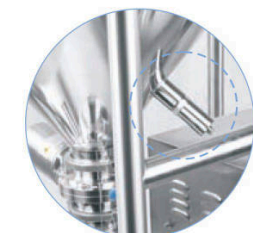
Pneumatic vibrator



Electric vibrator



Sight glass + LED light



Tuning fork position sensor