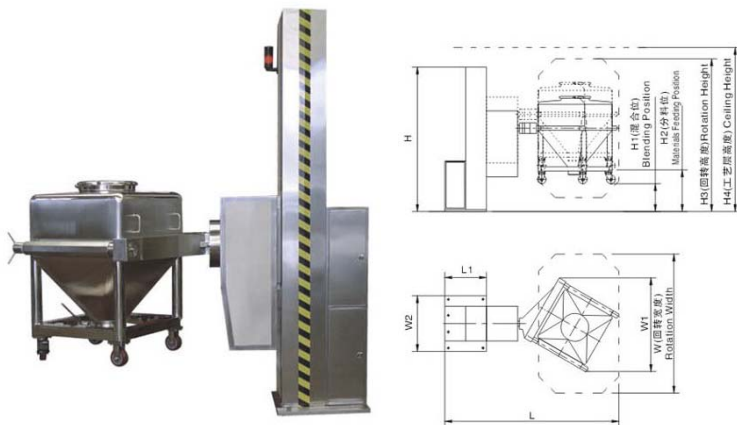


HTD50-1500

Post Bin Blender



HTD50-800

Features:

This equipment is successfully designed on the basis of a wide research, absorption and digestion of foreign advanced models. It has a reasonable structure with stable performances and easy operation; the whole machine has no dead angle or exposed screws. Structural characteristics of this equipment are: the bin is tilted 30° as compared with the rotation axis, the materials perform a double movement inside the bin: a constant and intense turn over following the frame rotation and also a relatively high tangential motion along the bin wall to realize an optimal blending effect. PLC, also infrared safety device and a device avoiding misoperation of butterfly valve are designed to ensure a fully automatic control and a safe production. All processes of the materials are finished in a same container without frequent materials transfer, charging and shift. Consequently, powder dust or cross pollution are effectively controlled to reduce materials losses, and on the other hand, an effective control of materials layers is achieved. Finally, the production process has been greatly optimized. HTD Series Post Bin Blenders comply entirely with GMP requirements for medicine production.

Application:

This equipment can execute automatically raising, blending and lowering tasks. One main machine can be configured with multi-bins, so varietal blending can be satisfied, consequently it is considered as the ideal blending equipment in pharmaceutical industry. It is also widely used in chemical, foodstuff industries, etc.

Principle:

This equipment is composed of column, frame, slewing fork mounting; drive, brake and control systems, etc. When operating, load the bin on the blending carriage and lock the nuts, and start the control system, the blending carriage is automatically raised to the blending height and reliably positioned. Then the drive system starts blending task according to the set time and rotation speed. All the set parameters have been reached, the brake system operates automatically to stop the blending carriage being a horizontal position and the blending task is finished. Then, the lifting system works to lower the bin on the ground and stops automatically on reaching that position. Finally, data of this batch are printed. Unfasten the nuts of the bin blending fork carriage and move out the bin to transfer it for the next process.



HTD-1500

LDT Pharma Bin

| Parameters | L | W | W1 | W2 | L1 | H | H1 | H2 | H3 | H4 | Blending speed(rpm) | Net load(Kg) | Power(Kw) | Weight(T) |
|------------|------|------|------|-----|------|------|-----|-----|------|------|---------------------|--------------|-----------|-----------|
| HTD-50 | 2120 | 1400 | 1040 | 800 | 600 | 2000 | 250 | 750 | 1500 | 2800 | 3~20 | 25 | 3.7 | 0.6 |
| HTD-100 | 2120 | 1400 | 1040 | 800 | 600 | 2000 | 250 | 750 | 1500 | 2800 | 3~20 | 50 | 3.7 | 0.7 |
| HTD-200 | 2400 | 1800 | 1040 | 800 | 600 | 2300 | 350 | 750 | 1950 | 2800 | 3~20 | 100 | 4.4 | 0.8 |
| HTD-300 | 2420 | 1900 | 1220 | 800 | 600 | 2300 | 350 | 750 | 2100 | 2800 | 3~20 | 150 | 4.4 | 0.9 |
| HTD-400 | 2535 | 2100 | 1300 | 800 | 600 | 2300 | 350 | 750 | 2250 | 2800 | 3~20 | 200 | 5.2 | 1 |
| HTD-500 | 2580 | 2200 | 1435 | 800 | 600 | 2300 | 350 | 750 | 2350 | 2800 | 3~15 | 250 | 5.2 | 1.2 |
| HTD-600 | 2680 | 2400 | 1500 | 800 | 600 | 2300 | 350 | 750 | 2500 | 3000 | 3~15 | 300 | 5.2 | 1.3 |
| HTD-800 | 2850 | 2500 | 1580 | 800 | 600 | 2500 | 400 | 750 | 2650 | 3000 | 3~15 | 400 | 7 | 1.6 |
| HTD-1000 | 3010 | 2700 | 1720 | 900 | 820 | 2700 | 400 | 750 | 2800 | 3000 | 3~10 | 500 | 7 | 2 |
| HTD-1500 | 3200 | 2800 | 1800 | 900 | 1500 | 2800 | 400 | 750 | 2800 | 3000 | 3~10 | 750 | 6.2 | 2 |