

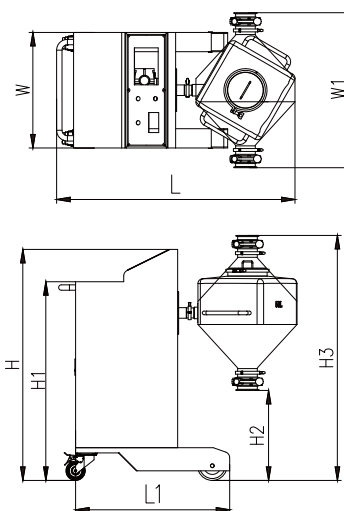
# Lab Bin Blender

## Application

It is mainly used for R&D mixing different components of dry powders with dry powders, granules with granules, or powders with granules. It is an ideal machine for exploring the best process parameters in material mixing, and an advanced mechanically and electrically integrated lab machine

## Features

- ▲ R&D scale
- ▲ With reasonable design, compact structure, space saving
- ▲ With movable wheels with brake
- ▲ With interchangeable mixing bins for various capacity
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



## Technical Parameter

| Item                     | Model | HLS-5        | HLS-10        | HLS-15        | HLS-20        | HLS-30        | HLS-50        | HLS-100       | HLS-150       |
|--------------------------|-------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Effective volume (L)     |       | 5            | 10            | 15            | 20            | 30            | 50            | 100           | 150           |
| Working volume (L)       |       | 1.5-4        | 3-8           | 4.5-12        | 6-16          | 9-24          | 15-40         | 30-80         | 45-120        |
| Max. loading weight (kg) |       | 2.5          | 5             | 7.5           | 10            | 15            | 25            | 50            | 75            |
| Total power (kW)         |       | 0.37         | 0.37          | 0.37          | 0.37          | 0.55          | 0.55          | 0.75          | 1.1           |
| Rotation speed (rpm)     |       | 3-30         | 3-30          | 3-30          | 3-30          | 3-25          | 3-25          | 3-20          | 3-20          |
| Weight (kg)              |       | 150          | 160           | 170           | 180           | 190           | 200           | 250           | 280           |
| Dimension (mm) L*W*H     |       | 870*600*1200 | 1030*600*1200 | 1040*600*1200 | 1050*600*1200 | 1100*600*1200 | 1150*600*1200 | 1400*800*1280 | 1650*800*1360 |

Note: The referenced bulk density is 0.625g/cm<sup>3</sup>. The loading coefficient is 0.3 - 0.8, Calculated based on the maximum volume during the production process. Our company can customize products according to user requirements.