

## *HRML Horizontal Ribbon Mixer / Blender*



The Horizontal Ribbon Mixer consist of U-Shape tank, spiral and drive parts. The spiral is dual structure. Outer spiral make the material move from the sides to the center of the tank and the inner screw conveyor the material from the center to the sides to get the convective mixing. Our DP series Ribbon mixer can mix many kinds material especially for the powder and granular which with stick or cohesion character, or add a little liquid and paste material into powder and granular material. The mixture effect is high. The cover of the tank can be made as open in order to cleaning and change parts easily.

### **Features**

- DP series mixer with Horizontal tank, single shaft with dual spiral symmetry circle structure.
- The top cover of the U Shape tank has the entrance for material. It can be also designed with spray or add liquid device according the customer's needs. Inside the tank there equipped the axes rotor which consist of, corss support and spiral ribbon.
- Under the bottom of the tank, there has a flap dome valve (pneumatic control or manual control) of the center. The valve is arc design that assure no material deposit and without no dead angle when mixing. Reliable regula-seal prohibit the leakage between the frequent close and open.
- The discon-nexion ribbon of the mixer can make the material mixed with more high speed and uniformity in short time.
- This mixer also can be designed with the function to keep cold or heat. Add one layer outside the tank and put into medium into the interlayer to get the mixing material cold or heat. Usually use water for cool and hot steam or use electrical for heat

## Technical Date

Model	200	300	500	1000	1500	2000	3000
Effective Volume	200L	300L	500L	1000L	1500L	2000L	3000L
Fully Volume	284L	404L	692L	1286L	1835L	2475L	3700L
Fullness coefficient	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Turning Speed	53rpm	53rpm	45rpm	45rpm	39rpm	39rpm	37rpm
Total Weight	280kg	400kg	600kg	850kg	1250kg	1650kg	2600kg
Total Power	4kw	5.5kw	7.5kw	11kw	15kw	18.5kw	22kw
Length (TL)	2020	2300	2600	2930	3280	3620	3350
Width (TW)	630	700	840	990	1070	1180	1980
Height (TH)	1700	1780	1850	2000	2150	2320	2050