



TOKUJU
 DESIGN & MANUFACTURER
 POWER TOOLS &
 MACHINERY & SPECIAL DESIGN

RIBBON SHAPED SCREW MIXER

KOTOBUKI BRAND

MIXWELL

MODEL
R

TOTAL RELIABILITY BASED ON EXPERIENCE



KOTOBUKI MIXWELL
 Model: R-1000

Flow pattern of Ribbon Blender



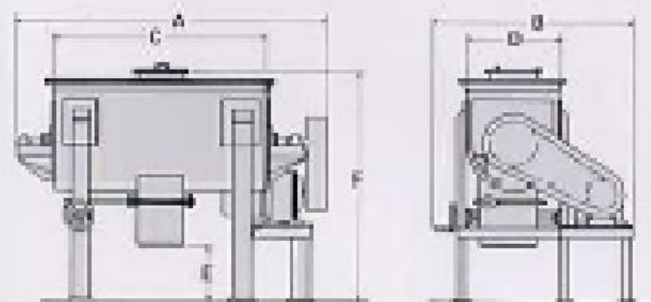
TYPICAL APPLICATIONS

- | | |
|-----------------------------|--|
| Chemicals | Plastic resin powders and pellets, Dyes, Coating materials |
| Food and Pharmaceuticals .. | Flour, Sugar, Powdered Milk, Granulated Drugs, Seasonings |
| Metals | Metal powders |
| Electric | Electronic parts materials, Ferrite |
| Ceramics | Fine ceramics, Refractory materials |

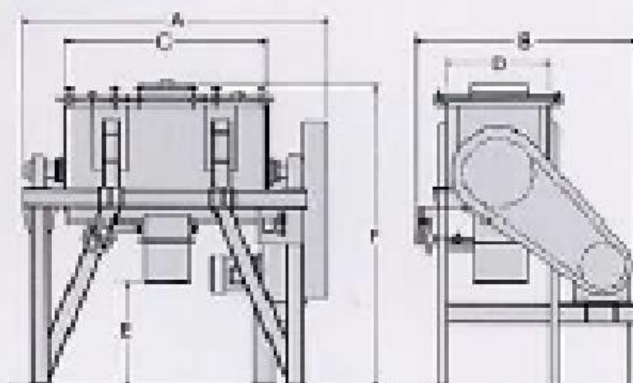
FEATURES

Both inside and outside ribbon shaped screws around the shaft in the fixed vessel rotate slowly. The inside ribbon screw carries the powder from center to the outside, while the outside ribbon screw carries the powder from outside to the inside. Such movement effectively produces repeated and corrective shearing and diffusive mixing.

1. Easy discharge, easy cleaning
2. Easy maintenance of Special Gland Seal (Air seal bearings also available as an option)
3. Easy operation of manual swing discharge valve (Pneumatic cylinder and sliding valves also available as optional)
4. Safe to operate
5. Trouble-free simple design, easy and simple maintenance check
6. Increased capacity with less space



R-70 ~ R-700



R-1000 ~ R-8000

MIXWELL MODEL R SPECIFICATIONS/DIMENSIONS

Model	Working Capacity (kg)	Normal Capacity (kg)	A	B	C	D	E	F	Motor (kw)	Vessel (φ x H)
R-70	70	100	1500	880	900	220	800	1200	0.75	70
R-140	140	200	1650	1050	1000	430	-	1350	1.5	63
R-200	200	300	1800	1150	1300	530	-	1500	2.2	46
R-350	350	500	1900	1300	1500	630	-	1650	3.7	38
R-500	500	800	2000	1500	1700	730	-	1800	3.7	32
R-700	700	1000	2150	1650	1800	830	-	2000	5.5	28
R-1000	1000	1500	2750	1850	1900	930	1000	2200	7.5	25
R-1300	1300	2000	3100	1950	2000	1030	-	2700	7.5	23
R-3000	3000	3000	3500	2300	2300	1150	-	2850	11	20
R-3800	3800	4000	3700	2450	2400	1280	-	3000	15	18
R-5400	5400	5000	4200	2500	3000	1300	-	3100	15	17
R-6000	6000	6000	4850	3000	3300	1650	-	3200	30	14
R-8000	8000	12000	5200	3200	3500	1750	-	3350	37	13

- NOTE: 1. All dimensions are in mm.
2. Motor powers are applicable when the bulk density of the materials is under 0.8 ton/m³.



Typical Shape of Ribbon Screw Unit

OPTIONAL TYPES

1. Jacket Type for heating or cooling mixture
2. Liquid Spray Type for adding moisture or colouring
3. Inclined Vessel Type for discharging materials (Normally this type has no discharge valve)

- TOKUJU reserves the right to change or alter specifications, dimensions, materials and designs without prior notice.

TOKUJU KOSAKUSHO CO., LTD.

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