

A large industrial ribbon blender machine, constructed from stainless steel, is shown in a factory setting. The machine features a long, horizontal mixing chamber with a grid-like structure on top. It is supported by a sturdy metal frame. The background shows a green floor and other industrial equipment. The image is framed by a white diagonal line with orange and blue striped borders.

RIBBON BLENDER

High Efficiency • Zero Leakage • High Uniformity

Double Ribbon Blender TDPM Series

Horizontal double ribbon blender is used to mix different powder, powder with liquid spray and powder with granules, etc.

Submerged with special design, this ribbon agitator makes a material get the higher, more effective and convective mixing in the shortest period of time.

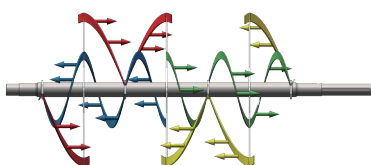
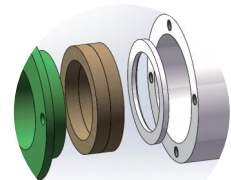


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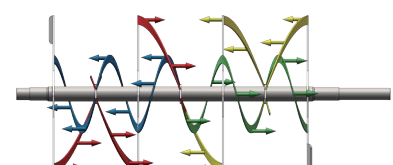
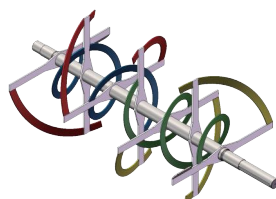
DISCHARGE
PATENT



SHAFT
SEAL PATENT



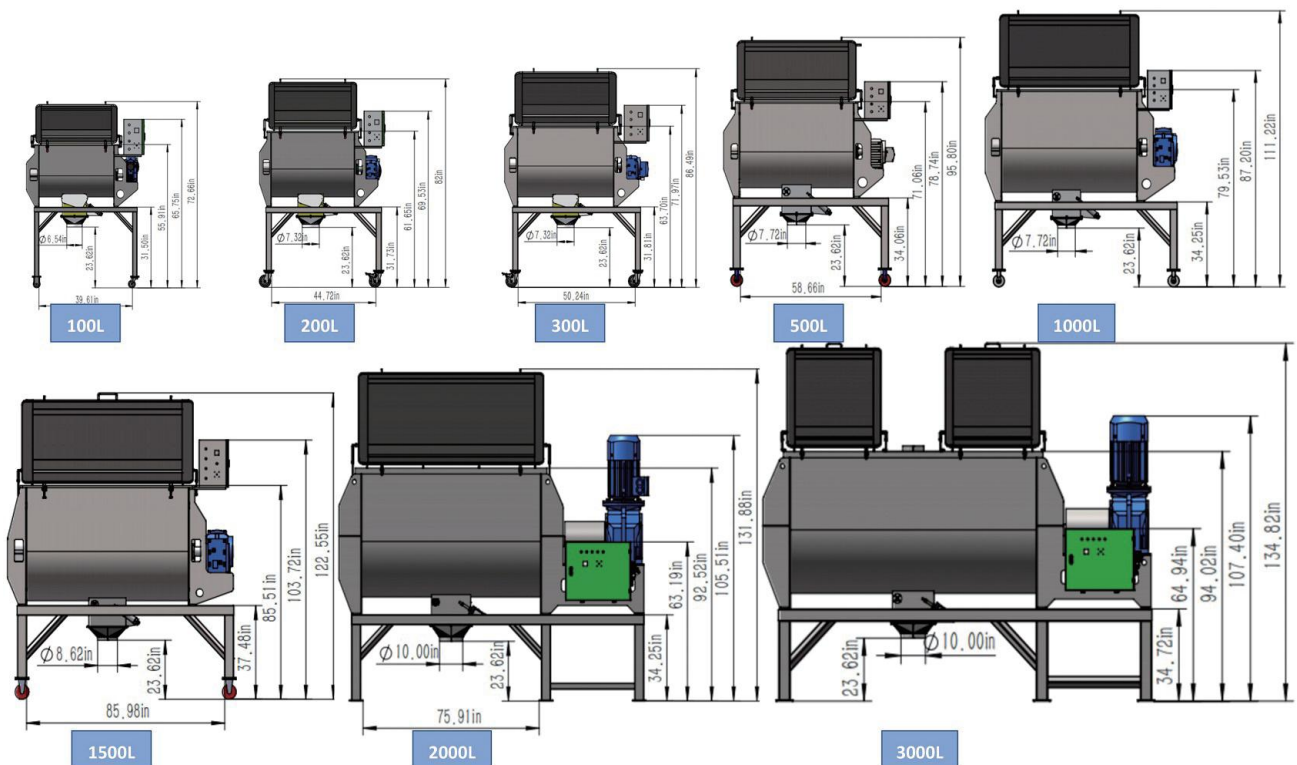
The outer ribbon brings material from sides to the center.



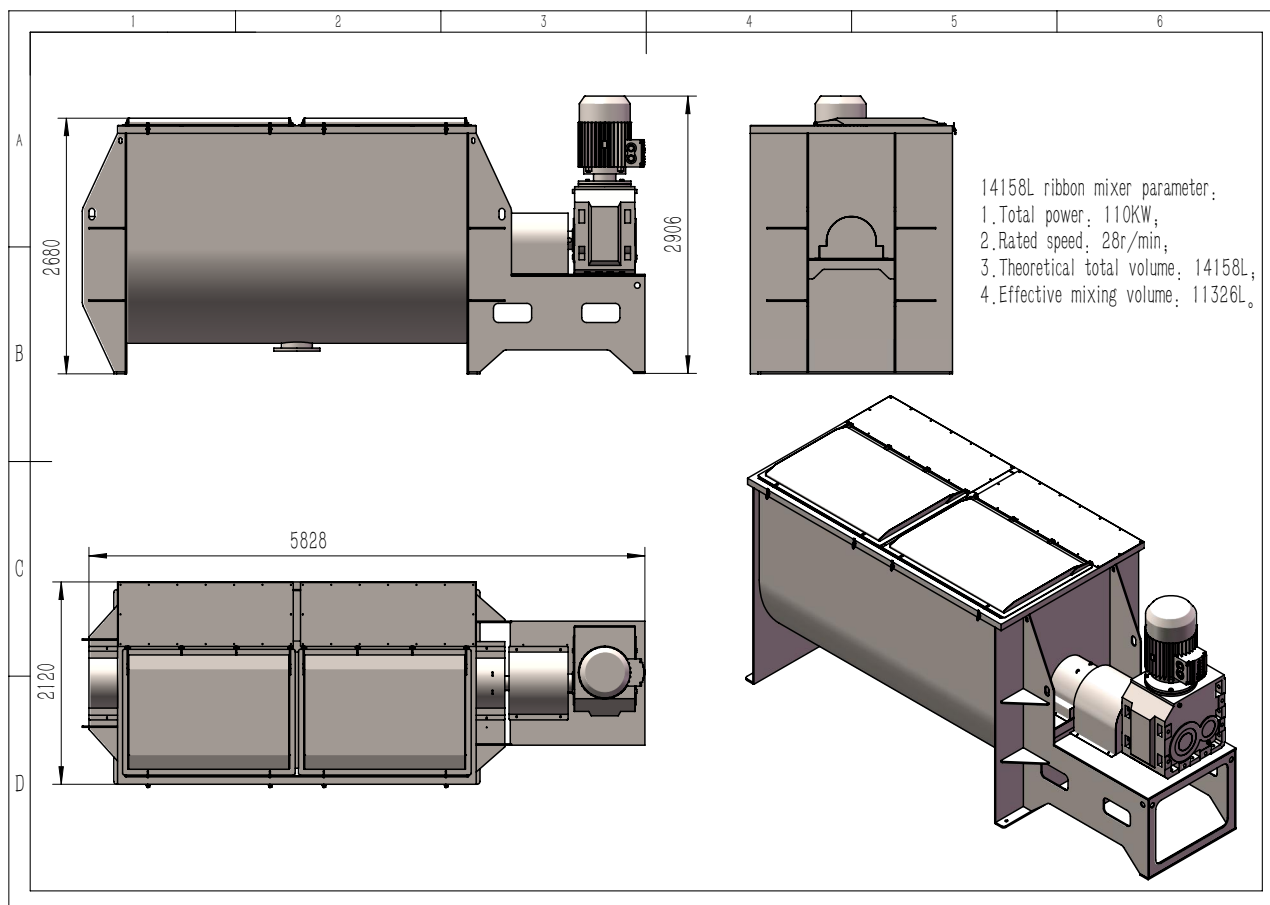
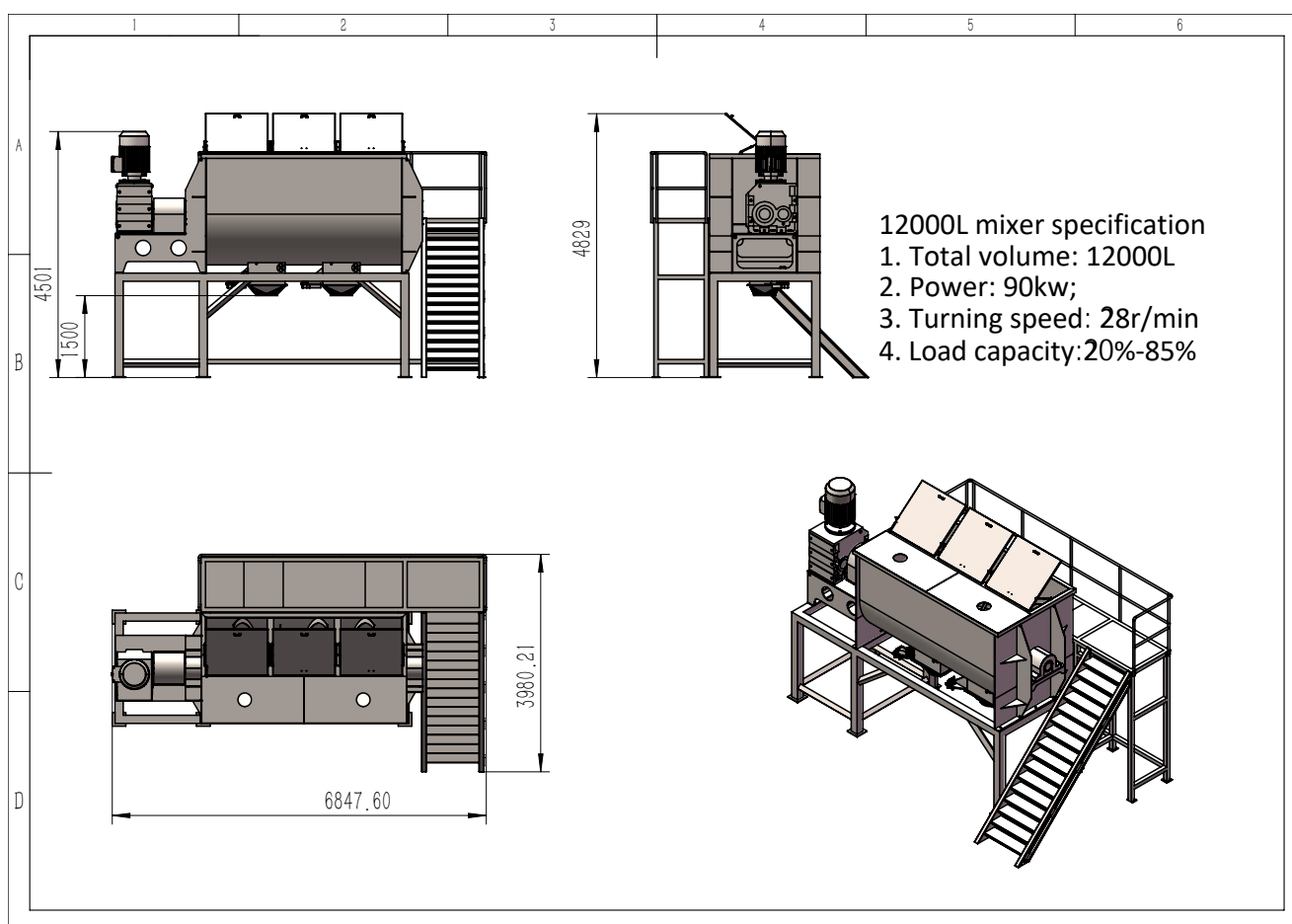
The inner ribbon pushes material from the center to sides.

SPECIFICATION

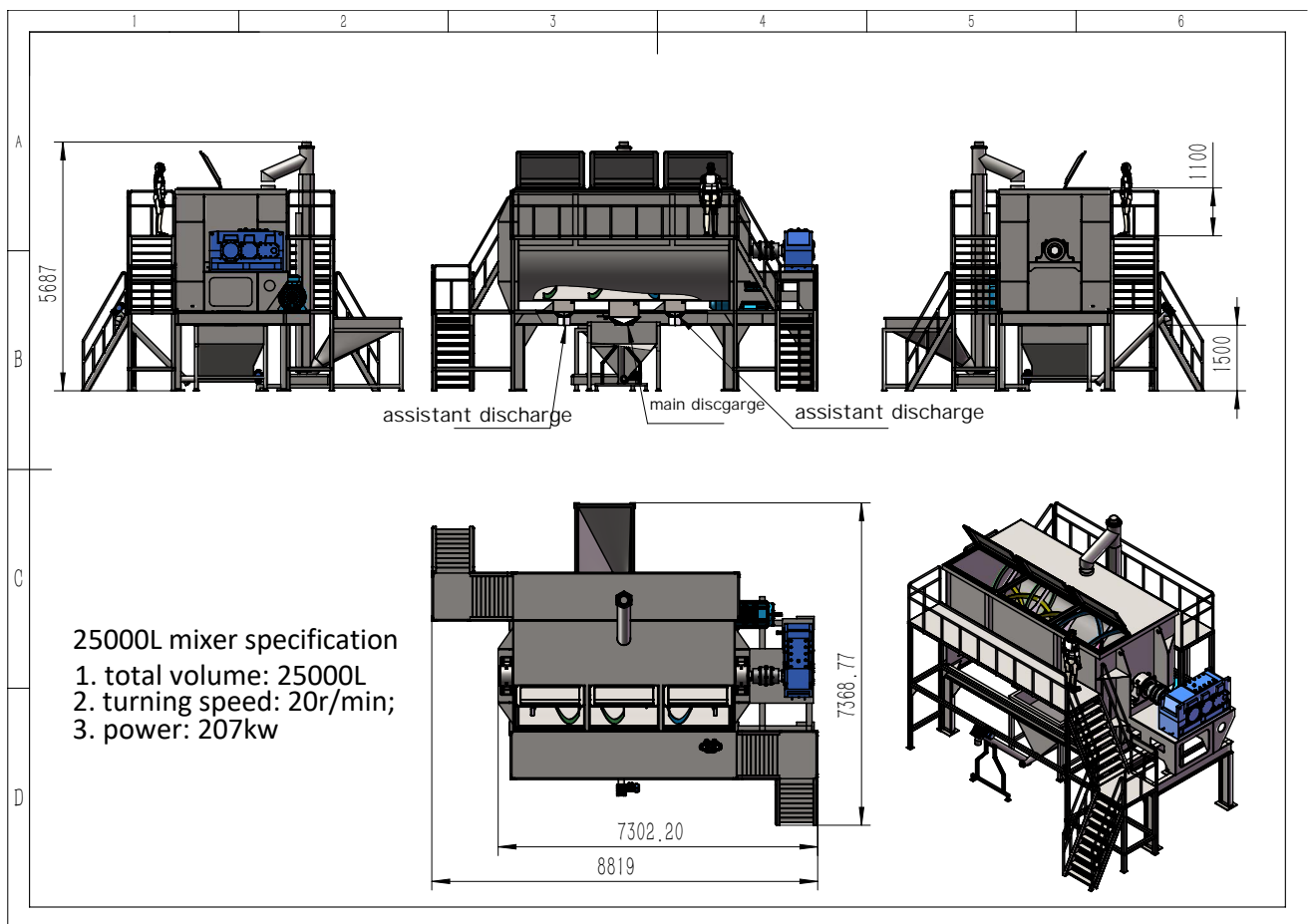
Model	TDPM100	TDPM200	TDPM300	TDPM500	TDPM1000	TDPM1500	TDPM2000	TDPM3000	TDPM5000	TDPM10000
Capacity(L)	100	200	300	500	1000	1500	2000	3000	5000	10000
Volume(L)	140	280	420	710	1420	1800	2600	3800	7100	14000
Loading rate	40%-70%									
Length(mm)	1050	1370	1550	1773	2394	2715	3080	3744	4000	5515
Width(mm)	700	834	970	1100	1320	1397	1625	1330	1500	1768
Height(mm)	1440	1647	1655	1855	2187	2313	2453	2718	1750	2400
Weight(kg)	180	250	350	500	700	1000	1300	1600	2100	2700
Total power(kw)	3	4	5.5	7.5	11	18.5	22	30	45	75



SPECIFICATION



SPECIFICATION



Item Name	TDPM 100	TDPM 200	TDPM 300	TDPM 500	TDPM 1000	TDPM 1500	TDPM 2000	TDPM 3000	TDPM 5000
Shaft thickness (mm)	50	58	68	76	89	102	102	133	142
Tank body thickness (mm)	3	3	3	4	4	5	5	6	6
Side body thickness (mm)	8	8	8	10	10	12	12	14	14
Ribbon thickness (mm)	6	8	8	8	10	12	12	14	14
Motor power (KW)	3	4	5	7.5	11	18.5	22	30	45
Max Motor speed (rpm)	46	46	46	46	30	30	30	30	28

APPLICATION



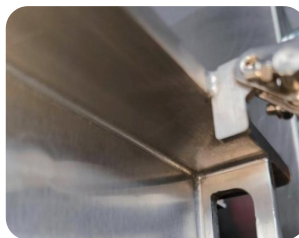
PATENT TECHNOLOGY:

Conduct water testing to achieve **ZERO LEAKAGE**



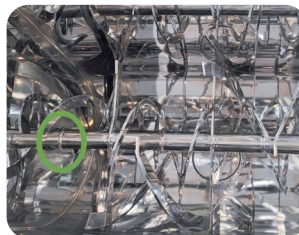
EASY CLEANING

The whole machine is fully welded, with its mixing space and mixing tools are well polished without any gap on it.



FOOD-GRADE STANDARD SHAFT AND TANK IN ONE

No any nut inside the tank



ROUND CORNERS

SILICONE RING

STRENGTHEN RIB

Protects the operator at all times, good in sealing and has longer lifespan when using.



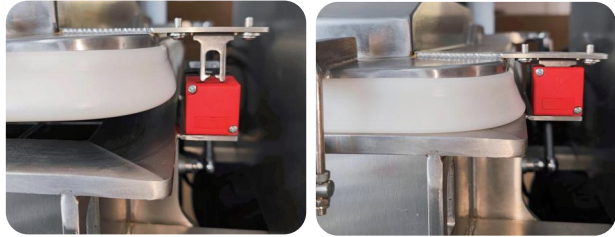
AUTO SLOW RISING LID HOLDER

Operator's safety takes place and has a long-lasting durability when using.



STABLE INTERLOCK

Helps to protect the operators.



SAFETY GRID

Densely grid brings **EASIER MANUAL LOAD**, and **SAFER**



CURVED FLAP

Good in sealing, and has no mixing dead-angles on it.



UNIVERSAL WHEEL WITH BRAKE

It's more convenient when it's placed or moved



HEAVY SHEET METAL

Built with superb construction, has durability and it's perfectly designed for heavy duty purposes.



OPTIONAL CONFIGURATION



Pneumatic square flap valve



Manual slide valve



Pneumatic butterfly valve



Manual butterfly valve



Jacket heating/cooling



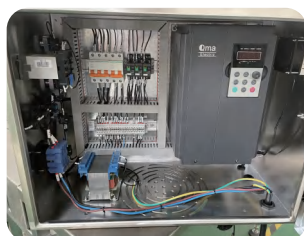
Weighing system



Spray

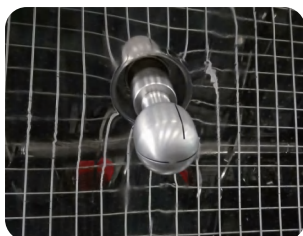


Dust collector



Installed with a frequency convector makes the speed adjustable.

OPTIONAL CONFIGURATION



CIP cleaning system



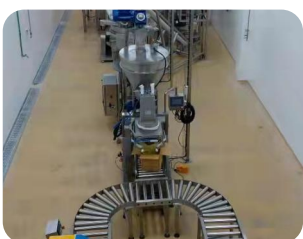
Cover of discharge



Motor cover



Gas seal



Related Machines



Different loading system: manual with platform and ladders, automatic with screw conveyor