



Sanitary triblender that dissolves powders into liquid in a single pass. A tube-in-tube venturi draws powder from the 50-litre hopper and disperses it into the recirculating liquid for a lump-free, homogeneous mix. The stainless table lets operators rest sacks at working height, while a wash bypass on delivery allows CIP cleaning without dismantling the unit. Built entirely in AISI 316L, in three motor sizes.

APPLICATIONS

- Sugar syrups
- Milk powder
- Whey powder
- Cocoa & sugar in milk
- Milk flours & starches
- Brines
- Yogurt pre-mix
- Casein & caseinates

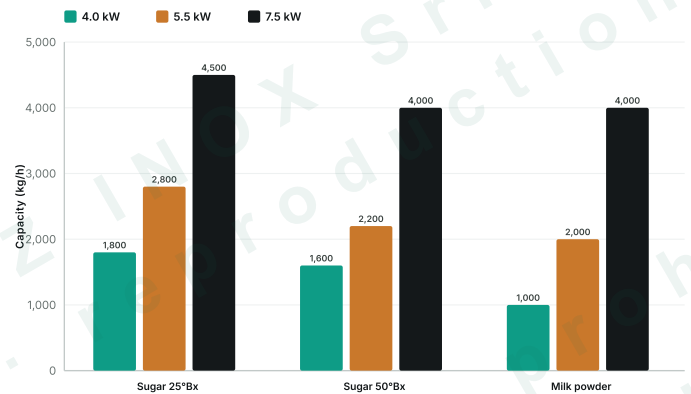
KEY FEATURES

- Table top to rest sacks — safer, more comfortable loading
- Complete mixing with product recirculation
- Wash bypass on delivery — CIP without dismantling
- Long-tail internal mechanical seal — reliable, low cost
- Seamless, internally polished conical hopper (lathe-spun)
- Manual butterfly hopper valve with external handle
- Quick Clamp assembly · optional booster pump on delivery

RANGE — 3 SIZES (50 HZ)

Model	Motor	Liquid recirculation	Self-fed solids intake	Hopper valve
FZ-TB40	4.0 kW · ABB · IE3	up to 35,000 L/h	up to 1,800 kg/h	Clamp 3" DIN-32676
FZ-TB55	5.5 kW · A&G · IE3	up to 45,000 L/h	up to 2,800 kg/h	Clamp 3" DIN-32676

DISSOLUTION CAPACITY · KG/H · 50 HZ



Model	Motor	Liquid recirculation	Self-fed solids intake	Hopper valve
FZ-TB75	7.5 kW · A&G · IE3	over 50,000 L/h	up to 4,500 kg/h	Clamp 4" BS-4825

All sizes: tube-in-tube venturi · 2900 rpm (2-pole) · 50-litre hopper at 60° · inlet Clamp 3" / outlet Clamp 2" BS-4825 · overall 120 × 75 × 110 cm (H).

DISSOLUTION CAPACITY — indicative, self-fed

Product	FZ-TB40 4.0 kW	FZ-TB55 5.5 kW	FZ-TB75 7.5 kW
Sugar up to 25° Brix	1,800 kg/h	2,800 kg/h	4,500 kg/h
Sugar up to 50° Brix	1,600 kg/h	2,200 kg/h	4,000 kg/h
Milk powder 20%	1,000 kg/h	2,000 kg/h	4,000 kg/h
Thickener up to 400 cP	400 kg/h	450 kg/h	500 kg/h

Indicative throughput, self-fed, at 50 Hz. Actual capacity depends on product, temperature and concentration. Data for indicative purposes only.

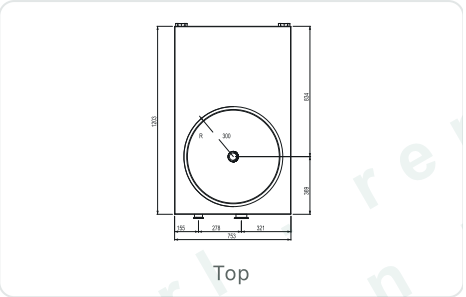
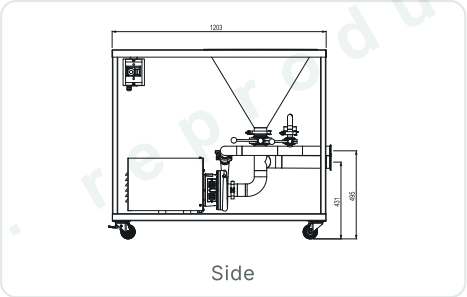
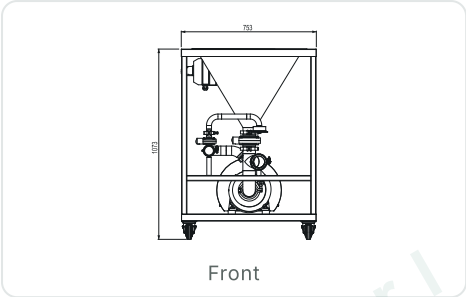
TECHNICAL DATA

Type	Triblender · tube-in-tube venturi
Product-contact material	AISI 316L stainless steel
Hopper	50 L · 60° · seamless polished cone
Inlet (suction)	Clamp 3" BS-4825
Outlet (delivery)	Clamp 2" BS-4825
Speed	~ 2900 rpm (2-pole)
Power supply	400 V · 3-ph · 50 Hz
Mechanical seal	TUC/CARB SPEC/EPDM · long-tail internal
Gaskets	EPDM
Electrical panel	Motor protector · emergency stop & start
Overall dimensions	120 × 75 × 110 cm (H)
Compliance	CE · Made in Italy

OPTIONS

- Double externally-flushed mechanical seal
- Clamp, DIN or SMS connections
- Drainage
- Hopper protection mesh
- Hopper vibrator
- Pneumatic-actuator valves
- Min/max level probes
- Swivel castors and/or adjustable feet
- Custom seal-face materials
- Motor frequency inverter
- Custom stainless electrical panel

DIMENSIONS



Overall dimensions in mm. Indicative, not binding.

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CE Specifications subject to change without notice.