

# UNI DOUGH 4000

Hygienic Dough Pumping System



# ADVANTAGES

- ◆ Handle a wide range of Dough with viscosity range up to 10,00,000 cSt.
  - ◆ An unique combination of powerized Lump Breaker and Single Screw feeder ensures continuous in-take of the media while maintaining its structural integrity
  - ◆ Can handle soft inclusions up to 15 mm in size.
  - ◆ Integral CIP capability – in re-circulation loop with complete drain ability.
  - ◆ Dry run safety during CIP cycle.
  - ◆ Tubular structure in SS 304.
  - ◆ All wetted surfaces in SS 316 L.
  - ◆ Clean design.
  - ◆ Easy operation thru' HMI/PLC based electrical control panel.
- SS 304 Enclosure - Siemens/ Allen Bradley make PLC/HMI / VFD with all inbuilt safeties.
- ◆ SEW make drive motors.



Model : UNI DOUGH 4000		
Generic Name : Dough Pumping System		
Type : Twin Screw		
Capacity : 4000 kgs/ hr		
ELEMENT		SPECIFICATIONS
Feed Hopper	Type	Non retention type
	Capacity	600 kgs
	Pre Feed	Powerised twin shaft lump cutter.
	Power Rating	0.75 kw/30 rpm
	MOC	SS 316 L
Screw Feeder	Type	Single screw
	Mechanical Seal	Single Mechanical Seal TC/TC/HNBR
	Screw Feeder Drive	Bevel Helical - 1.5 kw , IE3 ,make SEW
	Feed Rate	Variable - upto 4000 kgs. hr
	MOC	SS 316 L
	CIP	Thru' Feed Pump based recirculating loop
	Drainability	Complete - No retention ball vale @ bottom.
Feed Pump	External Finish	Matt and 2 B
	Type	Twin Screw
	Model	3031
	Make	Bornemann . Germany
	Hygienic Certification	EHEDG , 3A
	Max. Feed Rate	4000 kgs/hr
	Max.Pressure	23 bars
	Feed Pump Drive	15 kw , 700 rpm ,IE3 make SEW



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