

Full Automatic Pre-Expander

TK TECH all-round machine series

- Continuous & batch type available
(Batch type recommended for precise & consistent density)
- Material weighing system minimizing bead-volume variation through Load Cell sensor & indicator
- Reduced bead density variation by $\pm 1\%$ by using level vibration sensor
- Heating system to reduce water entrainment and eliminate thermal shock during discharge of the vessel
- Automatic steam cut-off and air-input system to prevent bead freezing-up in sudden electrical failure
- Advanced Touch Screen Control system for friendly and easy operation as well as self-checking warning, position indicating and troubleshooting
- Minimum preponderance gap of the effervescent bead through invariable steam of $0.3\text{--}0.7\text{kg/cm}^2$



SPECIFICATION

MODEL NO.		UINT	TK-900P	TK-1400P	TK-1800P	TK-2000P
VESSEL VOLUME		m ²	0.9	1.7	4.2	5.3
PIPE & PRESSURE	STEAM	ϕ(mm), kg/cm ²	32, 4	40, 4	65, 4	80, 4
	AIR	ϕ(mm), kg/cm ²	25, 4	25, 4	32, 4	32, 4
	DRAIN	ϕ(mm)	80	80	100	125
AGITATOR MOTOR		kW	3.7 x 4P	5.5 x 4P	7.5 x 4P	7.5 x 4P
HOPPER LOADER		kW	2.2 x 2P	3.7 x 2P	5.5 x 2P	7.5 x 2P
DRYING BLOWER		kW	2.2 x 4P	3.7 x 4P	7.5 x 4P	7.5 x 4P
DISCHARGE BLOWER		kW	0.75 x 2P	0.75 x 2P	1.5 x 2P	2.2 x 2P
BEAD TRANSFER		kW	3.75 x 2P	5.5 x 2P	7.5 x 2P	7.5 x 2P
POWER		kW	12.5	19.0	28.5	32.2
CAPACITY	12g/l	kg/hr	250	530	600	950
	15g/l	kg/hr	350	660	980	1200
	20g/l	kg/hr	450	800	1150	1520
	25g/l	kg/hr	550	950	1400	1900
	35g/l	kg/hr	650	1100	1900	2660
MACHINE SIZE	MAIN	L*W*H(mm)	1200*1200*3200	1400*1400*4000	1600*1600*5200	1800*1800*5500
	DRYER	L*W*H(mm)	3500*1200*1200	4000*1400*1300	4800*1600*1400	5000*1800*1400
WEIGHT		ton	2.8	3.2	4.0	5.0

EPS PRODUCT MANUFACTURING LINE & EPP, PSP, CUP FORMING M/C, MOLDING M/C

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