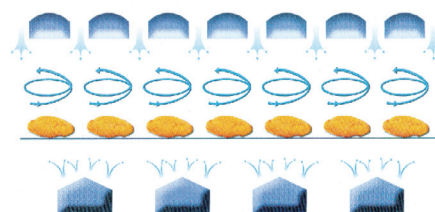


隧道式速冻装置 Tunnel Freezer



“Two-way thermal fluctuation” air distribution system

■ The high-efficiency tunnel quick freezer has an air distribution system with “two-way thermal fluctuation” effect, so that high-speed uniform cold air currents are sprayed onto upper and lower surfaces of food in “pulsing mode”, and food surfaces are under the alternate action of vertical wind with vortex wind, thereby realizing quick and continuous heating between cold air currents and food surfaces and between food surfaces and food centers, effectively increasing food freezing speed and greatly improving food freezing quality.



Structure form

■ The tunnel freezer consists of feed inlet, insulation structure, discharge gate, conveyor belts, transmission system, evaporator, fan and electric control system. In terms of the number of conveyor belts, the tunnel freezer includes multiple forms such as single plate belt, single mesh belt, dual plate belt, dual mesh belt, etc. In the dual plate belt quick freezer or the dual mesh belt quick freezer, an insulation structure is separated by insulation boards into two relatively independent quick freezing spaces, which are fitted with two sets of completely independent transmission systems and air distribution systems. This greatly shortens the length of the processing workshop on the premise of meeting the customer's requirements for processing techniques and quality.



Performance parameters of MTS series tunnel (plate belt) freezers

Product model	MTS250	MTS500	MTS600	MTS750	MTS800	*MTS800	*MTS1000	*MTS1200	*MTS1500
Nominal freezing capacity (kg/h)	250	500	600	750	800	800	1000	1200	1500
Cold consumption under nominal working conditions (kW)	45	80	90	110	120	130	150	180	220

Performance parameters of MES series high-efficiency tunnel (plate belt) freezers

Product model	MES500	MES750
Nominal freezing capacity (kg/h)	500	750
Cold consumption under nominal working conditions (kW)	100	145

Performance parameters of MTN series tunnel (mesh belt) freezers

Product model	MTN 250 -1220	MTN 500 -1220	MTN 500 -1530	MTN 750 -1530	MTN 1000 -1530	MTN 500 -2030	MTN 750 -2030	MTN 1000 -2030	MTN 1500 -2030	MTN 2000 -2030	MTN 500 -2200	MTN 750 -2200	MTN 1000 -2200	MTN 1200 -2200	MTN 1500 -2200
Nominal freezing capacity (kg/h)	250	500	500	750	1000	500	750	1000	1500	2000	500	750	1000	1200	1500
Cold consumption under nominal working conditions (kW)	45	80	80	110	160	80	110	150	220	300	80	110	150	180	220

Product model	MTN 1500 -2200	MTN 2000 -2200	MTN 750 -2650	MTN 1000 -2650	MTN 1200 -2650	MTN 1500 -2650	MTN 1000 -3030	MTN 1200 -3030	MTN 1500 -3030	MTN 2000 -3030	MTN 1200 -3200	MTN 1500 -3200	MTN 2000 -3200	MTN 2500 -3200
Nominal freezing capacity (kg/h)	1500	2000	750	1000	1200	1500	1000	1200	1500	2000	1200	1500	2000	2500
Cold consumption under nominal working conditions (kW)	230	300	110	155	180	220	160	180	220	300	180	220	300	380

MOON ENVIRONMENT TECHNOLOGY CO., LTD

Add: No.1 Binglun Road, Yantai, China

Tel: +86 535 6245052

Fax: +86 535 6242155

 Web: www.yantaimoon.com

* The specifications are subject to change without notice.