CHEN HSONG

MK6.6 Crate

Specialised for Food and Produce Crates

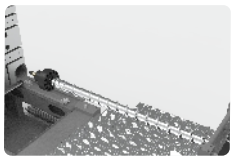
328-658T

High Speed Lower Energy Consumption Powerful Performance



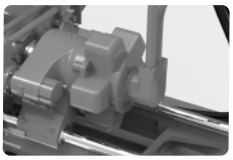
chenhsong.com

MK6.6 Crate



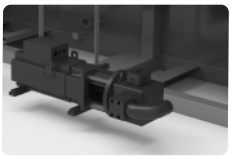
Specialised bi-metallic screw

Wear-resistant and easy feeding for higher production efficiency



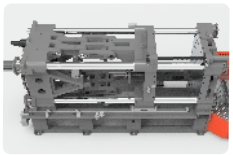
High-speed hydraulic motor

Faster recovery speed for higher production efficiency



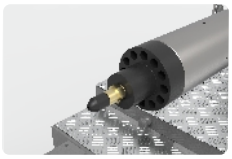
Enlarged power pack

More power when you need it, and better energy **efficiency when you don't**



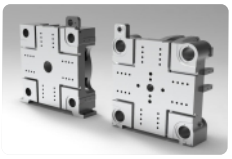
Longer clamping stroke, larger tie-bar distance

Perfect for crates production



Quick release nozzle

Quick and easy nozzle changes



T-slots

T-slots for quick mould changes

High-End Computer Controller Powerful Performance

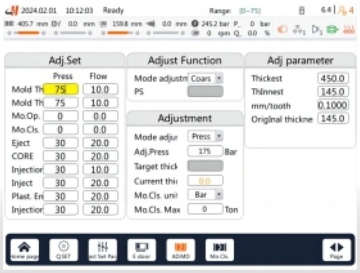
12” large-sized LCD panel

800x600 resolution

250 us cycle scan time

Advanced, high-speed CPU provides ample computing power for closed-loop calculations, leading to lightning-speed responses, ultra-high precision and exceptional repeatability



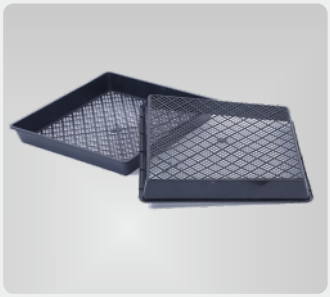


More Intelligence

Easy to operate

❶ USB socket	❷ Ethernet socket	❸ Smart clamp motion control	❹ Smart temperature control algorithm
❺ Storage of machine parameters and process recipes	❻ USB system upgrade	❼ Audit trail and logs	❽ Alarm logs
❾ Standardised data interchange format	❿ Quick setting page	⓫ Motion curve display	⓬ SPC data
⓭ Freely remap I/O's	⓮ Screen capture to image	⓯ Connectivity with auxiliary equipment	⓰ Multi-lingual

Perfect for all varieties of food and produce crates



Product: Nursery crates
Model: JM328-MK6.6 Crate
Resin: Recycled PP
Dimensions: 420x420x50mm
Weight: 190g
Cycle time: 13-15s



Product: Grape crates
Model: JM328-MK6.6 Crate
Resin: PP + filler
Dimensions: 443x319x141mm
Weight: 1.2kg
Cycle time: 16-19s



Product: Grape crates
Model: JM328-MK6.6 Crate
Resin: PP + filler
Dimensions: 297x221x98mm
Weights: 0.45kg
Cycle time: 12-14s



Product: Grape crates
Model: JM328-MK6.6 Crate
Resin: PP + filler
Dimensions: 377x320x130mm
Weight: 1.35kg
Cycle time: 16-19s



Product: Vegetable crates
Model: JM408-MK6.6 Crate
Resin: Recycled PP
Dimensions: 450x330x200mm
Weight: 1.3kg
Cycle time: 18-21s



Product: Vegetable crates
Model: JM488-MK6.6 Crate
Resin: Recycled PP
Dimensions: 470x340x250mm
Weight: 1.6kg
Cycle time: 18-22s



Product: Apple crate
Model: JM488-MK6.6 Crate
Resin: PP (Recycled)
Dimensions: 489x348x278mm
Weight: 1.85kg
Cycle time: 18-23s



Product: Food crates
Model: JM568-MK6.6 Crate
Resin: PP
Dimensions: 605x420x310mm
Weight: 2kg
Cycle time: 30-35s



Product: Food crates
Model: JM568-MK6.6 Crate
Resin: PP
Dimensions: 535x390x290mm
Weight: 2.3kg
Cycle time: 30-35s



Product: Lobster crates
Model: JM658-MK6.6 Crate
Resin: Recycled PP
Dimensions: 620x425x300mm
Weight: 2.2kg
Cycle time: 50-60s

* Cycle times are for reference only – they may vary under different conditions
* For specialised requirements, please consult your local sales office

INJECTION UNIT

Specifications		JM328-MK6.6 Crate	JM408-MK6.6 Crate	JM488-MK6.6 Crate	JM568-MK6.6 Crate	JM658-MK6.6 Crate
Shot Weight (Recycled PP, black)	g	1938	2551	3146 3348	3348 4167	4167 4573
Swept Volume	cm^3	1811	2384	2940 3129	3129 3894	3894 4274
Screw Diameter	mm	83	90	95 98	98 105	105 110
Injection Pressure (Max.)	kgf/cm^2	1183	1236	1350 1268	1268 1289	1289 1175
Injection Rate	mm	335	375	415 415	415 450	450 450
Screw Rotation Speed (Max.)	rpm	190	178	190 190	190 175	175 175
Injection Rate	cm^3/s	480	617	706 751	806 792	792 870
Screw L/D Ratio		19	18.5	18.7 18.6	18.6 18.7	18.7 18
Nozzle Contact Force	ton	9	9	9 9	9 9	9 9
Nozzle Stroke	mm	360	420	420 420	420 460	460 460

CLAMPING UNIT

Specifications		JM328-MK6.6 Crate	JM408-MK6.6 Crate	JM488-MK6.6 Crate	JM568-MK6.6 Crate	JM658-MK6.6 Crate
Clamping Force	ton	328	408	488	568	658
Opening Force	mm	640	700	780	835	920
Space Between Tie Bar (HxV)	mm	710x670	760x710	810x810	855x855	910x900
Mould Thickness (Min.–Max.)	mm	220-660	250-730	275-810	330-850	350-900
Maximum Daylight	mm	1300	1430	1590	1685	1820
Injector Force	ton	7.7	11.1	11.1	16.6	18.2
Injector Stroke	mm	170	220	220	250	265
Mould Register Hole	mm	160	200	200	200	200

POWER PACK

Specifications		JM328-MK6.6 Crate	JM408-MK6.6 Crate	JM488-MK6.6 Crate	JM568-MK6.6 Crate	JM658-MK6.6 Crate
System Pressure	Mpa	17.5	17.5	17.5	17.5	17.5
Servo Motor Power	kW	48	60	63 63	80 80	80 80
Electrical Heating Power	kW	28.1	32	35.9 39.4	39.4 43	43 43
Temperature Heating Zone		4+1	5+1	5+1	5+1 6+1	6+1

OTHERS

Specifications		JM328-MK6.6 Crate	JM408-MK6.6 Crate	JM488-MK6.6 Crate	JM568-MK6.6 Crate	JM658-MK6.6 Crate
Oil Tank Capacity	L	520	690	730	730 870	870
Machine Dimensions (LxWxH)	mxmxm	6.7x1.7x2.4	7.5x1.8x2.3	8.3x1.9x2.3 8.8x1.9x2.3	9.0x2.0x2.3 9.1x2.0x2.4	9.6x2.2x2.4

Note: Density is based on recycled PP material 1.07g/cm^3

* The above technical parameters are for reference only and may vary under different circumstances.
The company plans to continue improving products, so it reserves the right to change product specifications and parameters without prior notice. Additionally, the company reserves the final right to interpret this specification sheet