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Auxiliary Equipment

Smart auxiliary machines/
Technical specifications



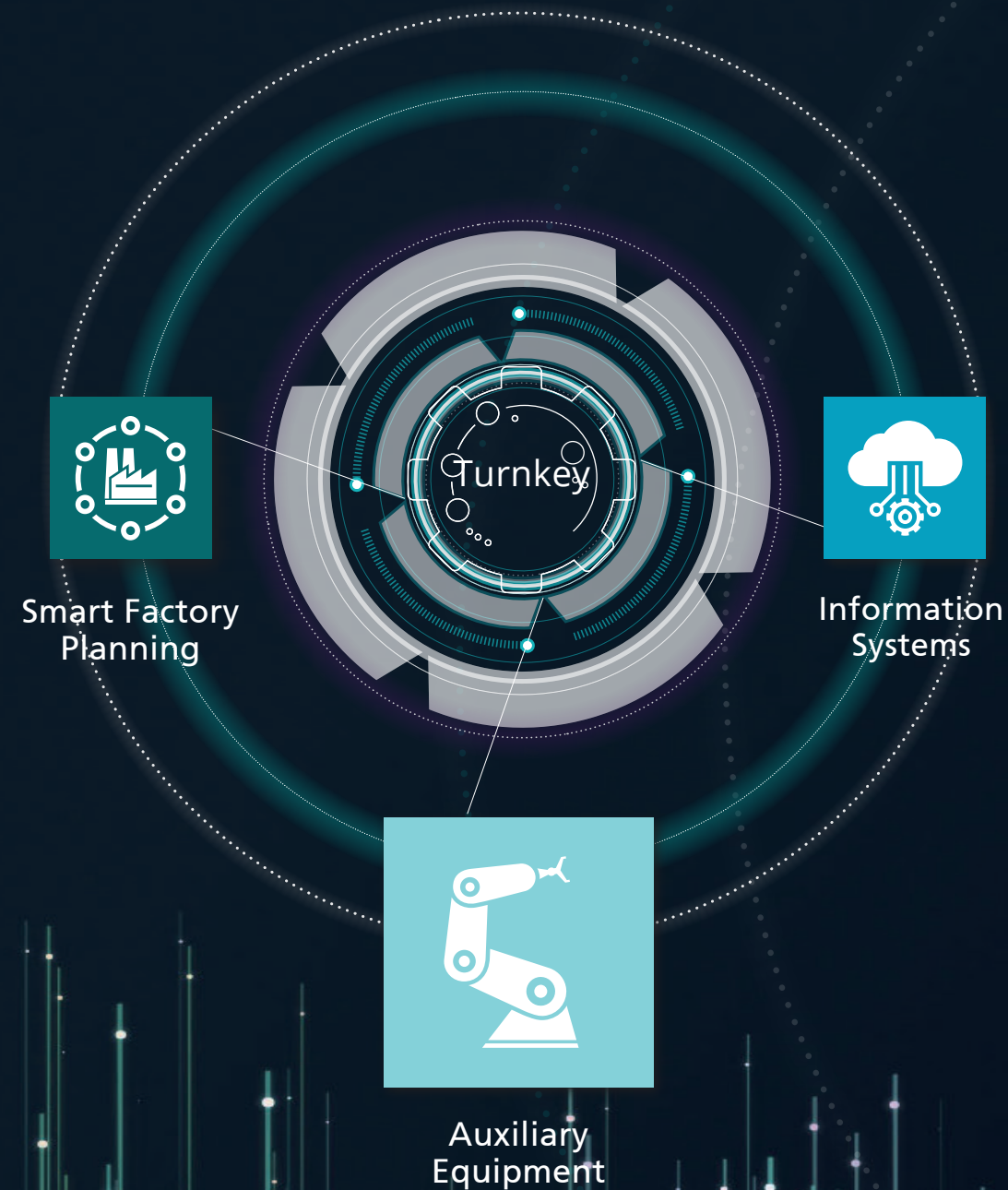
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HT 20260509-CV



Smart Solutions

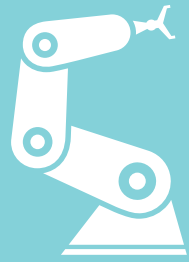
Connectineers for Intelligent Factories



Focusing on the three modules including product pickup, quick die change, and centralized control, Smart Solutions' smart product business provides manufacturing customers with products and service systems such as robots, magnetic templates, hydraulic fixtures and smart peripheral equipment, covering the whole life cycle of production and manufacturing. With advanced technology and products, Smart Solutions meets customers' different needs for manufacturing intelligence, helping enterprises to reduce costs, increase efficiency, and realize turnkey solutions for smart manufacturing.



HAITIAN
SMART SOLUTIONS



Smart auxiliary machine

Relying on the advantages of core technology, it provides a full set of smart peripheral equipment and system solutions to accurately match the needs of enterprises.

Dehumidification and drying

Dehumidifying Dryer

HTDL -50F/W

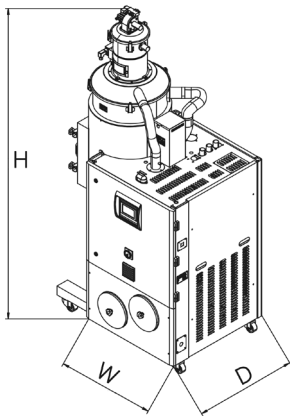


Specification

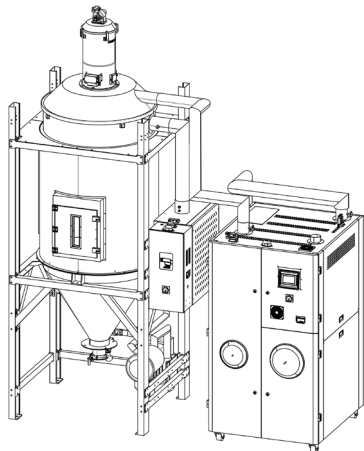
Model	HTDL-	30F/W	50F/W	75F/W	100F/W	150F/W	200F/W	300F/W	400F/W	600F/W	800F/W	1000F/W
Air flow	CMH	50	50	50	120	120	200	200	300	400	600	800
Loading capacity	kg	30	60	75	100	150	200	300	400	600	800	1000
Dewpoint	C	-40										
Drying temp	C	150(180 C Optional)										
Cooling method		Water cooling										
Process blower	kW	0.4	0.4	0.4	0.75	0.75	1.5	1.5	3	4	7.5	7.5
Process heater	kW	2.7	4	5	6	8	10	13	20	20	30	30
Regen blower	kW	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.75	0.75	1.5	1.5
Regen heater	kW	3.5	3.5	3.5	4	4	5	5	8.5	8.5	12	12
Rotary motor	kW	0.006	0.006	0.006	0.015	0.015	0.015	0.015	0.025	0.025	0.09	0.09
Conveying blower	kW	0.75	0.75	1.5	1.5	1.5	1.5	1.5	2.2	4	4	4
PVC hose	Inch	1.5										
Cooling water pipe connection	Inch	1/2										
Feeding hopper		PH3L PH6L PH12L MH12L+MIH12L MH24L+MIH24L										
Power supply	V	AC380V 3P/PE 50/60Hz										
Total power	kW	6.76	8.06	9.81	12.67	14.67	18.42	21.42	34.48	37.28	55.09	55.09

Dimensions												
H	mm	2086	2256	2275	2410	2615	2685	2943	3183	3640	3797	3802
W	mm	1056	1056	1224	1224	1224	1558	1558	1910	1910	2946	3126
D	mm	830	830	935	935	935	946	946	1073	1101	1273	1591
Weight	kg	240	249	259	302	320	412	425	544	643	948	1097

Notes: MH: Mechanical Hopper,PH: Photoelectric Hopper,MIH: Receiving Hopper



HTDL-30F-150F View



HTDL-200F-1000F View

Dehumidification and drying

Dehumidifying Dryer

HTDL -50N/W

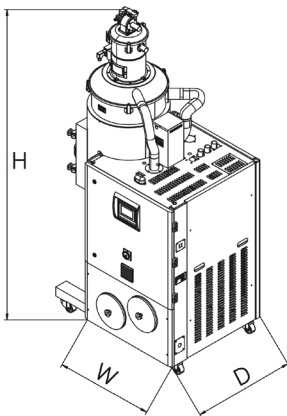


Specification

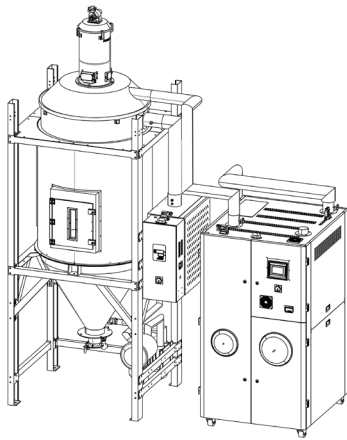
Model	HTDL-	30N/W	50N/W	75N/W	100N/W	150N/W	200N/W	300N/W	400N/W	600N/W	800N/W
Loading capacity	kg	30	50	75	100	150	200	300	400	600	800
Dewpolint	C	-40									
Drying temp	C	150 (180 C Optional)									
Process blower	kW	0.4	0.4	0.4	0.75	0.75	1.5	1.5	3	4	7.5
Process heater	kW	2.7	4	5	6	8	10	13	20	20	30
Conveying blower	kW	0.75	0.75	1.5	1.5	1.5	1.5	1.5	2.2	4	4
PVC hose	Inch	1.5									
Feeding hopper		PH3L PH6L PH12L MH12L+MIH12L MH24L+MIH24L									
Power supply	V	AC380V 3P/PE 50/60Hz									
Total power	kW	3.85	5.15	6.9	8.25	10.25	13	16	25.2	28	41.5
Rated current	A	6.39	8.36	11.37	13.59	16.62	21.15	25.71	40.72	46.28	68.42

Dimension											
H	mm	2086	2256	2275	2410	2615	2685	2943	3183	3640	3797
W	mm	1056	1056	1224	1224	1224	1558	1558	1910	1910	2946
D	mm	830	830	935	935	935	946	946	1073	1101	1273
Weight	kg	204	210	230	268	270	367	378	484	574	843

Notes: MH: Mechanical Hopper,PH: Photoelectric Hopper,MIH: Receiving Hopper



HTDL-30N-150N View



HTDL-200N-800N View

Dehumidification and drying

Hopper Dryer

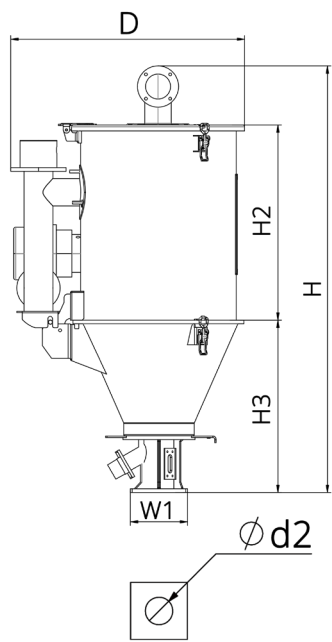
HTHD-50ESH/W



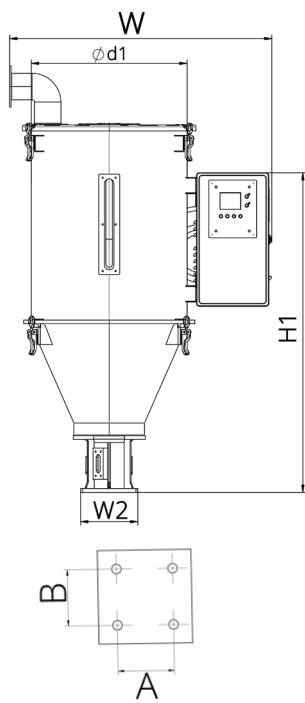
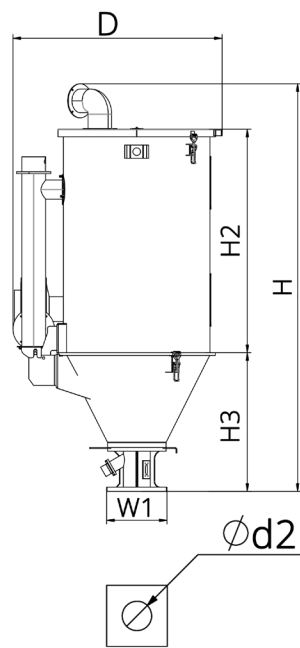
Specification

Model	HTHD-	25ESH/W	50ESH/W	75ESH/W	100ESH/W	150ESH/W	200ESH/W	300ESH/W	400ESH/W	600ESH/W
Loading capacity	kg	25	50	75	100	150	200	300	400	600
Heating power	kW	2.7	3.9	5	6.4	7.8	10	15	20	27
Fan power	kW	0.13	0.14	0.17	0.18	0.18	0.36	0.36	0.38	0.38
Power supply	V	AC380V 3P/PE 50/60Hz								
Total power	kW	2.84	4.07	5.17	6.58	7.98	10.36	15.36	20.38	27.38
Rated current	A	4.36	6.20	7.93	10.08	12.21	15.91	23.51	31.14	41.78
Insert cavity position A*B	mm	85*70&115*115	115*115	115*115	115*115	115*115	170*170	170*170	170*170&280*280	280*280
H	mm	1000	1180	1400	1355	1610	1650	2000	2180	2200
H1	mm	510	540	690	640	860	820	1170	1140	1070
H2	mm	370	475	475	540	540	615	615	760	910
H3	mm	160	160	160	175	175	200	200	270	270
D	mm	500	630	630	810	810	980	980	1120	1360
Φd1	mm	290	430	430	550	550	675	675	780	990
Φd2	mm	62	75	75	81	81	115	115	115	135
W	mm	590	730	730	860	860	1000	1000	1120	1330
W1	mm	150	160	160	180	180	230	230	320	320
W2	mm	150	160	160	180	180	230	230	320	320
Weight	kg	26	34	37	63	68	101	116	158	180

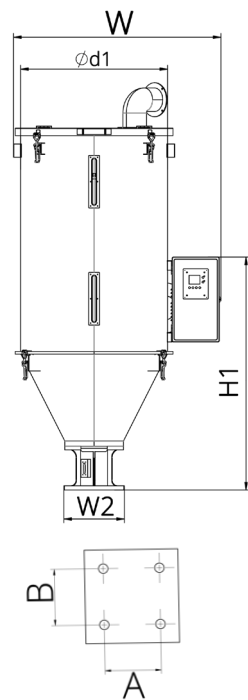
Notes: All models are equipped with magnetic bases and dust collection devices as standard.



25ESH-150ESH



200ESH-600ESH



Dehumidification and drying

Double Insulation Hopper Dryer

HTHD-50EU/W



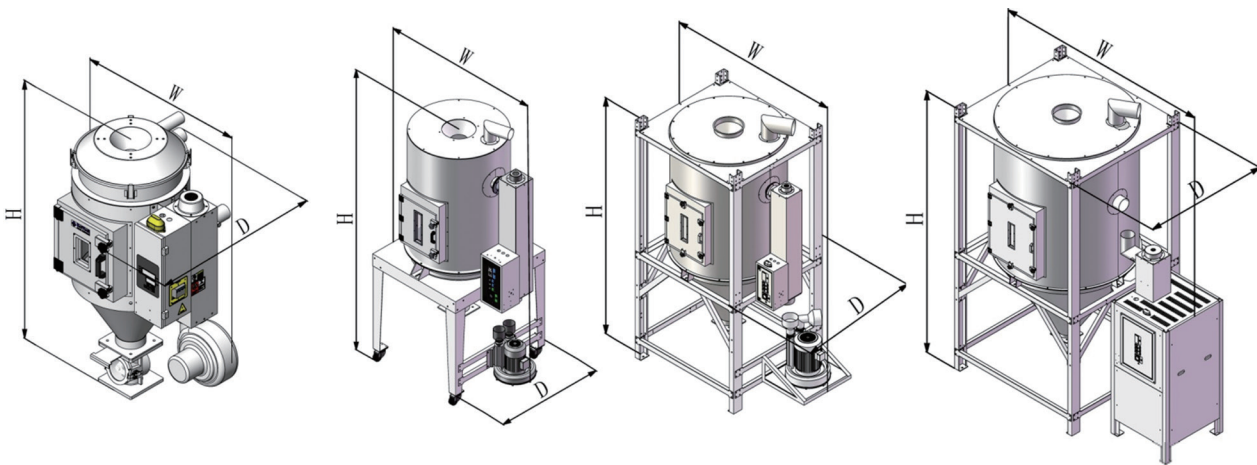
Specification

Model	HTHD-	15EU/W	30EU/W	50EU/W	75EU/W	100EU/W	150EU/W	200EU/W	300EU/W
Loading capacity	kg	15	30	50	75	100	150	200	300
Heating power	kW	1.6	2.7	4	5	6	8	10	13
Heating blower power	kW	0.135	0.135	0.2	0.2	0.35	0.35	0.45	0.45
Drying temperature	C	150(180 C Optional)							
Air inlet pipe	Inch	2		2.5			3		
Air outlet pipe	Inch	1.5		2			2.5		
Power supply	V	AC380V 3P/PE 50/60Hz							
Total power	kW	1.74	2.84	4.16	5.16	6.35	8.35	10.45	13.45
Rated current	A	2.70	4.37	6.47	7.99	9.81	12.85	16.09	20.65

Dimension									
H	mm	945	1152	1264	1368	1532	1845	1784	2049
W	mm	703	715	770	840	864	898	1047.9	1010
D	mm	644	689	778	854	933	944	1028	1027
Weight	kg	50	70	76	80	95	140	163	195

Model	HTHD-	400EU/W	500EU/W	600EU/W	800EU/W	1000EU/W
Loading capacity	kg	400	500	600	800	1000
Heating power	kW	20	20	20	30	30
Heating blower power	kW	1.03	1.03	1.03	5.5	5.5
Drying temperature	C	150(180 C Optional)				
Air inlet pipe	Inch			4		5
Air outlet pipe	Inch		3		4	5
Power supply	V	AC380V 3P/PE 50/60Hz				
Total power	kW	21.1	21.1	21.1	35.5	35.5
Rated current	A	32.43	32.43	32.43	56.51	56.51

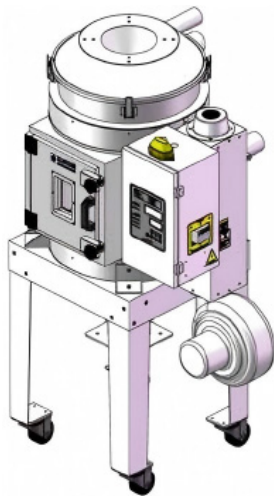
Dimension					
H	mm	2471	2616	2880	3072
W	mm	1339	1320	1320	1184
D	mm	1500	1516	1516	1670
Weight	kg	230	287	320	553



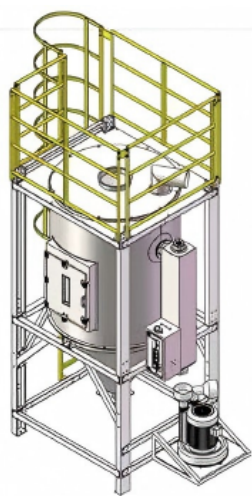
HTHD-15EU~300EU

HTHD-400EU~500EU

HTHD-600EU~1000EU



HTHD-50EU & Floor stand (Optional)



HTHD-1000EU & Safety ladder and protective fence (Optional)

Dehumidification and drying

Dryer and Loader Unit

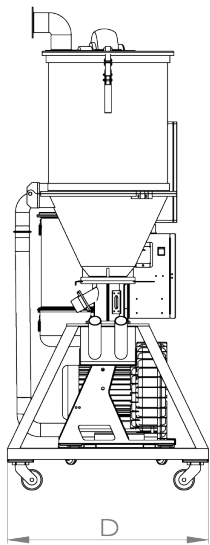
HTLD-50MHL/1.5P HUL/W



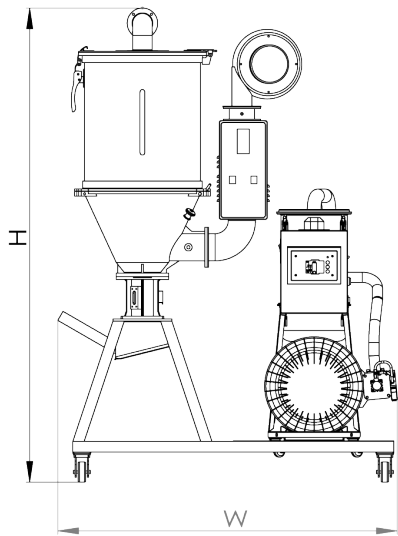
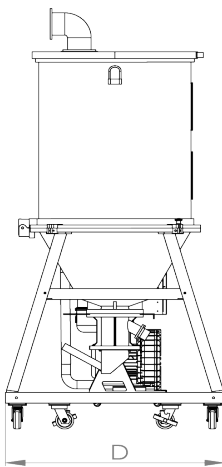
Specification

Model	Dryer model	Loader model	Hopper model	Conveying capacity kg/hr	Dimension mm (H×W×D)	Weight kg
HTLD-25MHL/1.5P-D HUL/W	HTHD-25MHL	HTAL-1.5P-D HUL	MH 7.5L PH 7.5L	450	1600×1220×730	136
HTLD-50MHL/1.5P-D HUL/W	HTHD-50MHL	HTAL-1.5P-D HUL	MH 7.5L PH 7.5L	450	1780×1270×730	146
HTLD-75MHL/1.5P-D HUL/W	HTHD-75MHL	HTAL-1.5P-D HUL	MH 7.5L PH 7.5L	450	1860×1270×730	151
HTLD-100MHL/1.5P-D HUL/W	HTHD-100MHL	HTAL-1.5P-D HUL	MH 7.5L PH 7.5L	450	2100×1340×900	185
HTLD-150MHL/1.5P-D HUL/W	HTHD-150MHL	HTAL-1.5P-D HUL	MH 7.5L PH 7.5L	450	2190×1380×900	203
HTLD-200MHL/2.5P-D HUL/W	HTHD-200MHL	HTAL-2.5P-D HUL	MH 12L PH 12L	550	2380×1580×860	246
HTLD-300MHL/2.5P-D HUL/W	HTHD-300MHL	HTAL-2.5P-D HUL	MH 12L PH 12L	550	2310×1800×1000	257
HTLD-400MHL/2.5P-D HUL/W	HTHD-400MHL	HTAL-2.5P-D HUL	MH 12L PH 12L	550	2460×1940×1200	304
HTLD-600MHL/5P-D HUL/W	HTHD-600MHL	HTAL-5P-D HUL	MH 24L PH 24L	630	2940*2050*1300	400

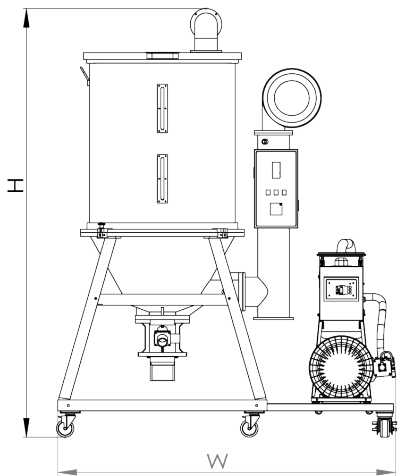
Note: MH stands for Mechanical Hopper, and PH stands for Photoelectric Hopper.



HTLD-50HL/1.5P-D HUL/W



HTLD-400HL/2.5P-D HUL/W



Dehumidification and drying

Optional accessories for drying loader

Fan inlet filter

For fan inlet filter, wind amount is adjustable, and can keep dried materials clean as well as improve quality of transparent material molding.

Model	Applicable model	Diameter of Filter barrel (mm)
FIF-12	HTHD-12	100
FIF-25	HTHD-25	135
FIF-50	HTHD-50~75	135
FIF-100	HTHD-100~150	135
FIF-200	HTHD-200~600	220
FIF-800	HTHD-800~1000	220



FIF-50

Magnetic frame

Magnetic frame effectively absorbs iron impurities in raw materials, and prevent iron impurities into barrel, in that way, screw and barrel will not be harmed. It can also be used with hopper magnetic frame together.

Model	Applicable model	Magnetic tube quantity
MF-5	HTHD-12	5
MF-7	HTHD-25~75	7
MF-9	HTHD-100~400	9
MF-11	HTHD-600~1000	11



MF-11

Hot air collector

Dried hot air will flow into semi-closed circuit to avoid of increasing temperature in factory, keeping air clean and maintaining product quality. Hot air recycling can reduce energy consumption and save about 40% energy.

Model	Applicable model	Diameter of Filter barrel (mm)
HAR-12	HTHD-12	100
HAR-25	HTHD-25	135
HAR-50	HTHD-50~75	135
HAR-100	HTHD-100~150	185
HAR-200	HTHD-200~600	220
HAR-800	HTHD-800~1000	220



HAR-50

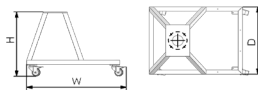
Ground frame

When the dryer is placed on ground, it can be installed on ground frame which has casters for easy movement. It is suitable for factories with insufficient height and is convenient to adapt with machine desk.

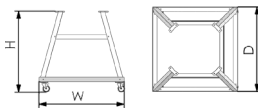
Model	Applicable model	Dimension (H×W×D)(mm)
GF-50	HTHD-12~75	537×850×520
GF-100	HTHD-100~150	587×970×720
GF-200	HTHD-200	652×1240×840
GF-300	HTHD-300	775×1000×1000
GF-400	HTHD-400	1150×1200×1200
GF-600	HTHD-600	1255×1300×1300



GF-400



GF-50-200



GF-300-1000

Suction box

The dryer is used together with suction machine when it is installed on the bracket, reducing manpower and improving efficiency.

Model	Applicable model	Diameter of pipe (Inch)
HSB-38S	HTHD-25~1000	1.5"
HSB-38D	HTHD-25~1000	1.5"×2
HSB-50S	HTHD-25~1000	2"
HSB-50D	HTHD-25~1000	2"×2

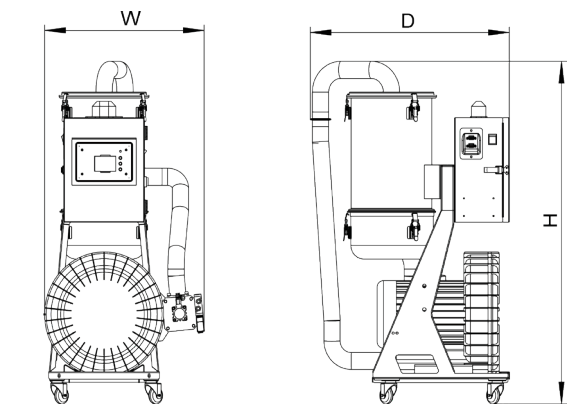


HSB-38S

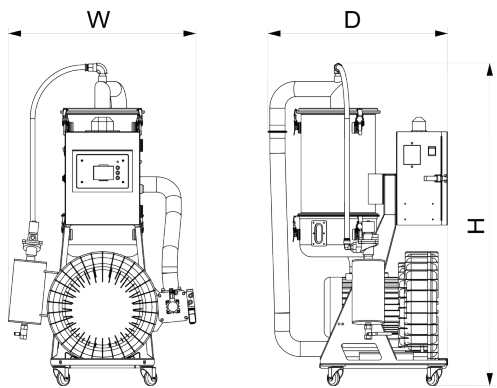
Suction and conveying

Vacuum Loader

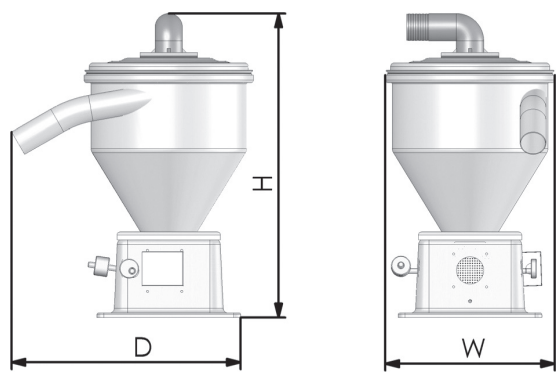
HTAL-1.5P HUL/W



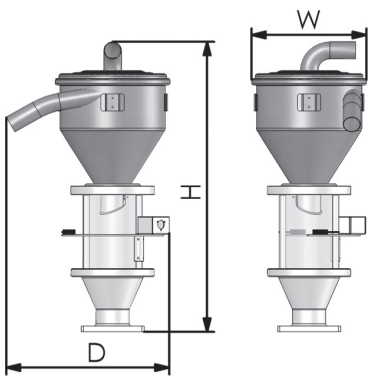
HTAL - XXP HUL



HTAL - XXP UL



MH mechanical hopper outline drawing



PH Photo sensor hopper View

Specification

Model	HTAL-	1.5P HUL/W	1.5P-D HUL/W	2.5P HUL/W	2.5P-D HUL/W	5P UL/W	10P UL/W
Motor type	Induction type						
Motor power	kW	1.1	1.1	1.8	1.8	4.0	7.5
Power supply	V	AC380V 3P/N/PE 50/60Hz					
Rated current	A	2.18	2.18	3.58	3.58	7.94	14.90
Conveying capacity	kg/hr	450	450	550	550	700	1400
hopper		MH 7.5L	MH 7.5L×1	MH 12L	MH 12L×1	MH 24L	MH 36L
			PH 7.5L×1		PH 12L×1		
Feeding pipe / air pipe	Inch	1.5/1.5	1.5/1.5	1.5/1.5	1.5/1.5	2.0/2.0	2.0/2.5
Weight	kg	53	60	60	67	80	112

Dimensions							
H	mm	1010	1010	1010	1010	1160	1360
W	mm	370	490	370	490	490	550
D	mm	620	620	620	620	600	750

Note: If dual model, change P to P-D,equipped with additional one set of PH type loader with same volume; ② UL indicates automatic spray cleaning for dust removal of the filter element.

Items		Mechanical hopper				Photo sensor hopper		
Model		MH 7.5L	MH 12L	MH 24L	MH 36L	PH 7.5L	PH 12L	PH 24L
H	mm	450	545	740	940	660	745	940
W	mm	330	320	320	320	330	320	320
D	mm	345	385	385	385	345	385	385

Metering and color mixing

Volumetric Screw Doser

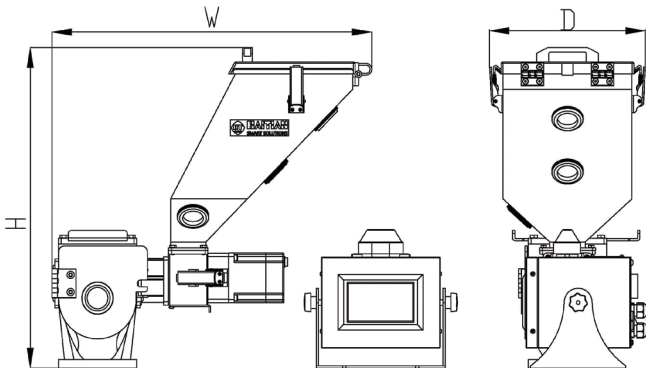
HTCM-A10/W



Specification

Model	HTCM-	A5/W	A10/W	A15/W	A20/W	A30/W	AX/AX/W
Metering motor power	kW			0.2			0.2×2
Metering motor rotation speed	rpm			1-200			
Outer diameter of screw	mm	5	10	15	20	30	
Max. output	kg/hr	0.2-10	0.5-16	1-26	1.5-34	3.6-88	Refer to left
Color hopper	Ltr			10			
Intermediate hopper	Ltr			MIH18/24 (Optional)			
Mixing motor power	kW			0.09 (Optional)			
power supply	V			AC220V 1P/N/PE 50/60Hz			
Rated current	A			1.19			2.38
Mixing chamber capacity	Ltr			3/ 6/12/24/48L Optional			

Dimensions			
H	mm	551/711 (With mixer)	
W	mm	582	984
D	mm	278/459 (With mixer)	
Weight	kg	23/35	
			34/46



Metering and color mixing

Gravimetric Blender

HTGB-5/W



Specification

Model		HTGB-1/W			HTGB-2/W						HTGB-5/W					
Group number		2	3	4	2	3	4	5	6		2	3	4	5	6	
Max. output	kg/hr	130	110	90	260	230	210	205	195		840	740	670	650	600	
Hopper capacity	Ltr		17				33						33			
Batch weight	kg		1				2						5			
Weight bin capacity	Ltr		4				6						10			
Mixing motor power	kW		0.12				0.37						0.37			
Power supply	V						AC380V 3P/PE 50/60Hz									
Full load current	A		0.24				0.73						0.73			
Mixing chamber capacity	Ltr		6				15						15			

Model		HTGB-10/W					
Group number		2	3	4	5	6	
Max. output	kg/hr	1860	1625	1440	1310	1190	
Hopper capacity	Ltr			52/70(Medium)			
Batch weight	kg			10			
Weight bin capacity	Ltr			24			
Mixing motor power	kW			0.55			
Power supply	V			AC380V 3P/PE 50/60Hz			
Full load current	A			1.09			
Mixing chamber capacity	Ltr			35			

Dimensions		HTGB-1/W	HTGB-2/W	HTGB-5/W	HTGB-10/W
H	mm	920	1180	1280	2600
W	mm	647	843	843	1370
D	mm	697	892	892	1340
Weight	kg	50-60	65-85	75-95	135-155

Metering and color mixing

Plastics Mixer

HTHS-100/W



Crushing recovery

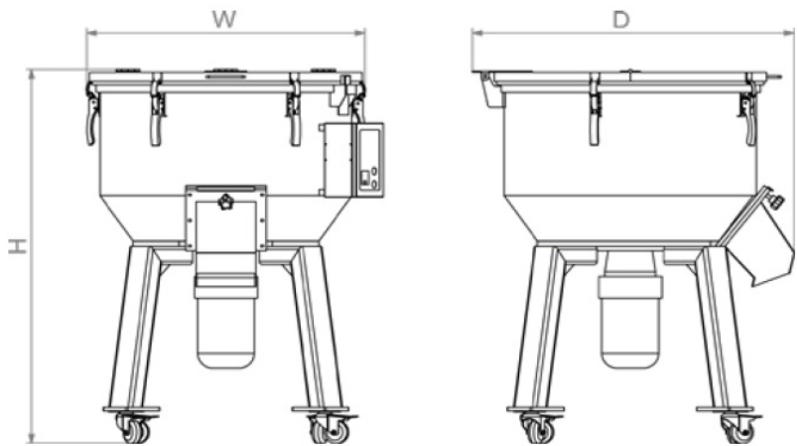
Plastics Crusher Slow Speed

HTGS 320/W



Specification

Model	HTHS	50/W	100/W	150/W	200/W
Type	kW	Vertical			
Motor power	kW	1.5	3	4	5.5
Mixing amount	kg/min	50/3	100/3	150/4	200/4
Power supply	V	AC380V 3P/N/PE 50Hz			
Rated Current	A	2.98	5.96	7.94	10.92
Dimension (HxWxD)	mm	1050x710x790	1240x880x990	1360x1010x1180	1490x1170x1240
Weight	kg	110	166	240	268

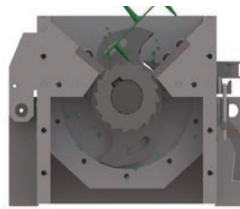


HTHS View

Specification

Model	HTGS	260/W	320/W	420/W	480/W
Motor power	kW	1.1	1.5	2.2	3.7
rotation speed	rpm	24	24	24	24
Claw blade	Pcs	2	2	3	3
Teeth blade	Pcs	3	3	4	4
Crushing capacity	kg/hr	10~40	20~50	25~60	30~80
Crushing chamber dimension	mm	250×260	320×320	320×420	390×480
Power supply	V	AC380V 3P/N/PE 50Hz			
Full load current	A	2.18	2.98	4.37	7.35
Weight	kg	205	275	320	530

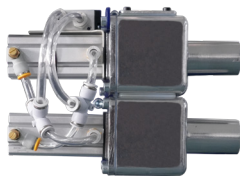
Dimensions					
H	mm	1293	1328	1352	1510
H1	mm	1659	1788	1944	2140
W	mm	432	480	480	610
D	mm	960	1061	1170	1360
d1	mm	1399	1588	1699	2000



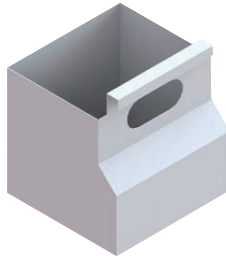
No screen, no leakage cutting, good granularity, little powder



Low-speed rolling teeth crusher, flange with dust-proof strip



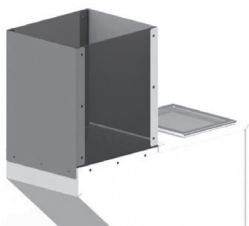
Crusher proportional valve (optional)



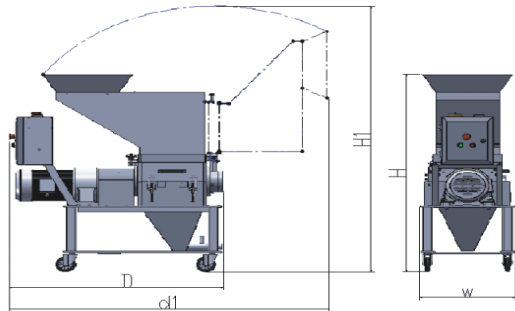
Manual collection box (optional)



Inlet with magnet (optional)



ouble-layer damping soundproof material (optional high port)



HTGS View

Crushing recover

Plastics Crusher Medium Speed

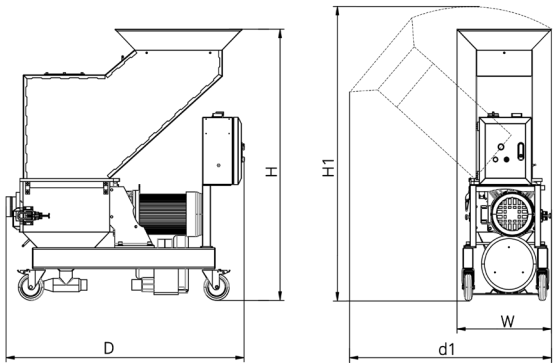
HTGM270-290/W



Specification

Model	HTGM	230-270/W	270-290/W	370-310/W	270-430/W
Motor power	kW	2.2	2.2	3.7	3.7
rotation speed	rpm	143	143	143	143
Rotor blade quantity	Pcs	24	30	39	45
Fix blade quantity	Pcs	2	2	2	2
Crushing capacity	kg/hr	20~40	25~45	30~60	40~70
Feed inlet size	mm	270×310	270×310	310×430	270×430
Crushing rotor size	mm	275×236	275×291	315×375	275×430
Screen mesh size	mm	Φ6	Φ6	Φ6	Φ6
Power supply	V	AC380V 3P/N/PE 50Hz			
Full load current	A	4.37	4.37	7.35	7.35
Weight	kg	177	197	250	245

Dimensions					
H	mm	1142	1142	1300	1294
H1	mm	1270	1266	1422	1395
W	mm	467	467	507	467
D	mm	875	930	1070	1125
d1	mm	917	895	1056	1016



HTGM View

Crushing recovery

Central Granulator

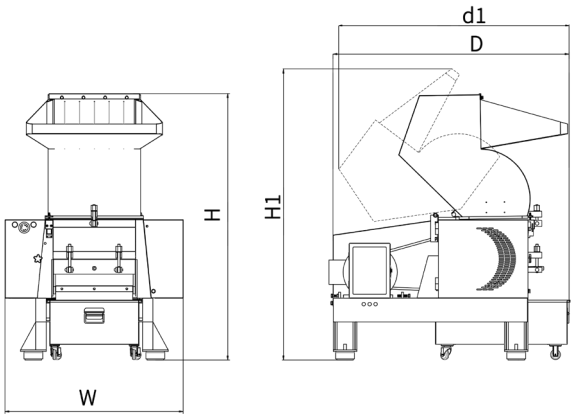
HTSS400/W



Specification

Model	HTSS	230/W	300/W	400/W	500/W	600/W	800/W
Motor power	kW	4	5.5	7.5	11	15	22
Rotation speed	rpm	640	670	650	650	580	560
Rotor blade quantity	- A Pcs	1	2	2	3	3	3
	- B Pcs	2	3	3	4	4	4
Fixed blade quantity	Pcs	8	12	16	20	20	20
Crushing capacity	kg/hr	100~200	200~300	350~500	400~580	450~600	600~800
Feed inlet size	mm	160×230	210×300	250×400	250×500	310×600	420×800
Crushing rotor size	mm	Φ205×230	Φ220×300	Φ250×400	Φ250×500	Φ330×600	Φ415×800
Screw mesh size	mm	Φ8	Φ10	Φ10	Φ10	Φ12	Φ12
Power supply	V	AC380V 3P/N/PE 50Hz					
Full load current	A	7.94	10.92	14.90	21.85	29.79	43.69
Weight	kg	280	390	490	590	980	1770

Dimensions							
H	mm	1060	1200	1350	1420	1680	1980
H1	mm	1290	1280	1470	1490	1810	2150
H2	mm	970	1070	1190	1240	1490	1730
W	mm	650	800	910	1010	1160	1440
D	mm	960	1060	1220	1280	1370	1730
d1	mm	790	920	1170	1230	1240	1730



HTSS230~800 View

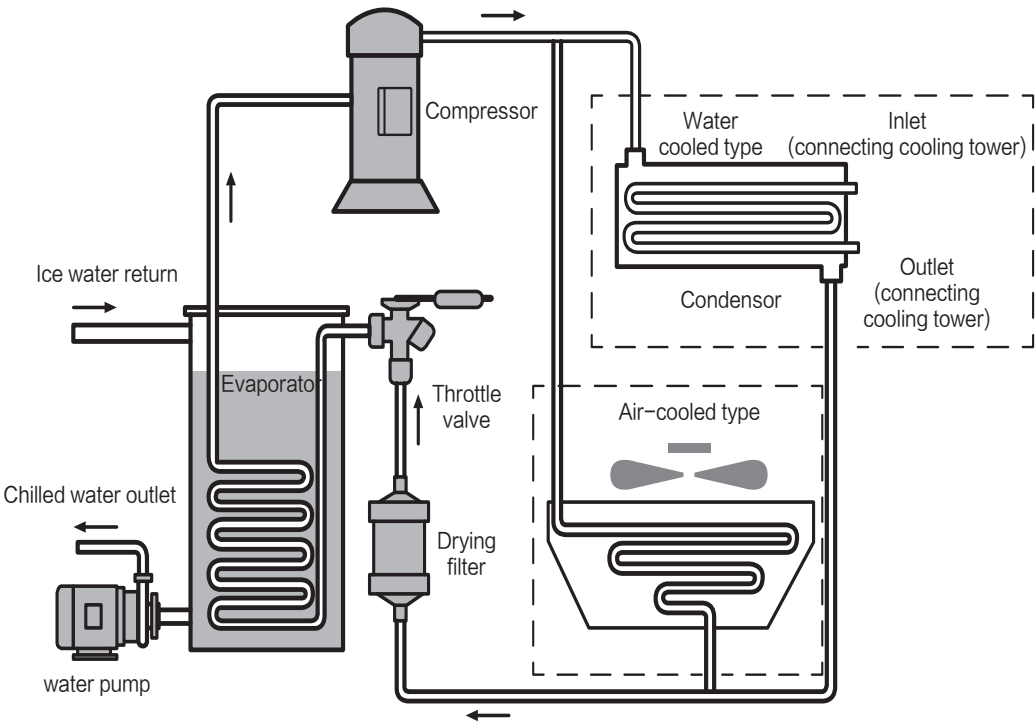
Mold temperature control

Industrial Chiller

HTC-20XA/W



Industrial chiller carbinet schematic diagram



Coil evaporator
HTC-XX XA
HTC-XX XW

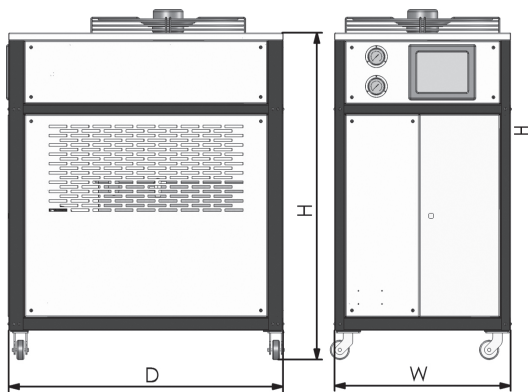


Shell and tube exchange evaporator
HTC-XX XA
HTC-XX XW

Mold temperature control

Industrial Chiller

Air-cooled Industrial Chiller unit

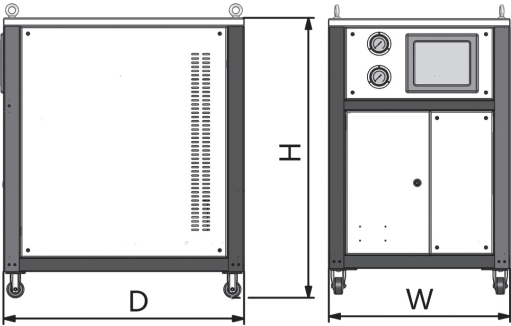


Specification Air-cooled industrial chiller carbinet

Model	HTC-	05XA/W	10XA/W	12.5XA/W	15XA/W	20XA/W	25XA/W	30XA/W	40XA/W	50XA/W
Cooling capacity	kW	15.2	31.9	37.7	38	63.8	75.4	76	108.5	150.8
	Kcal/h	13072	27434	32422	32680	54868	64844	65360	93310	129688
Compressor power	kW	4.1	8.25	9.9	12.21	2*8.25	2*9.9	2*12.21	8.09+2*12.21	4*9.9
Freezing media						R407C				
Evaporator type						Immersive water tank type				
Air-cooled condenser type						Finned condenser				
Cooled fan power	kW	0.47	2*0.47	2*0.67	2*0.76	2*1.92	2*1.1	2*1.5	3*1.5	4*1.5
Water pump power	kW	0.55	0.75	1	1	1.85	1.85	2.6	2.6	4
Water pump flow	L/min	50	80	130	130	200	330	330	500	660
Tank volume	L	28	52	209	209	174	250	250	320	450
Chilled water pipe diameter	Inch	1	1.5	2	2	2	2	2	2	2.5
Power supply	V					AC380V 3P/PE 50Hz				
Total power	kW	5.12	9.94	12.24	14.73	22.19	23.85	29.62	39.61	49.6
Full load current	A	10.17	19.74	24.31	29.26	44.07	47.37	58.83	78.67	98.51
Dimensions (H*W*D)	mm	1309*734*1323	1255*734*1612	1521*902*1781.5	1530*902*1781.5	1790*1204*2902.5	1790*1204*2902.5	1790*1204*2902.5	1942*1300*3462	1970*1416*3996
Weight	kg	305	410	510	550	765	790	830	1390	1990

notes: The cooling capacity is obtained based on following conditions:
Chilled water outlet temperature 15℃ , Air temperature 35℃ .

Water-cooled Industrial Chiller unit



Specification Water-cooled industrial chiller carbinet

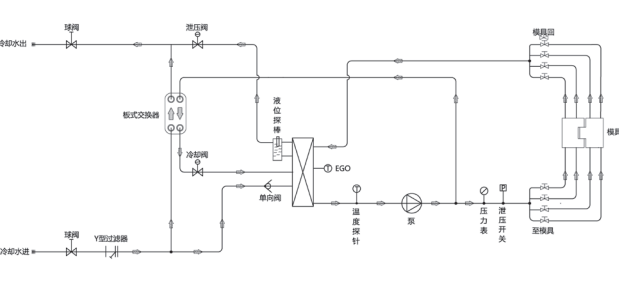
Model	HTC-	05XW/W	10XW/W	12.5XW/W	15XW/W	20XW/W	25XW/W	30XW/W	40XW/W	50XW/W
Cooling capacity	kW	17.1	35.8	42.2	43	71.6	84.4	86	121	169.6
	Kcal/h	14706	30788	36292	36980	61576	72584	73960	104060	145856
Compressor power	kW	3.3	6.65	8.05	9.5	2*6.65	2*8.05	2*9.5	6.7+2*9.5	4*8.05
Freezing media						R407C				
Evaporator type						Immersive water tank type				
Water-cooled condenser type						Shell and tube evaporator				
Cooling water volume	L/min	65	100	130	160	2*220	2*270	2*330	3*480	4*600
Water pump power	kW	0.55	0.75	1	1	1.85	1.85	2.6	2.6	4
Water pump flow	L/min	50	80	130	130	200	200	300	300	533
Tank volume	L	28	52	208	208	194	194	194	534	510
Cooling water pipe diameter	Inch	1	1.5	2	2	2	2	2.5	2.5	2.5
Chilled water pipe diameter	Inch	1.5	2	2	2.5	2.5	2.5	2.5	2.5	2*2.5
Power supply	V					AC380V 3P/PE 50Hz				
Total power	kW	3.85	7.4	9.05	10.5	15.15	17.95	21.6	28.3	36.2
Full load current	A	7.65	14.70	17.97	20.85	30.09	35.65	42.90	56.21	71.90
Dimensions (H*W*D)	mm	871*604*1083	1200*830*950	1104*864*1471	1104*864*1471	1448*1056*2235	1448*1056*2235	1448*1056*2235	1760*1100*2872	1760*1100*2872
Weight	kg	180	280	370	435	740	700	740	1140	1690

Notes: The cooling capacity is obtained based on following conditions:
Chilled water outlet temperature 15℃ , Cooling water temperature 30℃ .

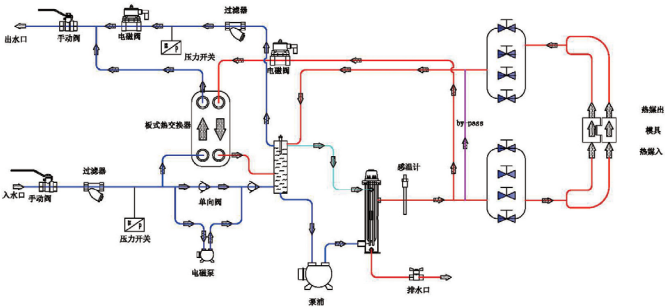
Mold temperature control

Mold Temperature Controller Water type

HTMC-9WG/W



HTMC-WG Schematic diagram



HTMC-WP Schematic diagram

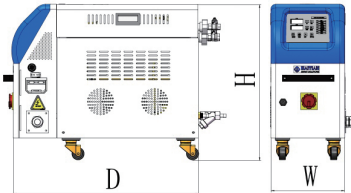
Specification

Model	HTMC-	6WG/W	9WG/W	12WG/W	24WG/W	6WG-D/W	9WG-D/W	12WG-D/W	24WG-D/W
Temperature range	C	50 ~ 120							
Media		water							
Heater	kW	6	9	12	12x2	6x2	9x2	12x2	12x4
Cooling mode		indirect cooling							
Pump	kW	0.55	0.75	1.5	2.2	0.55x2	0.75x2	1.5x2	2.2x2
Max. flow	Ltr/min	24/26	40/50	70/80	120/130	24/26x2	40/50x2	70/80x2	120/130x2
Max. pressure	kg/cm²	2.6/3.6	3.5/4.5	3.5/4.5	4.5/6	2.6/3.6x2	3.5/4.5x2	3.5/4.5x2	4.5/6x2
Media pipe	Inch	PT 3/8"							
	set	2 in 2 out		4 in 4 out	8 in 8 out	2 in 2 out x2		4 in 4 out x2	8 in 8 out x2
Power supply	V	AC380V 3P/PE 50/60Hz							
Total power	kW	6.55	9.75	13.5	26.2	13.1	19.5	25.5	52.4
Full load current	A	10.21	15.16	21.21	40.83	20.42	28.84	42.42	81.67
Dimensions(HxWxD)	mm	597*300*767	700*300*851		825*350*940	712*595*852		800*695*825	
Weight	kg	60	62	66	109	102	106	122	130

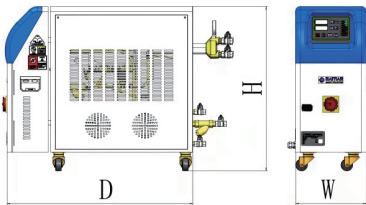
Model	HTMC-	9WP/W	12WP/W	24WP/W	9WP-D/W	12WP-D/W
Temperature range	C	50 ~ 140				
Media		water				
Heater	kW	9	12	12×2	9×2	12×2
Cooling mode		indirect cooling				
Pump	kW	0.75	1.5	2.2	0.75×2	1.5×2
Max.flow	Ltr/min	40/50	70/80	120/130	40/50×2	70/80×2
Max.pressure	kg/cm²	3.5/4.5	3.5/4.5	4.5/6	3.5/4.5×2	3.5/4.5×2
Media pipe	Inch	PT 3/8"				
	set	4 in 4 out		8 in 8 out	4 in 4 out×2	
Power supply	V	AC380V 3P/PE 50/60Hz				
Total power	kW	9.75	13.5	26.2	19.5	27
Full load current	A	15.16	21.21	40.83	30.33	39.44
Dimensions(HxWxD)	mm	700*300*851		800*350*946	700*595*847	
Weight	kg	68	70	111	102	122

Model	HTMC-	9WT/W	12WT/W	24WT/W
Temperature range	C	50 ~ 180		
Media		water		
Heater	kW	9	12	24
Cooling mode		indirect cooling		
Pump	kW	0.75	1.5	2.2
Max.flow	Ltr/min	40/50	70/80	70/80
Max.pressure	kg/cm ²	4/5	4.5/6	6/8
Media pipe	Inch	PT 3/8"		
	set	4 in 4 out		8 in 8 out
Power supply	V	AC380V 3P/PE 50/60Hz		
Total power	kW	9.75	13.5	26.2
Full load current	A	15.16	21.21	40.83
Dimensions(HxWxD)	mm	700*300*851	800*350*946	800*350*946
Weight	kg	70	76	111

Note: ① WP:High temperature type, D means Two-stage heater;
② Pump testing standard: Transport of purified water at normal speed at 20℃ (There is ±10% deviation for both pump head and flow rate,±10% of performance deviation).



HTMC-WG View



HTMC-WP View

Mold temperature control

Mold Temperature Controller Oil type

HTMC-9H/W

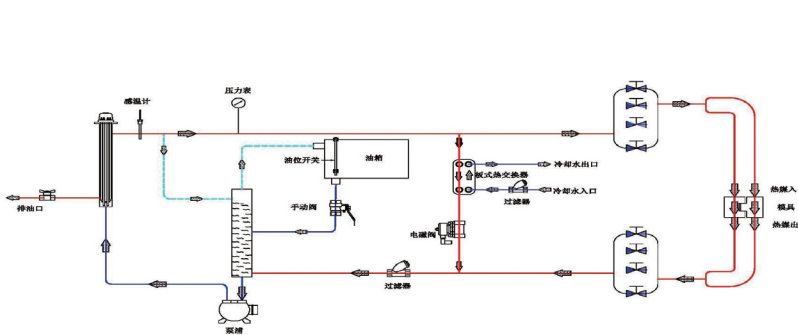


Specification

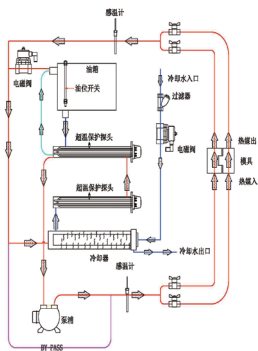
Model	HTMC-	6H/W	9H/W	12H/W	24H/W	6H-D/W	9H-D/W	12H-D/W	24H-D/W
Temperature range	C	50 ~ 180							
Media		oil							
Heater	kW	6	9	12	12x2	6x2	9x2	12x2	12x4
Cooling mode		inirect cooling							
Pump	kW	0.55	0.75	1.5	2.2	0.55*2	0.75x2	1.5x2	2.2x2
Max. flow	Ltr/min	19/20	30/40	55/65	90/100	19/20x2	30/40x2	55/65x2	90/100x2
Max. pressure	kg/cm²	2/2.8	2.8/3.8	3/4	3.5/5	2/2.8x2	2.8/3.8x2	3/4x2	3.5/5x2
Media pipe	Inch	PT 3/8"							
	set	2 in 2 out		4 in 4 out	8 in 8 out	2 in 2 out x2		4 in 4 out x2	8 in 8 out x2
Power supply	V	AC380V 3P/PE 50/60Hz							
Total power	kW	6.55	9.75	13.5	26.2	13.1	19.5	27	52.4
Full load current	A	9.85	15.16	21.21	40.83	19.70	30.33	42.42	81.67
Dimensions(HxWxD)	mm	688*300*788			812*350*775	700*596*812			819*706*819
Weight	kg	50	55	65	80	100	110	115	140

Model	HTMC-	9HT/W	12HT/W
Temperature range	C	100~300	
Media		oil	
Heater	kW	9	12
Cooling mode		indirect cooling	
Pump	kW	0.75	1.5
Max.flow	Ltr/min	30/40	50/60
Max.pressure	kg/cm²	3/4	4/5
Media pipe	Inch	PT 3/8"	
	set	4 in 4 out	
Power supply	V	AC380V 3P/PE 50/60Hz	
Total power	kW	9.75	13.5
Full load current	A	15.16	21.21
Dimensions(HxWxD)	mm	803*350*805	
Weight	kg	55	60

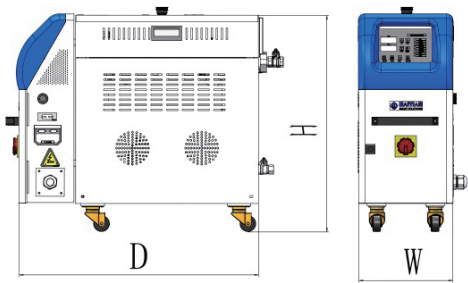
Note: ① HT:High temperature type, D means Two-stage heater;
② Pump testing standard: Transport of purified water at normal speed at 20℃ (There is ±10% deviation for both pump head and flow rate,±10% of performance deviation).



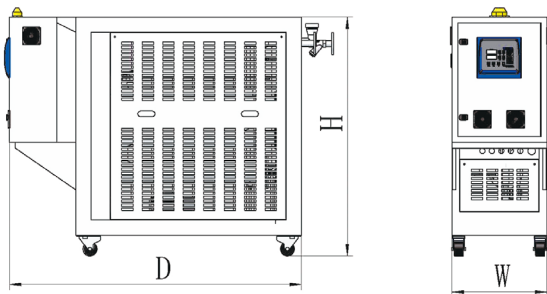
HTMC-H Schematic diagram



HTMC-HT Schematic diagram



HTMC-H View



HTMC-HT View

HDC Mold Monitor

Model	HDC-B500/W
Screen	13.3" / Full Touchscreen
CPU Model	Rockchip 3399
CPU Frequency	6 cores 2.3GHz
RAM	DDR 4GB
Hard Disk	SSD MMC-32G
Operating System	64 bit Linux (Embedded System)
Graphics Card	ARM Integrated
Power supply	AC220V 1P/PE 50/60Hz
Camera	2 million pixels (Network port camera)
Resolution	1920×1080
Frame Rate	30
Sensor	Sony IMX290LQR-C
Communication	Using RJ45 with POE gigabit ethernet interface, strong anti-interference capability

NOTE:

Handwriting practice lines for the left page. The page contains 20 horizontal dashed lines for writing practice.

NOTE:

Handwriting practice lines for the right page. The page contains 20 horizontal dashed lines for writing practice.