



Batch Mixer

- Double layer stainless steel, vertical design fast and even stirring.
- Directly driven by the motor and high stirring efficiency.
- Automatic stop device, automatic stop in 0-30 minutes can be set.
- Multi safety protection device to ensure the operator safety.



Technical Specifications

MODEL	Power(Kw)	Mixing capacity(Kg)	External Size(W)	Weight(Kg)
TTM SSB-50	1.5	50	830*830*1120	130
TTM SSB-100	3	100	1000*1000*1280	190
TTM SSB-150	4	150	1130*1130*1380	250
TTM SSM-100	0.55	100	950*950*1380	190
TTM SSM-500	2.2	500	1450*1100*2500	500
TTM SST-50	1.5	50	830*830*1120	130

Central Conveying System

Need of Central Conveying System

As processors grow, they usually find that having multiple loaders drawing material from multiple day bins to multiple drying hoppers starts to clog the production area. It also requires material handlers and space to run forklifts. Production space should be used for production.



Cooling Tower

TTM cooling towers from 10 to 2000 tons and fiberglass units from 20 to 300 tons. Equipment, chemicals, and testing programs offered. Cooling towers, water reservoir and pumping systems, water filtration and treatment equipment available.

Its Benefits:

- Corrosion Resistance
- Environmentally Safe
- Non Conductivity
- Light Weight
- Ease of Maintenance
- Modular Evaporation Panel
- Consistent of Structural
- Low life Cycle Cost



Cooling Towers

Model No	Capacity (TON)	Pump Motor (KW)	Model No	Capacity (TON)	Pump Motor (KW)
TTM-10	10	0.5	TTM-80	80	3
TTM-15	15	0.5	TTM-100	100	3
TTM-20	20	1	TTM-125	125	5
TTM-25	25	1.5	TTM-150	150	5
TTM-30	30	2	TTM-175	175	7.5
TTM-40	40	2	TTM-200	200	7.5
TTM-50	50	2	TTM-250	250	10
TTM-60	60	2	TTM-300	300	10



Dosing Units

Products include digital dosing systems, volumetric additive feeders, and a variety of batch and continuous gravimetric blenders.

Volumetric Dosing

- Step by step motor for a wide range of production from 0.08kg/hr. to 15kg/hr. with same screw
- Easy mounting system to move very fast the unit from one machine to another
- Noise level(<60db)
- Memory to record 50 recipes for the future use.



All Metal Separator



All Metal Separator detects and removes even the smallest magnetic and non-magnetic metal particles from regranulates, virgin material and other bulk materials.

- Reduces production downtimes and damage to machinery
- Reduces costs and increases productivity
- Ensures metal-free bulk materials

Our RAPID Compact metal separators remove magnetic and nonmagnetic metal

Hot Runner Controller

TTM-IBS is the absolute reference for modular and multi-zone Hot Runner temperature controllers, earning a reputation for innovation, robustness, and quality over the past 10 years. In order to help our customers make great progress in production management and production efficiency, we have several different series, which are all super-quality, reasonable price and enthusiastic service. By now, we have done business with many



Conveyors



TTM provides conveyors for various applications like finish product transmission, runner separators, packaging etc.
*Conveyors are customized according to the customers requirements.

Spares & Accessories

Electronic Controllers- Fuji, Omron, Gefran, Etc Screw & Barrel Assembly- As Per Customer Requirement. We Have Ready Stock Of Ring Plungers Available. Electrical Components- Thermocouples, Thermostats, Heaters Available Ex-stock Consumables- Filters Can Be Provided



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TECHNOLOGY TOOLS & MACHINE AND Co.



Injection Moulding

Blow Moulding

In Line System

Extrusion

Compounding

One Stop Solution For Plastic Industry



Hot Air Dryer

TTM's energy efficient hot air dryers cover a performance range from 15 to 2000 kg. The dryers can be mounted directly on the throat of the processing machine or on a support frame beside the machine. All models have a micro-processor controlled temperature regulator and are equipped with a safety thermostat to prevent overheating of materials. The use of corrosion resistant materials ensures a long lifetime and avoids contamination of the plastic granules.



Hot Air Dryer: Technical Specifications

Model	Capacity (kg)	(kw) Heater Power	(w) Blower Power	External Dimensions (L*W*H)	Seat Dimensions (K*K*J)	Adaptable Injection (g)	Weight (kg)
TTM SHD-15	15	2.7	120	660*360*800	120*120*50	30-60	28
TTM SHD-25	25	3.2	120	725*405*950	150*150*60	30-60	38
TTM SHD-50	50	4.2	180	840*490*1070	160*160*75	125-500	75
TTM SHD-75	75	5	180	900*550*1175	160*160*75	500-1000	85
TTM SHD-100	100	7	250	955*605*1410	200*200*90	1000-1500	95
TTM SHD-150	150	9	250	960*610*1560	200*200*90	1500-2000	120
TTM SHD-200	200	12	400	1230*770*1660	230*240*105	2000-2500	150
TTM SHD-250	250	14.5	400	1235*775*1790	230*240*105	2500-3000	170
TTM SHD-300	300	14.5	400	1335*870*1810	230*230*110	3000-4000	200
TTM SHD-400	400	18	500	1360*915*1870	280*280*120	4000-6000	225
TTM SHD-600	600	24	800	1360*950*2080	280*280*135	6000-8000	250
TTM SHD-800	800	30	1100	1380*1150*2250	280*280*135	8000-10000	300
TTM SHD-1000	1000	36	3000	1400*1200*2600	280*280*135	8000-12000	360

Dehumidifier Air Dryer

TTM Desiccant wheel dryers offer these advantages over dual bed and carousel dryers :

- Lower energy usage
- Less metallic surface to heat
- Compact pure crystalline desiccant
- Up to 25% less footprint
- No spikes or deviations in temperature or dew point because there is no "Bed-Changing"
- Less maintenance



DEHUMDIFIER DRYER: Technical Specifications

Model No	Capacity (Kg)	Heater Power (KW)	Blower Power (W)	External Dimensions (L*W*H)	Weight (Kg)
TTM SHD-40	25	4.2	120	620*680*1085	50
TTM SHD-80	50	4.2	120	650*780*1310	60
TTM SHD-120	75	4.2	120	680*790*1430	65
TTM SHD-160	100	7	150	740*970*1560	70
TTM SHD-230	150	7	155	770*1020*1730	80
TTM SHD-300	200	12	380	920*1120*1980	100
TTM SHD-380	250	12	380	950*1170*2080	130
TTM SHD-460	300	14.5	400	1120*1010*2120	160
TTM SHD-600	400	18	550	850*1400*2300	200
TTM SHD-700	500	18	550	990*950*2100	230
TTM SHD-800	600	24	750	990*950*2290	250
TTM SHD-1000	700	30	750	1100*1050*2300	320
TTM SHD-1100	800	30	1100	1100*1050*2500	370
TTM SHD-1500	1000	36	1100	1145*1100*2700	490
TTM SHD-1700	1200	40	1500	1200*1250*3100	550
TTM SHD-2000	1500	45	2200	1200*1360*3330	600
TTM SHD-2800	2000	50	2200	1385*1360*3330	700
TTM SHD-3500	2500	50	4000	1400*1360*4170	800
TTM SHD-4000	3000	54	4000	1500*1460*4170	880



Granulator

Designed to crushing various material, re-use and semi-finished products made of plastic and rubber materials such as PVC, PC, HIPS, Nylon, ABS, HDPE, PET, etc.



SLOW SPEED GRANULATOR : Technical Specifications

Model	Chamber Calibre (mm)	Crush Capacity (Kg/H)	Rotating /Fixed Blade(Pcs)	Rotational Speed	Motor(Kw)	Blower	External Dimensions (L*W*H)	Weight (kg)
TTM SG-2416	240*160	15-30	ROTAR TYPE	28	1.5	0.55	1020*400*1400	110
TTM SG-2425	240*250	30-50	ROTAR TYPE	28	1.5	0.55	1020*400*1400	120
TTM SG-2838	280*380	50-80	/	28	2.2	0.55	1020*500*1400	180
TTM SG-4140	410*400	80-100	/	28	3	0.55	1400*550*1500	250

MEDIUM SPEED GRANULATOR : Technical Specifications

Model	Chamber Calibre (mm)	Crush Capacity (Kg/H)	Rotating /Fixed Blade (Pcs)	Rotational Speed	Motor (Kw)	External Dimensions (L*W*H)	Weight (kg)
TTM SG-180FET	190*220	30-50	9/2	358	1.5	1020*400*11 15	120
TTM SG-240FET	250*220	50-80	12/2	358	1.5	1020*400*11 15	160
TTM SG-300FET	310*270	50-100	15/2	358	2.2	1100*500*1200	200
TTM SG-420FET	430*270	80-150	22/2	358	2.2	1250*850*1400	380

HIGH SPEED GRANULATOR : Technical Specifications

Model	Chamber Caliber (mm)	Crush Capacity (Kg/h)	Rotating Blade (Pcs)	Fixed Blade (Pcs)	Motor (Kw)	Extern al Dimensions (L*W*H)	Weight (kg)
TTM SG-230F	200*230	100-150	3*2	2*1	4	920*610*1050	250
TTM SG-300F	200*300	150-200	3*3	2*1	5.5	950*470*1190	400
TTM SG-400F	235*400	200-250	3*4	2*1	7.5	980*840*1300	500
TTM SG-500F	290*500	300-350	3*5	2*2	11	1100*1020*1530	950
TTM SG-600F	320*600	350-450	3*6	2*2	15	1200*1110*1690	1300
TTM SG-800F	540*810	450-600	3*4	2*2	22	2200*1500*2300	2100
TTM SG-1000F	660*1000	600-1000	3*5	2*3	30	2300*1750*2650	2500
TTM SG-1200F	800*1200	800-1200	3*6	2*3	45	2700*2100*3100	3500

Temperature Control Unit

TSM offers Water and oil circulating temperature control system for standard and high-temperature applications to 250 C. Line of compact temperature control units with 6, 9, 12 and 18 kW heaters and pumps from 0.75 to 5 hp. Many models feature simplified internal cast or nonferrous fluid circuit with 20% fewer connections and 40% fewer mechanical parts than conventional designs.

Mould Temperature Controller: Technical Specifications

Model	Max Temp °C	Heat (kw)	Pump (kw)	Flux L/min	Heating Medium	Cooling Mode	Mold Tie (Inch)	External Dimensions (L*W*H)	Weight (kg)
TTM STC-6W	95	6	0.75	60	Water	Direct	3/8*2*2	780*260*650	65
TTM STC-12W	95	12	1.5	100	Water		3/8*6*2	780*260*650	70
TTM STC-18W	95	9*2	1.5	200	Water		3/8*6*2	900*400*810	100
TTM STC-6	160	6	0.37	45	Oil	Indirect	3/8*2*2	780*260*650	70
TTM STC-9	160	6	0.75	60	Oil		3/8*4*2	780*260*650	73
TTM STC-12	160	12	1.5	100	Oil		3/8*6*2	780*260*650	75
TTM STC-18	160	9*2	1.5	200	Oil		3/8*6*2	900*400*810	110
TTM STC-9 (H)	200	9	0.75	60	Oil		3/8*2*2	780*260*650	70



Auto Loaders

- High Speed Commutator Motor.
- Micro Computer Control to accurate start and stop.
- Electronic action detector and low fault rate.
- For conveying Wide variety of Polymer.
- Conveying Capacity from 250Kg/Hr. to 1000Kg/Hr.
- Three phase motors for long service life.



Auto-Loader : Technical Specifications

Model		Motor (kw)	Conveying Capacity (kg/hr)	Conveying Height(m)	Material Hopper Volume(L)	Conveying Tube Calibre (mm)	External Dimensions (cm)	Weight (kg)	
TTM SAL-300C-Single Phase		1	250	4.5	6	38	360*260*500	10	
TTM SAL-400-3 Phase		0.75	350	4.5	12	38	400*300*500	25	
Model	Motor (kw)	Conveying Capacity (kg/hr)	Conveying Height (m)	Material Hopper Volume(L)	Conveying Tube Calibre(mm)	External Dimensions		(kg) Weight	
						Controller (L*W*H)	Material Hopper (L*W*H)	Controller	Material Hopper
TTM SAL-800G1	1.1	350	4.5	6	38	450*380*600	360*260*430	45	6
TTM SAL-800G2	1.5	400	5	6	38	450*380*600	400*260*430	50	10
TTM SAL-3HP	2.2	550	7	6	38	450*380*800	400*260*750	60	12
TTM SAL-5HP	3.7	700	8	12	51	450*380*800	400*350*750	75	20
TTM SAL-2HP-F	1.5	250X2	5	6LX2	38	450*380*600	400*260*430	55	8*2
TTM SAL-3HP-F	2.2	400X2	7	6LX2	38	450*380*800	400*260*750	65	12*2

Chillers

TTM Offers Air cooled & water cooled chillers for plastic industry. We offer choice of both screw & scroll technology and are using environmental friendly refrigerants.



TTM AIR COOLED CHILLER SPECIFICATIONS

Model		SL-3A	SL-5A	SL-10A	SL-15A	SL-20A	SL-30A	SL-40A	SL-50A	SL-60A
Refrigeration capacity	Kw	10	15	30	45	60	90	120	150	180
	Kcal/h	7740	12900	25800	38700	51600	77400	103200	129000	154800
Compressor Inputpower	Kw	2.2	3.7	7.5	11	15	22.5	30	37.5	45
	HP	3	5	10	15	20	30	40	50	60
/Type Refrigerant		R22/A-407								
Filling quantity	Kg	1.5	2.5	5	7.5	10	12	18	30	35
Water tank capacity	L	60	90	180	270	360	---	---	---	---
Evaporator type		Shell and tube								
Freezing water pipe	Inch	1	1	1.5	2	2	3	3	4	4
Freezing water flow rate	L/min	60	90	180	270	270	380	460	550	550
	M³/h	3.6	5.4	11	16	16	23	28	33	33
Type		Axial flow type blower fan								
Fan motor /Power	Kw	0.45	0.45	0.45×2	0.65×2	0.65×2	0.65×4	0.65×4	1.1×2	1.8×4
Safeguard	Protection of high & low pressure, Compressor overload, pump overload					Protection of high & low pressure, compressor overload, pump overload, antifreezing flow rate				
Power		AC3+N+PE50/60Hz								
Dimensions(mm)	L	750	1100	1450	2200	2200	2200	2500	2200	3000
	W	680	680	790	1000	1320	1320	1200	2000	2200
	H	900	1100	1120	2100	2100	2180	2290	2180	2180
Weight	Kg	100	160	300	700	750	1400	1600	2200	2400

TTM WATER COOLED CHILLER SPECIFICATIONS

Model		5W	10W	15W	20W	30W	40W	50W	60WL	70WL	80WL	90WL	100WL	120WL
Refrigeration capacity	Kw	15	30	45	60	90	120	150	180	210	240	270	300	360
	Kcal/h	12900	25800	38700	51600	77400	103200	129000	154800	180600	206400	232200	258000	309600
Compressor Inputpower	Kw	3.7	7.5	11	15	22.5	30	37.5	45	52.5	60	67.5	75	90
	HP	5	10	15	20	30	40	50	60	70	80	90	100	120
Type		R22/A-407												
Refrigerant Filling quantity	Kg	2.5	5	7.5	10	15	20	25	30	35	40	45	50	60
Water tank capacity	L	90	180	270	360	360	---	---	---	---	---	---	---	V
Evaporator type		Shell and Tube												
Freezing water pipe	Inch	0.5	1.5	2.0	2.5	3	3	4	4	4	4	4	4	4
Freezing water flow rate	L/min	90	180	270	270	270	380	460	550	630	730	920	1030	1200
	M³/h	5.4	11	16	16	16	23	28	33	38	44	55	62	72
Condenser Type		Shell type												
Cooling ater pipe	Inch	1	1.5	2	2.5	3	3	4	4	4	4	4	4	4
Cooling water flow rate	L/min	110	210	350	350	350	480	610	710	830	950	1160	1330	1500
	M³/h	7	13	21	21	21	29	37	43	50	57	70	80	90
Safeguard		Protection of high & low pressure, Compressor overload, pump overload					Protection of high & low pressure, compressor overload, pump overload, anti-freezing flow rate							
Power		AC3+N+PE50/60Hz												
Dimensions (mm)	L	840	1550	1660	1800	1950	2180	2190	2260	2870	2870	3000	3020	3020
	W	670	710	820	950	1000	1200	1200	1200	1200	1300	1300	1300	1300
	H	980	1150	1400	1700	1330	1420	1450	1590	1660	1660	1890	1910	1910
Weight	Kg	160	300	460	600	900	1120	1190	1430	1560	1590	2110	2230	2350