

Perfect Structural Design

- The mesh screen in the granulating chamber and the discharging bin are separately designed for easy cleaning.
- Staggered blades design can decentralize working load when granulating.
- Free to tune blade adapter designing, easy access for convenient maintenance.
- Sound insulation design, effectively improved noise interfere of workshop.
- Low rotation, great torque, little dust, durable, easy clean and operation.
- High strength and long life cutter is more suitable to granulate fiber material.

Application

Granulator are applied to smash material that feeded by manual or mechanical arm, cooperate with plastic molding fetching machine to smash and do waste recycling immediately, or euipped with belt conveyer to smash material for using.



Model: EG-300

Specification				
Model	EG-240	EG-300	EG-360	EG-360H
Motor Power (kW)	1.5	2.2	3.0	4.0
Rotating Speed (rpm)	230	230	230	230
Material of Blades(DC53)	SKD11	SKD11	SKD11	SKD11
Blade type	Adjustment-free	Adjustment-free	Adjustment-free	Adjustment-free
Number of Fixed Blades	2	2	2	2
Number of Rotating Blades	12	15	18	18
Feeding size(mm)	180×240	180×300	180×360	180×360
Max. Throughput Capacity (kg/hr)	40	50	60	70
Noise Level dB(A)	80~90	80~90	80~90	80-90
Dia. of Screen Mesh (mm)	Ф6	Ф6	Ф6	Ф6
Recovery system	Option	Option	Option	Option
Full receiver alarm Device	Option	Option	Option	Option
Proportional Valves	Option	Option	Option	Option
Special Screen Mesh(mm)	Option	Option	Option	Option
Manual storage bin	Option	Option	Option	Option
Dimension				
$H(mm) \times W(mm) \times D(mm)$	1280x470x660	1280x530x660	1280x590x660	1280x590x660
Working voltage	3Φ/400V/50Hz	3Φ/400V/50Hz	3Φ/400V/50Hz	3Φ/400V/50Hz
Weight(kg)	180	210	230	260

Notice: We reserve the right to change specification without prior notice. Some parts have been increased or deleted because of the shooting needs, please standard as the actual order

Safety Electrical Devices

It is applied with open, stop and emergency stop buttons and main power switch. Motor overload Protection device, material inlet bin and recycling bin equipped with safety protection switch.



Granulator + Motor Recycle Device

Other Optional Functions:

Cyclone dust collector: can effectively separate the dust and crushing material, good for effectively use of material.

Dust Collector bag: easy to clean and reduce the pollution.

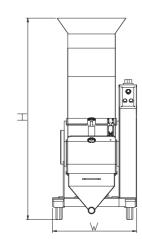
Conveying blower devices: offer material automatically.

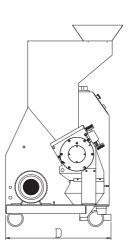
Full material alarm device: when the material reaches to the setting value, the machine will stop and alarm.

Special Dia. of screen mesh: $\Phi 4$, $\Phi 8$, $\Phi 10$, $\Phi 12$ for optional.

Proportional valve: can adjust the ratio of the material according to production need.

Magnet adsorption: avoid some iron going to cutting chamber from material inlet.





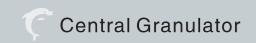












Humanized Structural Design

- Wide range of applications, can used for crushing and recycling of common plastics, central crush and recycle plastic products for a variety of materials.
- Claw blade and sheet blade is optional for customers, suitable for every industry.
- Claw blade is stagger structure, can disperse lash load, high cutting efficiency, no need adjust rotating blade design, easier to change blade.
- Sheet blade adopt gradually cutting design, good cutting effect, low noise.
- Sheet blade suitable for crushing plastic products of common sheet material, pipe material, sectional material and packing material.
- Multiterm safety protection devices, ensure safe and reliable operation.
- Split-style machine body, convenient to clean crush

- No need adjust blade adapter design, easy to replace
- Ultra-silence, full closed double sound-proofing design, efficiently improve workshop noise interfering.



Central Granulator EG-5080BP

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Specifications					EQ. 0550		=	E0 5000
Model	EG-2524(BPH)	EG-2532(BPH)	EG-2540(BPH)	EG-2548(BPH)	EG-3550(BP)	EG-3557(BP)	EG-5070(BP)	EG-5080(B)
Motor Power(kW)	4(5.5)	5.5(7.5)	7.5(11)	11(15)	15	22	37	55
Main Axis Rotating Speed(r,p,m)	415	415	415	415	415	415	415	415
Type of Blade	9crsi	9crsi	9crsi	9crsi	9crsi	9crsi	9crsi	9crsi
Type of Blade(°)	° SKD−11	°SKD-11	°SKD-11	°SKD-11	∘SKD-11	○ SKD-11	°SKD-11	oSKD-11
Number Of Fixed Blades	2(2)	2(2)	2(2)	2(2)	2(2)	2(2)	2(2)	4(4)
Number Of Rotating Blades	9(3)	12(3)	15(3)	18(3)	21(6)	24(6)	27(6)	33(6)
Dia. Of Screen Mesh (mm)	8	8	8	8	8	8	10	10
Cutting Chamber(mm)	250x240	250x320	250x400	250x480	350x500	350x570	500x700	500x800
Max Smashing Capacity(kg/hr)	80~200	120~300	180~400	250~500	350 ~ 500	500 ~ 700	500 ~ 1000	600-1100
Noise Level dB(A)	65~75	65~75	75~85	80~85	80~85	80~90	90~100	90~100
Motor Recycling System	0	0	0	0	0	0	0	0
Full Receiver Alarm Device	0	0	0	0	0	0	0	0
Dust Separator	0	0	0	0	0	0	0	0
H (mm)	1350	1350	1350	1350	1700	2000	2000	2320
W (mm)	700	780	860	1200	1600	1800	2100	2200
D (mm)	1150	1150	1320	1320	1100	1250	1300	2850
Weight(kg)	350	400	500	750	1300	1600	2300	2800

Note: 1) "O" means optional part; 2) Noise of granulator is different because of different material and motor specification;
3) "B" is sound-proof type granulator. 4) "P" means sheet blade, suitable for smashing sheet material;
5) "H" means increased motor power, is optional;
6) standard with manually collected type material storage box.

7) To avoid plastic stick to blade, all material that wait to smashed should be smashed under normal temperature. 8) Voltage is 3 \(\phi_1 \) 400V, 50Hz.

Specifications and appearance are subject to change without notice, thanks for understanding.

Safe Electrical Configuration

- With start, stop, emergency stop button and main power control switch, motor overload protect, inlet and recycle bin equipped with safety switch.
- Full material alarm device: When the material reaches to the setting value, the machine will stop and alarm.
- Magnet adsorption: Effectively avoid some iron impurities going to cutting chamber from material inlet, protect machine from damaging.

Motor Recycling System

- Can used with any granulator
- Saving labor, automatic recycle of crushed materials
- Motor recycling system equipped with dust collector to avoid air be polluted
- Modular design, easy and convenient to clean. dismounting and install



Central Granulator EG-2532B

Central Granulator EG-2532



		100				
Specifications						
Model	EF-2	EF-3	EF-4	EF-5	EF-75	EF-10
Motor Power(kW)	1.5	2.2	3	4	5.5	7.5
Pipe Dimension Size(mm)	76	100	100	127	127	152
Conveying height(m)	3	3	4	5	5	5
Storage Vat Capacity(L)	150	150	200	200	300	400
Suitable Granulator Model(HP)	5~10	15~20	20~40	40~50	50~75	75~100

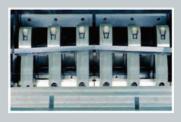
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Sheet Blade



Claw Blade



V-type Blade



Special Mesh Size



one piece type Sheet Blade



two pieces type Sheet Blade

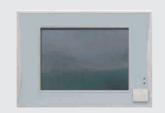
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Performance · Functions

Multiple filtration air valve device, effectively avoid dust entry into machine inside, ensure machine can work normally.

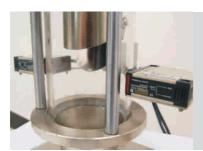


Industrial color full touch type control computer, have strong anti-jamming capability, VARAN-BUS bus technology, world leading level of industrial control industry.





High-effect, long-distance conveying fan, strong suction, low noise and long service lifetime, suitable for workshop.



High perception optoelectronic switch, high temperature endurance and corrosion resisting, effectively remove external interference, accurately monitor material position.



Centralized Material Loadings System

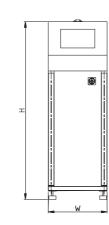


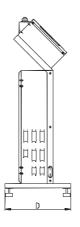
ECS Central Controller

Specifications	Specifications										
Model	ECS-12	ECS-24	ECS-36	ECS-72	ECS-108						
Standard Control	12	24	36	72	108						
H(mm)	1300	1300	1300	1300	1300						
D(mm)	460	460	460	460	460						
W(mm)	400	400	400	400	400						

ECS Central Controller

- Monitoring and adjusting whole loading system via operational panel.
- It is used connector of European standard or Ethernet connection to control and transmit signal of each station, safe and reliable.
- With sound and light alarm function.
- Superior performance of system expansion: expand the control system according to customers.
- The control system uses man-machine dialogue operation software, convenient operation and maintenance.



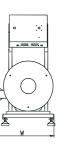


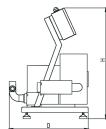
- Intelligent control, central Controller can control one or several vacuum generator and loaders. It can also monitor the external signal and the system working state.
- Controller is easy to extend. Low failure rate, the external circuit is simple and easy maintenance, reducing cost.
- Sealed stainless steel pipe for feeding operation with optional hot air transportation to prevent the moisture regain of raw materials and ensure the quality of products.
- Humanization control, visible touch man-machine interface, straight, simple, easy to operate, real time monitoring system.
- Visible touch man-machine interface can display each setted value and actual value, alarming information and fault diagnosis helping function.
- Beautification workshop, raw material centralized storage or pile up, dust centralized collect, far away from processing field, dust barrel, near make-up machine, should placed far away from production field for maintaining whole tidy environment . convey pipe placed flexibly to reasonably configuration equipment and craft, notably improving working conditions and tidy production environment of workshop.
- Low noise, little waste, full seal stainless steel pipe conveying can decline waste on raw material for customers, lower noise, ensure raw material from second pollution.

ECG Vacuum Generators

- Floor stand ensures convenient installation and easy maintenance.
- Unique Safety Valve Design protects the blower when it's overloading.
- According to the production systems of customers, single stage blower or double stage blower will be selected and used reasonably with professional systems management
- Euro-standard joint connection, safe and reliable;
- It can be used roots blower, suitable for long distance conveying







ECG Vacuum Generators

Specifications												
Model	ECG-030	ECG-030-D	ECG-050	ECG-050-D	ECG -075	ECG -075-D	ECG -100	ECG -100-D	ECG -150	ECG -150-D		
Motor Power(kW)	3	3	5	5	7.5	7.5	10	10	15	15		
H(mm)	940	940	940	940	1100	1100	1100	1100	1100	1100		
D(mm)	715	715	715	715	850	850	850	850	950	950		
W(mm)	415	550	415	550	500	625	500	625	500	650		

Note: D refers to double fan. Machine voltage: 3PH 400V 50/60HZ

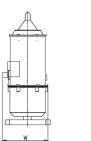
ECF Central Safety Filters

- Adopts filter inside and effectively filters dust within sys-
- Equips with pressured air accumulator to supply sufficient pressured air when running self-cleaning.
- With automatic spray washed filters to reduce the number of manual cleaning to reduce labor costs, improve production efficiency.
- Equipped with an air separation valve and using the conversion of the valve can effectively reduce the high pressure air from the stop frequency, extending fan life and improve the delivery rate and production of raw materials.

ECF Central Safety Filters

EMDD Dehumidifying Drying Combination

- Even in high humidity environment, dehumidifying drying combination can provide a stable and efficient drying of material.
- Central dehumidifiers are equipped with a closed loop system to provide continuous low dew point and dry wind.
- It fully dries the plastic of high moisture absorption to ensure the quality.
- Air design and cyclone exhaust port in dry hopper further improved drying efficiency



W(mm)

_	D	
ECF-50	ECF-65	ECF-80
2	2.5	3
1120	1120	1220
635	635	635

Model Air Suction Pipe Dia(Inch) H(mm) D(mm) 450

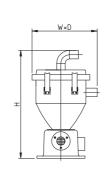
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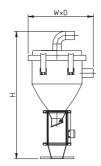
- Bottom blowing type air design and cyclone exhaust port in dry hopper further improved drying efficiency.
- Stainless steel hopper, with insulation layer and material viewing window.
- Separate heating control, can set different dry temperature of different material.

ES Hopper

- Electronic Hopper adopt high accuracy photoelectric switch, control feeding of every station accurately. Vacuum Hopper uses high sensitive sensor switch which ensures the supply of material to avoid the interruption of production.
- Stainless steel hopper, avoid raw material second pollution when it's conveying.
- Stainless steel filter inside, filter granule enter into suction pipe.









ES-**E







EURO central vacuum hopper ES-**U-S

EURO vacuum hopper

Specifications	Specifications												
Model	ES-6	ES-6E	ES-12	ES-12E	ES-24	ES-24E	ES-36	ES-48					
Hopper capacity (L)	7.5	7.5	12	12	24	24	36	48					
H(mm)	480	600	500	700	690	820	930	975					
D(mm)	225	225	285	285	285	285	315	350					
W(mm)	310	310	330	330	400	400	400	485					

Note: "E" refers to Electronic Hopper, can be directly installed in inlet of machine.

Specifications						
Model	EMDS-2x2	EMDS-3x3	EMDS-4x4	EMDS-5x5	EMDS-6x6	EMDS-8x8
Ingredients pipe diameter(inch)	1.5	1.5	1.5	1.5	1.5	1.5
Ingredients pipe diameter(inch)	2.0	2.0	2.0	2.0	2.0	2.0
Ingredients pipe diameter(inch)	2.5	2.5	2.5	2.5	2.5	2.5
Dimension H × W × D(mm)	1100x600x600	1100x600x600	1100x800x800	1100x800x800	1100x1000x1000	1100x1000x1000

EMDS Raw Material Distribution Station

- Automatically control, other feeding all adopt automatic control after manual feeding to hopper, operator only need to do with human-computer interface.
- Advance efficiency, shorten production cycle, system can supply different raw materials to multiple molding equipments.
- Adopt central distribute station and connector shifted way, let customer shift pipe quickly, use different material, meet molding machine requirements of using different material, avoid discontinued phenomenon caused due to human factors.

EBU Shut-off Suction Boxes

- Cutting material before dried material enter pipeline, avoid material vestigial in the pipeline.
- Control output via adjust cutting time, avoid suction too much and stayed in the storage hopper too long that interfere molding.
- Can select dried air circulation feeding.

material distribution station









Front Of Suction Box

Back Of Suction Box

Hopper Membrane Valve Pnenmatic Ball Valve

Stainless steel pipe joint device







Card slot type control module



Quick joint



Switch module



Communication cable



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Simple operation interface

Easy installation, simple and stable operation, longdistance convoying capacity. Stable production, reliable operation, achieve completely automatic production.

Perfect structure design

Open structure of the whole design, maintenance-free floor fan stand, easy manipulation and working status indicator display.

Adopting strobe light alarm warning device instead of buzzing alarm which avoids the alarm noise caused by material shortage or fault.

Stable control system

Adopting Microprocessor control system ensures the machine's exact working control. LED indicating light onthe interface shows the working state.

It is adopted EEPROM to the microprocessor memory, which will not lose the setting data.

Flexible collocation

System can control one to three suction hopper and one free-maintained main engine fan stand, combined to a small centralized loading system, or can separately use fan stand with a suction hopper to convey material.

Hommization clean and maintenance

It's collocated with independent filter. Easy for clean and reduce the dust to jam the high pressure blower, which can reduce the blower's load.

Stainless hopper and hopper filter design is easy for clean and avoid the second pollution of the material.

High efficient automotive operation

Quickly conveying the material to molding machine hopper, drying equipment and storage silos. The material is timely sent to the designated location, which ensures the continuous production process. No material scatter phenomenon improves the cleanness of the work site and reduces the labor.



EURO vacuum hopper ES-48U



Stainless steel loader main engine



Stainless steel storage vat



EML-1HP/2HP-G



EML-1HP/2HP-G-P



EML-3.5HP-15HP



EURO central vacuum hopper ES-**U-S



EURO vacuum

Specification	า									
	Main Un	it		Hopper Receiver				Dia. and	conveying	g capacity
Model	Motor Power(KW)	Dimension (mm) H×W×D	Weight (kg)	Recommended Model	Hopper capacity (L)	Dimension (mm) H×D×W	Weight (kg)	Conveying Hose Dia. (Inch)	Air suction Dia. (inch)	Conveying Capacity (kg/hr)
EML-1HP-G	0.75 (3⊄)	900x350x485	40	ES-6×1	7.5	480×225×310	6	1.5"	1.5"	260
LIVIL-TTTF-G	0.70 (0.6)	9000000000000	40	ES-6E×1	7.5	600×225×310	8	1.5	1.5	200
EML-1.5HP-G	1.1 (3⊄)	900x350x485	42	ES-6×1	7.5	480×225×310	6	1.5"	1.5"	300
EML-1.5HF-G	1-0 1.1(00) 30000300403	42	ES-6E×1	7.5	600×225×310	8	1.5	1.5	230	
EML-2HP-G	1.5 (3⊄)	900x350x485	46	ES-12×1	7.5/12	500×285×330	7	1.5"/2"	1.5"/2"	550
EML-2HP-G	1.5 (5¢)	1.5 (5¢) 900x550x465	40	ES-12E×1		700×285×330	12	1.5 /2	1.5 /2	550
EML-3.5HP-G	2.6 (3⊄)	1300x450x570	73	ES-24×1	12/25	690×285×400	9	2"	2"	750
EML-3.5HP-G	2.0 (3¢)	1300x450x570	73	ES-24E×1	12/25	$1120 \times 285 \times 400$	13	2	2	750
EMI FUD C	3.75 (3⊄)	1300x450x570	74	ES-24×1	12/25	690×285×400	9	2"	2"	900
EML-5HP-G	3.73 (3¢)	1300x450x570	74	ES-24E×1	12/25	1120×285×400	13	2	2	900
EML-7.5HP-G	5.5 (3⊄)	1650x550x650	156	ES-36×1	36	930×315×400	11	2"	2.5"	1100
EML-10HP-G	7.5 (3⊄)	1650x550x650	160	ES-24E×1	36	930×315×400	11	2"	2.5"	1500
EML-15HP-G	11 (3⊄)	1800x680x800	226	ES-48×1	48	975×350×485	15	2.5"	3"	2000

Note: We reserve the right to change specifications without prior notice. Some parts have been increased or deleted because of the shooting needs, please standard as the actual order Voltage is 3 φ, 400V, 50Hz.



EML-750/750E



carbon brush motor



stainless steel filter mesh



Filter



Filter core

Specification	on					
Model	Motor Power(KW)	Hopper capacity(L)	Dimension HxDxW(mm)	Weight(kg)	suction pipe (inch)	Conveying Capacity(kg/hr)
EML-750	1.2 (1 ⊄ 230V50Hz)	7.5	565x335x210	15	1.5"	300
EML-750E	1.2 (1 ¢ 230V50Hz)	7.5	665x335x210	15	1.5"	300
EML-430	0.75 (3 ⊄ 400V50Hz)	7.5	665x335x210	23	1.5"	200
EML-460	0.75 (3 ⊄ 400V50Hz)	12	730x350x450	24	1.5"	300









stainless steel probe

EML-6U

EURO storage hopper

square storage hopper

Specification	n					
Model	Motor Power(KW)	Hopper capacity(L)	Dimension HxDxW(mm)	Weight(kg)	suction pipe (inch)	Conveying Capacity(kg/hr)
EML-3U	1.2 (1 ⊄ 230V50Hz)	6	560x320x350	15	1.5"	200
EML-3UE	1.2 (1 ⊄ 230V50Hz)	6	660x320x350	15	1.5"	200
EML-6U	1.2 (1 ⊄ 230V50Hz)	7.5	665x335x210	23	1.5"	300
EML-6UE	1.2 (1 ⊄ 230V50Hz)	7.5	730x320x350	24	1.5"	300
EML-12U	1.2 (1 ⊄ 230V50Hz)	12	740x335x210	23	2"	300
EML12UE	1.2 (1⊄230V50Hz)	12	920x350x450	24	2"	300











electrical hopper ES-**E



vacuum hopper ES-**

Specifica	ation								
Model	Motor Power(KW)	Dimension (mm) H×W×D	Weight (kg)	Recom- mended Model	Hopper capacity (L)	Dimension (mm) H×D×W	Weight (kg)	Conveying Hose Dia. (Inch)	Conveying Capacity (kg/hr)
EML-700G	1.2	590x300x390	18	ES-6	7.5	480x225x310	7	1.5"	260
EWIL-700G	(1 ⊄ 230V50Hz)	390,300,390	10	ES-6E	7.5	600x225x310	8	1.5	200
EML-800G	0.75	665x370x405	40	ES-6	7.5	480x225x310	7	1.5"	300
EIVIL-800G	(3⊄400V50Hz) 665x370	00383708403	40	ES-6E	7.0	480x225x310	8	1.5	300
EML-800G15	1.1	665x370x405	42	ES-6	7.5	500x285x330	7	1.5"	400
EIVIL-600G15	(3¢400V50Hz)	00383708403	42	ES-6E	7.5	700x285x330	8	1.5"	400
EMI 800G2	1.5	665x370x405	45	ES-6	7.5	480x225x310	7	1.5"	300
EWIL-600G2	EML-800G2 (3⊄400V50Hz)	00383708403	45	ES-6E	7.5	600x225x310	8	1.5	300
EML-900G2	1.5 -900G2 (0.5 400)/5011 665x370x405	57	ES-6	7.5	480x225x310	7	1.5"	400	
LIVIL-900G2	(3¢400V50Hz)	003,370,403	37	ES-6E	7.5	600x225x310	8	1.5	400

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Proportional valve

EPV series proportional valve can control mixing and conveying of raw material and crushed material with a specified ratio, via time ratio control way, have characteristics like low cost, high control accuracy, easy install and using.

Can directly installed in loaders or pipe circuit of loaders and also can directly use with EURO loaders, in others situation can choose control box to work with it



Characteristics

- Easy to install and use, free of mainte nance and with low cost
- Unique valve and structural design, make material conveying more smooth.
- Stable performance of solenoid valve, fast and correct action of cylinder, both make sure accurate mixing ratio.
- Suitable for immediately recycling using of crushed material, can avoid material pollution and decrease material cost



Controller

Specification						
Model	Air Source Pressure (kg/cm2)	Driven	The Max Load Capacity(kg/h)	Dia. (inch)	External Dimension (mm)	Net Weight (kg)
EPV-15	4~6	Cylinder	350	1.5	190x300x160	3
EPV-20	4~6	Cylinder	550	2.0	190x300x160	3





Performance · Functions

Brushless DC motor with high precision speed change gear box, large torque, high accuracy, steady operation and performance.

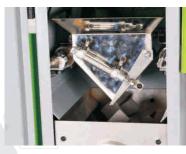


Long-life graze-type cylinder with accurate speed regulating valve, reach the most stable operation.





Efficient air filter device, to prevent moisture entry into machine inside. Real-time detection of low air source pressure to ensure machine normally working.



High precision weight sensor with Enmair ENM-Lnet online ratio analysis software, do not restricted by ingredient, raw material or application environment.



Gravimetric Blender

It has an efficient management on material blending processing, can weigh and mixe six types of material accurately and high–efficiently.

It can be used in the fields of injection molding machines, blow molding machines and extrusion lines. The max blending capacity is 2500kg/h.

With advanced ratio analysis software, the blenders are not restricted by ingredient, raw material and environment. It calibrate automatically after each material weighting which ensures accuracy.

- All materials are mixed evenly after gravity measurement, control blending accuracy strictly.
- All materials are mixed evenly by gravimetric to strictly control the mixing precision. Advanced material dosing system precisely controls the weighting of each material.
- Auto calibration after each material weighting ensures accuracy.
- All parts accessible for easy cleaning.
- Memory card can be optional selected to store ratio information for product quality control.
- High precision weight sensor ensures the error of each batch mixing ration(due to the setting ratio)within ± 0.2%.







Foot-frame type (With Euro stainless steel vacuum hopper and suction box)

Specification						
Model	EGC-50	EGC-100	EGC-200	EGC-300	EGC-600	EGC-1000
Ingredients	2~6	2~6	2~6	2~6	2~8	2~8
Output (kg/hr)	50	100	200	300	600	1000
Ratio of Each Main Ingredient (%)	1~100	1~100	1~100	1~100	1~100	1~100
Ratio of Each Additive (%)	0.1~10	0.1~10	0.1~10	0.1~10	0.1~10	0.1~10
Capacity of Main Ingredient Hopper (L)	6	15	18	30	55	100
Capacity of Main Additive Hopper (L)	6	15	18	30	55	100
Power			1PH 230V 50Hz			
Compressed Air (bar)	6~8	6~8	6~8	6~8	6~8	6~8
Net Weight (Kg)(Machine Mouth)	70	90	110	130	190	310
Net Weight (Kg) (Floor Mouth)	90	110	135	160	220	350
Main Unit Dimensions (mm) $H \times W \times D$	650 × 550 × 550	860 × 690 × 690	1395 × 790 × 790	1395 × 790 × 790	1845x1000x1000	2150x1100x1100
Portable Food Stand (mm) H1 \times W1 \times D1	700 × 600 × 400	750 × 650 × 500	800 × 700 × 600	800 × 700 × 600	900 × 850 × 700	1000 × 950 × 800
Magnetic Base (mm) WxDxHxфDxR	110x110x130x80x5	110x110x130x80x5	220x220x245x160x7.5	220x220x245x160x7.5	300x300x420x220x8.5	400x400x500x220x10.5

Note: We reserve the right to change specifications without prior notice. Some parts have been increased or deleted because of the shooting needs, please standard as the actual order Voltage is 1PH 230V 50Hz.

Various Specification Hopper

Various specification stainless steel hopper is easy to clean and convenient to take down and install. Customers choose the hopper according to the material and dosage.

Modular Loading And Unloading

Can be installed in the main machine directly, and also can used as a centralized mixed stand. Please match function support structure that with storage hopper and suction box when used in centralized mixed stand.

Intelligent Control System

Color touch control panel, man-machine dialogue intelligent interface, autonomous optimization, automatic calibration, Intelligent suppress vibration, via compared setted data with real and calculated, optimization mixed process continuously, to ensure material blending more precise.

Network Management

USB interface or Ethernet data connection is convenient for updating and revising data through computer and network to realize the remote operation and monitoring.



Directly installed type



Multi-station Conveying

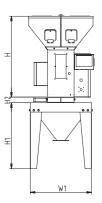
EGC series gravimetric blender with optional multi-station transmission control function can control one blower station and seven units of suction. It can mix up to six kinds of material and covey the mixture to the main unit.

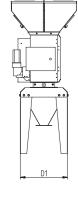
Full Detachable Cleaning

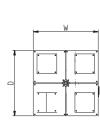
Storage hopper uses building block system. Storage hopper uses demountable material liquid-level window and removable hopper. When changing material, the storage hopper can be dismounted easily and cleaned.

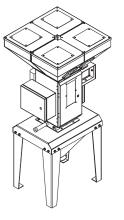
Humanized Monitoring

Multi-site silos transparent windowing is standard configuration, users can observe and monitor whole blending process via transparent windowing that installed in storage hopper and mixed bin.









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EBU Suction Box

- Cutting material before dried material enter pipeline, avoid material vestigital in the pipeline.
- Control output via adjust cutting time, avoid suction too much and stayed in the storage hopper too long that interfere molding.
- Can select dried air circulation feeding.





Card slot type control module





Switch module Communication cable



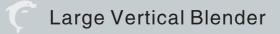












Adopt screw blending principle, put material into hopper and convey it to top of barrel via main axis screw, then drop like umbrella shape, consisting circle blending to achieve evenly effects.

Humanized structure design

- Excess material discharge nozzle is designed on the bottom of base, convenient and fast discharging, more safety operation.
- Less covering space, large capacity, lower electric consumption, labour saving, convenient control, fast and evenly blending.
- Can manufactured according to customer demand(such as workshop height). Application for pelleting, color masterbatch producing, plastic modification, regenerate material recycling and large injection molding industry.

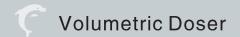




Specification				
Model	Capacity	Motor Power	Dimension	Material
EVM-500	1000L	2.2kw-4	ф1200Х2350	Stainless steel/Iron plate
EVM-1000	2000L	4kw-4	ф1500Х2650	Stainless steel/Iron plate
EVM-2000	4000L	5.5kw-4	ф750Х3550	Stainless steel/Iron plate
EVM-3000	6000L	7.5kw-4	ф2100Х3750	Stainless steel/Iron plate
EVM-5000	10000L	7.5kw-6	ф2430Х4350	Stainless steel/Iron plate
EVM-8000	16000L	11kw-6	ф2750Х4950	Stainless steel/Iron plate
EVM-10000	20000L	11kw-6	ф2900Х5250	Stainless steel/Iron plate

Note: We reserve the right to change specifications without prior notice. Some parts have been increased or deleted because of the shooting needs, please standard as the actual order. Voltage is 3PH 400V 50Hz.

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ECM Series Volumetric Dosers are suitable for autoproportional mixing of new material, regrinds, master batch or additives. A brushless DC motor and stepper motor are used in this series. According to the set mixing proportion, the microprocessor accurately controls rotation of the high precise dosing screw to squeeze out materials with an accuracy of $\pm 1\%$.

Optional Device

A gear motor with gear reduction ratio of 30:1 or 50:1 is coupled to a dosing screw of 12,15 or 18mm diameter to give a total of six models with output, ranging from 0.1~30kg/hr.

Double color dosers can be assembled from two single color dosers if required.

Blender is a standard accessory for double color doser to make the material evenly mixed, while also a optional accessory for single color doser to do so.

Main material hoper is a standard accessory for double color doser. It is optional for single color doser.

- Everlasting data memorizer and settings storage.
- Microprocessor control, intelligent and accurate in calculation.
- External signals can be directly interfaced with control box.
- Optimized screw loading, more accurate.
- Dosing screws are chrome plated for durability.
- Unit is comprised of standard modules for ease of cleaning, disassembly and interchangeability.





With mixer+main hopper

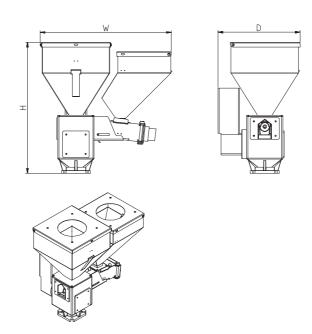
Control box

Specification									
Model	Single color doser								
Wodel	ECM3018	ECM3015	ECM3012	ECM5018	ECM5015	ECM5012	ECM-D-X		
Motor Speed (r.p.m.)	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000		
Motor Power (W)	50	50	50	50	50	50	50x2		
Output Power of Mixer (W)	120	120	120	120	120	120	120		
Single-spiral screw Screw Outsize Dia. (mm)	18	15	12	18	15	12	*		
Output Capacity (kg/hr)	1.5~15	0.8~10	0.5~5	0.5~9	0.3~6	0.1~2	**		
Double-spiral screw Screw Outsize Dia. (mm)	18	15	12	18	15	12	*		
Output Capacity (kg/hr)	1.5~30	0.8~20	0.5~10	0.5~18	0.3~12	0.1~4	**		
Gear Ratio	30:1	30:1	30:1	50:1	50:1	50:1	***		
Storage Bin (L)	12	12	12	12	12	12	12X2		
Main Material Hopper				Optional					
Mixer				Optional					
Dimension WxDxH(mm)			535x3	40x535			790x340x535		
Voltage				1PH 230V, 50Hz					

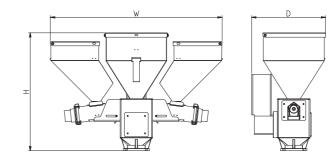
Note:

- 1) * means screw external dia., depend on model that customer chosen.
- 2) ** means output capacity, depend on model that customer chosen, can take monochrome doser data for reference.
- 3) X means motor and screw size optionally combined.
- 4) Model with "M" when single color doser retrofit with mixer.
- 5) Above model output capacity is calculated by testing continuous operation masterbatch granules that stacking bulk density 1.2kg and dia. is 2–3mm.
- 6) Voltage is 1PH 230V, 50Hz.

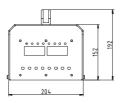
Monochrome dosers dimensions diagram



Double color dosers dimensions diagram



Control box dimensions diagram







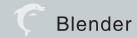
Double color doser



Without mixer



Mixing motor



Horizontal Blender

- All parts in contact with material are made of stainless steel to minimize material contamination and easy to
- Barrel can inclines as much as 100 degrees, easy to clean and change material.
- Interlock safety protection device, ensure safety of operator and machine.
- = Equipped with timing device, can set mixing time ran-
- Foot stand and machine body are adopt welding technology, have a solid and reliable structure.



Small mod

30HP

1000



de below EHN	M-300		
otor Power(HP)	Blending Capacity (kg/h)	Machine Dimension(mm)	Barrel Dimension (mm)
ЗНР	100	1035x780x1100	660x550x760
5.5HP	150	1130x850x1270	900x550x760
7.5HP	200	1172x980x1450	942x640x620
10HP	300	1580x1200x1560	1100x800x880
20HP	500	1800x1350x1800	1100x940x1000

2000x1600x2200

- Note: 1) Normal blending time is 3 min; 2) Maximum level of noise is 70dB (A); 3) Voltage is 3 ϕ , 400V, 50Hz.

we reserve the right to change specifications without prior notice.

1470x1160x1329

Vertical Blender

Humanized Structural Design

- Machine has a compact structure, flexible and easy to
- All parts in contact with material are made of stainless steel to minimize material contamination and easy to
- Barrel inside polished, easy to clean and change color.
- Evenly mixing in a short time, low consumption and high-efficiency.
- Adopt full closed gear motor, steady work, energy saving and noiseless.
- Stainless steel paddle, scientific and reasonable structure, evenly mixed raw materials when working, and reduce load to a minimum, can effectively extend the service life of motor.
- With time controller, can set mixing time randomly, circuit adopt safety interlock protective device to ensure safe
- Have discharge gate around device, can take advantage of blade rotating to unload material, thus material unload is simply and rapidly.
- Foot stand and machine body are adopt welding technology, have a solid and reliable structure.



Specifications					
Models	Motor Power(HP)	Blending Capacity (kg/h)	Machine Dimension(mm)	Barrel Dimension (mm)	Net Weight (kg)
EVM-50	2HP	50	660x660x1100	¢ 620x450	150
EVM-100	4HP	100	850x850x1200	¢ 780x550	230
EVM-150	5.5HP	150	900x900x1300	¢ 850x650	350
EVM-200	7.5HP	200	950x950x1500	¢ 890x710	430

we reserve the right to change specifications without prior notice.

- Note: 1) Normal blending time is 3 min; 2) Maximum level of noise is 70dB (A); 3) Voltage is 3 ϕ , 400V, 50Hz.

Rotary-type Blender



Specifications					
Models	Motor Power(HP)	Blending Capacity (kg/h)	Machine Dimension(mm)	Barrel Dimension (mm)	Net Weight (kg)
ERM-50	1HP	50	900x890x1400	¢ 500x600	120
ERM-100	2HP	100	1020x1100x1500	¢ 600x750	147

Note: 1) Normal blending time is 3 min; 2) Maximum level of noise is 70dB (A); 3) Voltage is 3 \(\phi \), 400V, 50Hz. we reserve the right to change specifications without prior notice

Models EHM-100 EHM-150 EHM-200 EHM-300 EHM-500 EHM-1000

Excellent Design Technology

Working temperature: 120° C, 160° C or 180° C.

- Air exhaust automatically after starting machine.
- Forced cooling function.
- Over temperature protection function.
- High and low pressure protection function.
- Anti-explosion design according to European safety standards.
- High efficiency heater parts.
- Intelligent time switch design.
- By-pass pressure relief circuit.
- Equipped with phase sequence protector, error-phase, leakage phase, reversed phase sequence detection system.
- Adopt stainless steel heating elements and cooper pipes to prevent rusting.
- Small size heating tank consumes less cycle water, which reduces preheating and cooling cycle time.
- Stainless steel plate heat exchange.



Water type





Specificati	on										
Model	The Max Tempera- ture	Heater Power (kW)	Pump Power (kW)	The Max Flow Rate (L/min)	The Max Pressure (bar)	Heater Quantity	Cooling	Mold Joint * (inch)	Inlet/outlet Size (inch)	External Dimension (Mm) (HxWxD)	Weight (Kg)
ETW-610		6	0.75	60	4	1		3/8"		580x220x760	60
ETW-910		9	0.75	60	4	1		(2x2)	1"/1"	580x220x760	60
ETW-1220	120℃	12	1.5	78	4.5	1		3/8" (4x4)		620x290x760	80
ETW-2430		24	2.2	315	2.6	2	Direct	3/8"	1"/1" &	660x320x900	120
ETW-3650		36	3.7	367	3.8	2/3	Cooling	(4x4)	1.5"x1.5"	960x440x1100	160
ETW-605B		6	0.37	42	2.8	1		3/8"		580x260x760	60
ETW-910B	120℃	9	0.75	56	3.8	1		(2x2)	1"/1"	580x260x760	60
ETW-1220B		12	1.5	110	4.5	1		3/8" (4x4)		620x290x760	80
ETW-610H		6	0.75	60	4	1		3/8"		580x260x760	60
ETW-910H	160℃	9	0.75	60	4	1		(2x2)		580x260x760	60
ETW-1220H		12	1.5	78	4.5	1	Indirect	3/8" (4x4)	1"/1"	620x290x760	80
ETW-610G		6	0.75	60	4	1	Cooling	3/8" (2x2)	171	620x260x760	60
ETW-910G	180℃	9	0.75	60	4	1				620x260x760	60
ETW-1220G		12	1.5	78	4.5	1		3/8" (4x4)		620x290x760	80

- 1) "G" means economy type.
 2) Pump parameter testing condition: 50hz power, 20°C purified water(the max flow rate and the max pressure allowed ±10% deviation)
 3) "*" means optional.
- Hearts optional.
 Voltage is 30, 400v, 50hz.
 We reserve the right to change specification without prior notice.



Friendly Operate Interface

We adopt friendly operator interface and the latest PID temper-

Detecting and protecting of pump water shortage and overload, Supplying water automatically, monitoring the working pressure, digital temperature control, the actual temperature and set point display synchronously, multiple sensors monitor the outlet water temperature and mold return water temperature.

Technical Information			
Model	ETW(120℃)	ETW(160℃)	ETW(180℃)
Heater Capacity	6kW	/9kW/12kW(for ch	oice)
Pump Power	0.37kW/	0.75kW/1.5kW(fo	r choice)
Cooling Water Connection	G1/2 internal t	hread or 13mm no	se connection
Power		3PH 380V 50HZ	

Configuration Information			
Model	ETW(120°C)	ETW(160°C)	ETW(180℃)
Self-optimized micro-computer controller	•	•	•
Phase sequence protector and reverse phase detection function	•	•	•
Intelligent time switch function	•	•	•
High efficiency plate heat exchanger	×	•	•
Pump water shortage overload protection	•	•	•
Actual temperature and set point display synchronously	•	•	•
Water booster pump	×	•	•
Supplying water automatically and pressure monitoring system	•	•	•
Magnetic driving pump	0	0	0
Return water temperature display	0	0	0

 $[\]textbf{``\bullet''} \ \ \text{stand for standard configuration} \ \ \textbf{``O''} \ \ \text{stands for optional configuration} \ \ \textbf{``x''} \ \ \text{stand for the types aren't provided}$



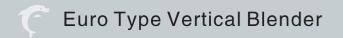








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- Machine has a compact structure, flexible and easy to operate.
- All parts in contact with material are made of stainless steel to ensure pure of mixing material and easy to clean.
- Vertical-installed screw bar to achieve evenly mixing and low consumption.
- With auto stop device, can set auto stop during 0~300hr.
- With main power switch and safety interlock protection device to ensure safety of operator and machine itself without damage.

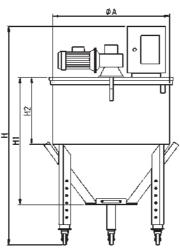
Application

EVM-U series Euro vertical blender can use in blending and storage of plastic material, can't use for materials like powder, food, chemicals, flammable and combustible materials, volatile materials. If mixed plastic material is uneven and other shapes, in order to not influence mixing effects then need to basically keep same of their stacking density.

Option

- Suction pipe: can install in two sides of machine for easy automatic loading material.
- Pneumatic material close sliding plate: install in material outlet.
- Screw cover: cover of blending screw for inner material guidance.





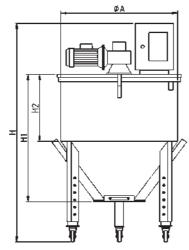
配置菜单					
Model	Motor power (KW)	Max capacity (kg/hr)	Blending barrel capacity*	Dimension(HxH1xH2xA)	Net weight (kg)
EVM-50U	0.37	200	80	1350x600x300x650	80
EVM-100U	0.55	400	160	1500x800x400x760	120
EVM-150U	0.75	600	230	1650x950x550x800	150
EVM-200U	1.1	800	300	1650x1000x500x900	180
EVM-300U	1.5	1200	450	1650x1050x650x1100	220

Note: 1) "*" means capacity of full loading, every blending time is around 15min. 2)Max noise value is 70dB(A)

we reserve the right to change specifications without prior notice.

3)Machine voltage is 3PH 400VAC 50Hz.









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