

- Feeding and Conveying Equipment
- Drying and Dehumidifying Equipment
- Dosing and Mixing Equipment
- Heating and Cooling Equipment
- Granulator and Recycling Equipment

HERE BEGINS YOUR ULTIMATE VALUE

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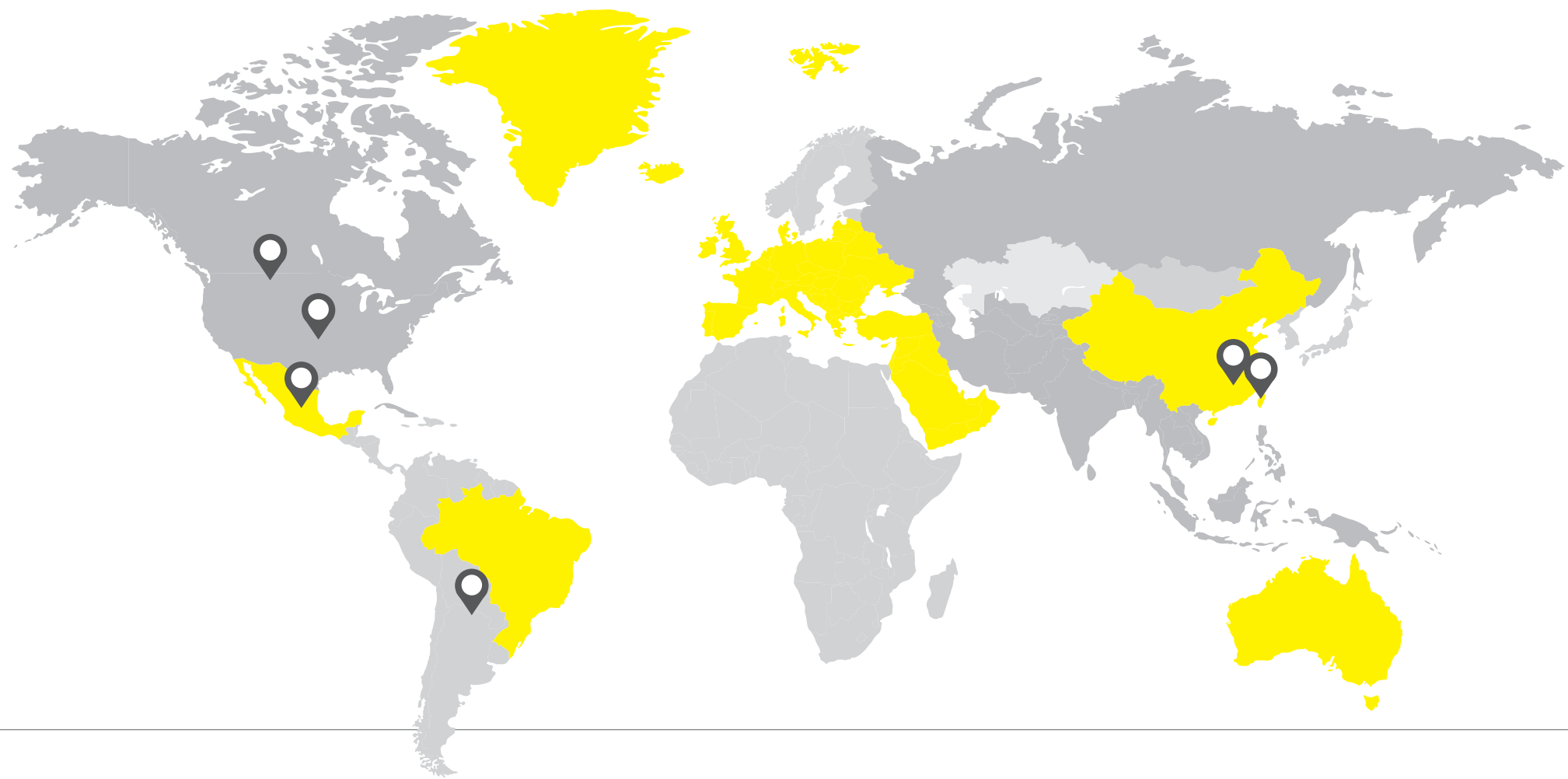
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FORMAX®



About FORMAX

Upholding the motto of Be committed to the minimal detail for the maximal value of each client since the founding in 1992, FORMAX has been committed to design and making of plastic peripherals and aided units, including the central feeding convey system, the desiccant dryer system, the weighing and mixing system, the cool-heat exchanging and grinding/recycling equipment, and the latest automatic integration system. FORMAX is the best partner trusted by global plastic processing businesses due to self demanding and cutting-edge technology.





Best partner of global plastic processing businesses

Tailor-made solution

It is crucial to tackle each issue via a specific solution. It is our expertise to supply the fittest cost-effective solution to your demands, budget, limits and sizes of the project on the basis of rich experience.

Integration across fields

FORMAX is good at not only expertise in peripherals but also features of other facilities. It is our profession to supply full integration of technology and equipment from the central feeding system to the whole-plant planning.

Excellent technology

Simplicity is never simple. Each peripheral seemingly small is pretty vital to batch saving, power saving and smooth operation since each part made by FORMAX requires dense skills.

Quality valued the most

The peripherals need to be run stably by the least power consumption that depends on the finest quality. FORMAX that values Quality the most is a firm partner trusted by each client.

History of FORMAX

Keeps moving forward and improving

FORMAX keeps improving out of dissatisfaction to the current state and moving forward to the objective of Creating maximal values for clients by leaving the comfort zone behind. In pursuit of the best and the top, we are committed to constant improving and moving forward.

History of FORMAX

1992



2012


FORMAX

2014

FORMAX

2015

FORMAX®

Activating FORMAX to create maximal values as the core of design reserves the significance of the totem: Activation.  The italics and fluent periphery lines empower the trademark and symbolize the technology and services with high standards supplied by FORMAX.

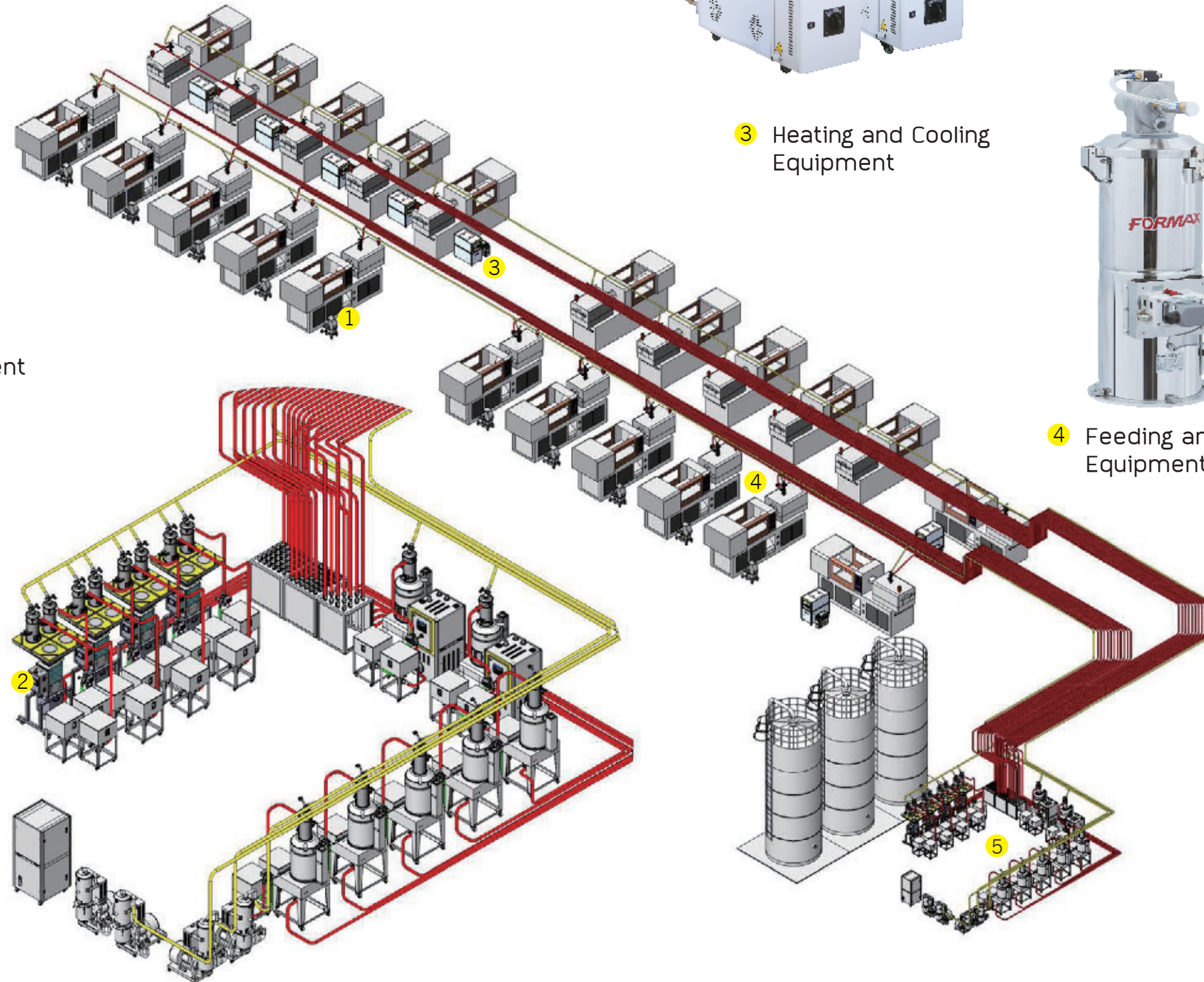
PRODUCTS



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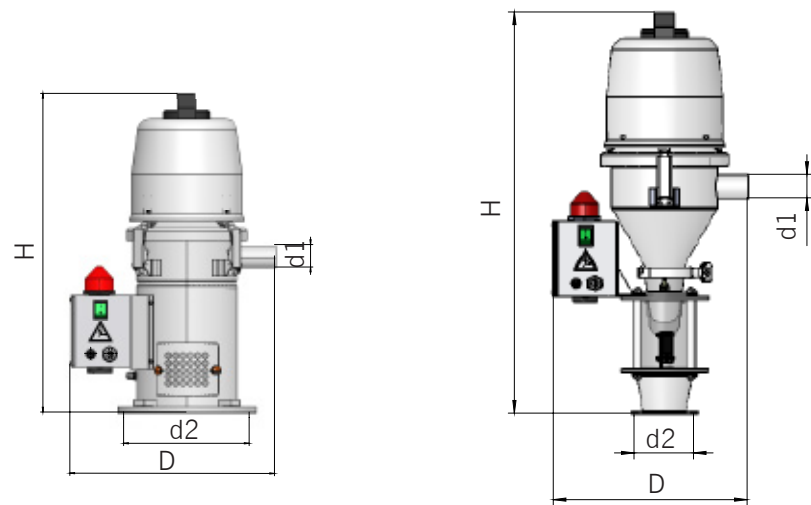


07 Feeding and Conveying Equipment

E (EV) Series Single-phase Single Hopper Loaders



- Full stainless steel construction.
- Fabric suction filter (with s/s mesh).
- Low noise suction head.
- E type is fitted with reed switch sensor, EV type is fitted with Photosensor. Equipped the mechanical flap, no need to adjust.
- All models include the Auto-filter cleaning as standard. It can set the cleaning time and cleaning frequency.
- Motor overload protection, and various alarm indicator.
- Electrical circuit built to comply with CE safety requirements.



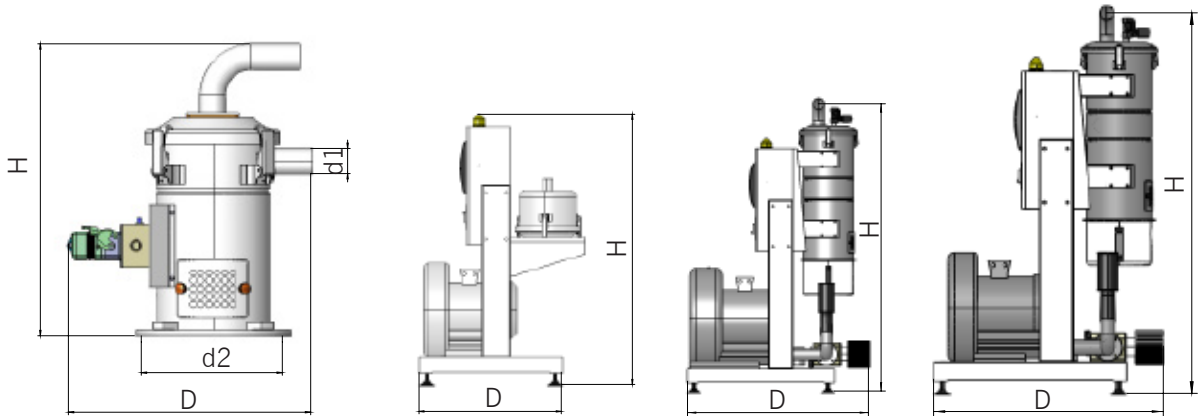
Specification

Model		E3	E6	E12	EV3	EV6
Hopper capacity	litre	3	6	12	3	6
Motor power	w	1100				
Throughput	kg / hr	70	140	200	70	140
Probe diameter (d1)	inch	1.5 / 2	1.5 / 2	1.5 / 2	1.5	1.5
Mounting diameter (d2)	mm	235	285	285	110	110
Depth (D)	mm	332	406	413	314	347
Overall height (H)	mm	505	615	761	615	735
Weight approx.	kg	12	13	15	13	14

S (SV) Series Three-phase Single Hopper Loaders



- Full stainless steel construction.
- Fabric suction filter (with s/s mesh).
- S type is fitted with reed switch sensor, SV type is fitted with Photosensor. Equipped the mechanical flap, no need to adjust.
- Motor overload protection, and various alarm indicator.
- Cyclone filter as option.
- Electrical circuit built to comply with CE safety requirements.



Specification

Model		S3	S6	S12	S25	S50	SV3	SV6
Hopper capacity	litre	3	6	12	25	50	3	6
Probe diameter(d1)	inch	1.5	1.5 / 2	1.5 / 2	1.5 / 2	2 / 2.5	1.5	1.5 / 2
Mounting diameter (d2)	mm	235	285	285	360	520	110	110
Depth (D)	mm	364	404	418	520	550	312	347
Overall height (H)	mm	430	550	685	827	850	540	658
Weight approx.	kg	9	10	12	15	18	10	11

Model		M1	M2	M3	M5	M5D	M10	M10D	M20D
Blower power	kw	0.75	1.5	2.2	4	5.5	7.5	7.5	15
Throughput	kg	250	400	500	750	1000	1000	1200	1500
Width	mm	480							
Depth (D)	mm	580			680				900
Height (H)	mm	1100			1330				1750
Weight approx.	kg	28	38	53	56	105	102	126	145

SHY Series

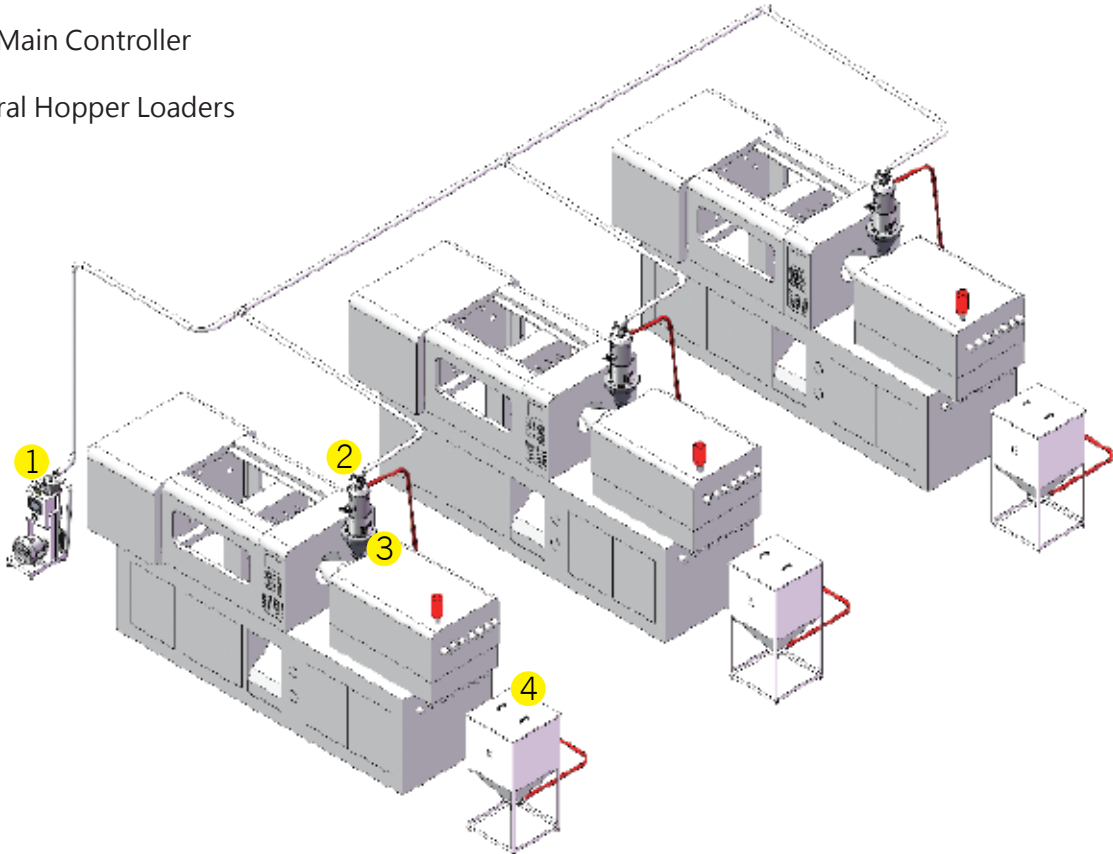
Single Wire Conveying System



- With up to 12 stations of material conveying, it can greatly lower the cost.
- With lower suction type design and filter with cyclone baffle plate below it mounted in the separating dust collector, it can reduce the load of filter effectively.
- Separating dust collector is convenient for dust cleaning.
- Equipped with faults and motor overload indicators, the main machine can give an alarm immediately.
- All main machines are equipped with vacuum valve to protect the blower.
- With central operation panel, it can centrally set parameters of loading material for each station.
- With distributed bus control, it can save cables and is easy to construt as well as to maintain.

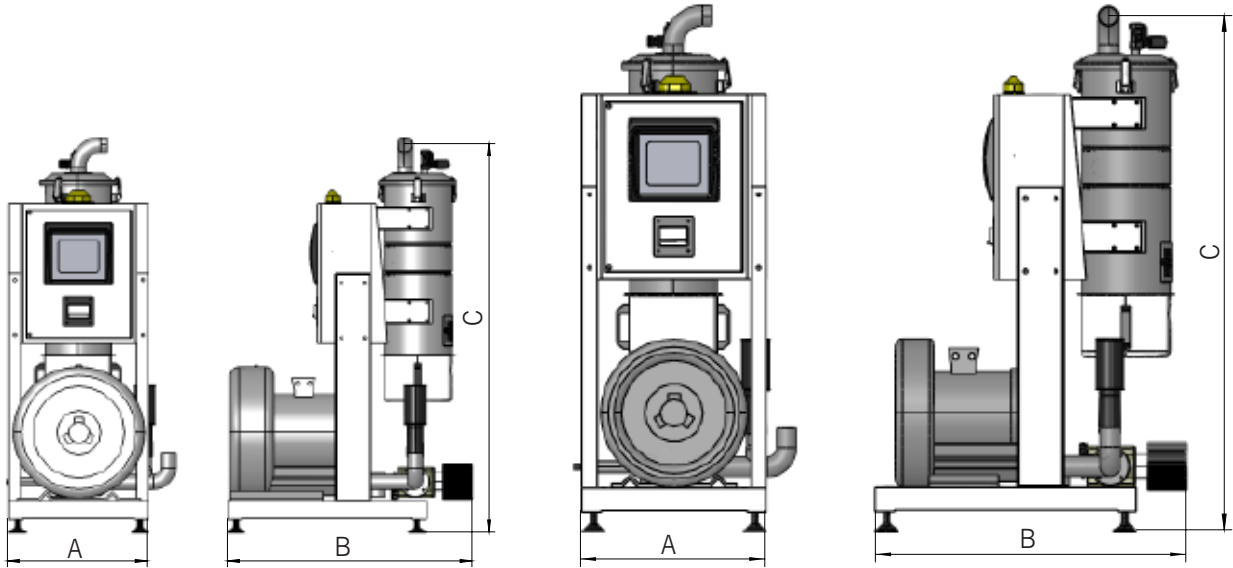


- 1 SHY Main Controller
- 2 Central Hopper Loaders
- 3 MIH
- 4 MST



SHY-M2~M5

SHY-M10~M20D



Specification

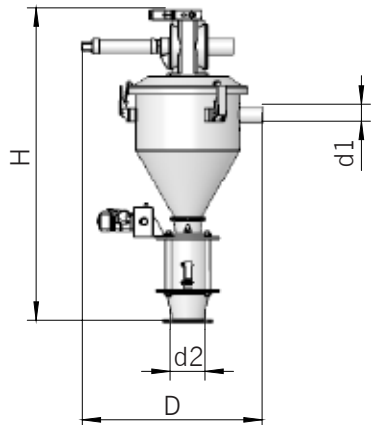
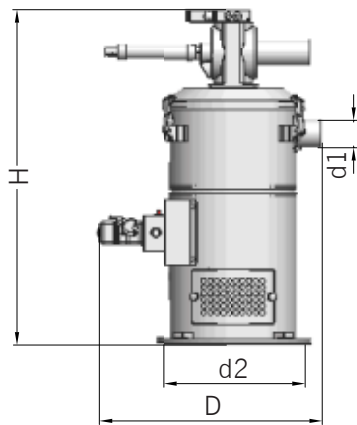
Model		SHY-M2	SHY-M3	SHY-M5	SHY-M5D	SHY-M10	SHY-M10D	SHY-M20D
Blower power	kw	1.5	2.2	4	5.5	7.5	7.5	15
Throughput	kg	400	500	750	1000	1000	1200	1500
Width	mm	480						
Depth	mm	580			840			900
Height	mm	1100			1330			1750
Weight approx.	kg	38	53	56	102	105	126	145
CP3	-	CP3						
CP6	-	CP6						
CP12	-	CP12						

C(CV) Series Central Hopper Loaders



C Series Central loaders use a unique cyclone device to collect the dust. This Series are fitted with a reed switch to sense the material level, together with non-return flap valves on both the material inlet and discharge ports.

CV Series is fitted with a photo sensor to sense the material level, together with non-return flap valves on both the material inlet and discharge ports. This series of hopper loader is particularly suitable for mounting directly onto the machine feed throat.

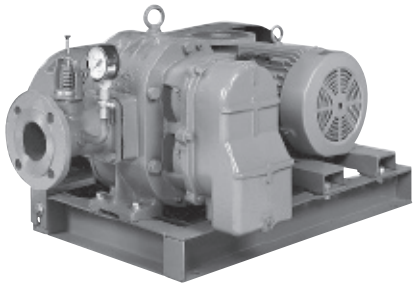


Specification

Model		C3	C6	C12	C25	C50	C75	C100	CV3	CV6
Hopper capacity	litre	3	6	12	25	50	75	100	3	6
Probe diameter (d1)	inch	1.5	1.5 / 2	1.5 / 2	2 / 2.5	2.5 / 3	2.5 / 3	2.5 / 3	1.5	1.5 / 2
Mounting diameter (d2)	mm	235	285	285	360	360	360	360	110	110
Depth (D)	mm	370	409	450	496	558	630	754	304	383
Overall height (H)	mm	523	632	782	980	1145	1182	1120	578	648
Weight approx.	kg	9	14	15	20	30	50	70	9	14

Optional Accessories

BS Vacuum Pump



PB Power Control Box



EPV Electronic Pressure Valve



MPV Mechanical Pressure Valve



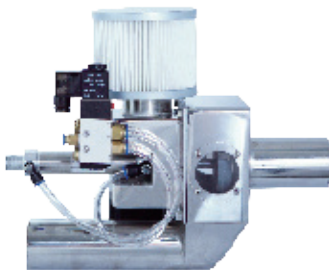
F Safety Filter Dust Collector



CP Centralized Control Panel



MCV Material Cleaning Valve



MIH Material Intermediate Hopper



SP Series

Hopper Loader For Free-Flowing Powders



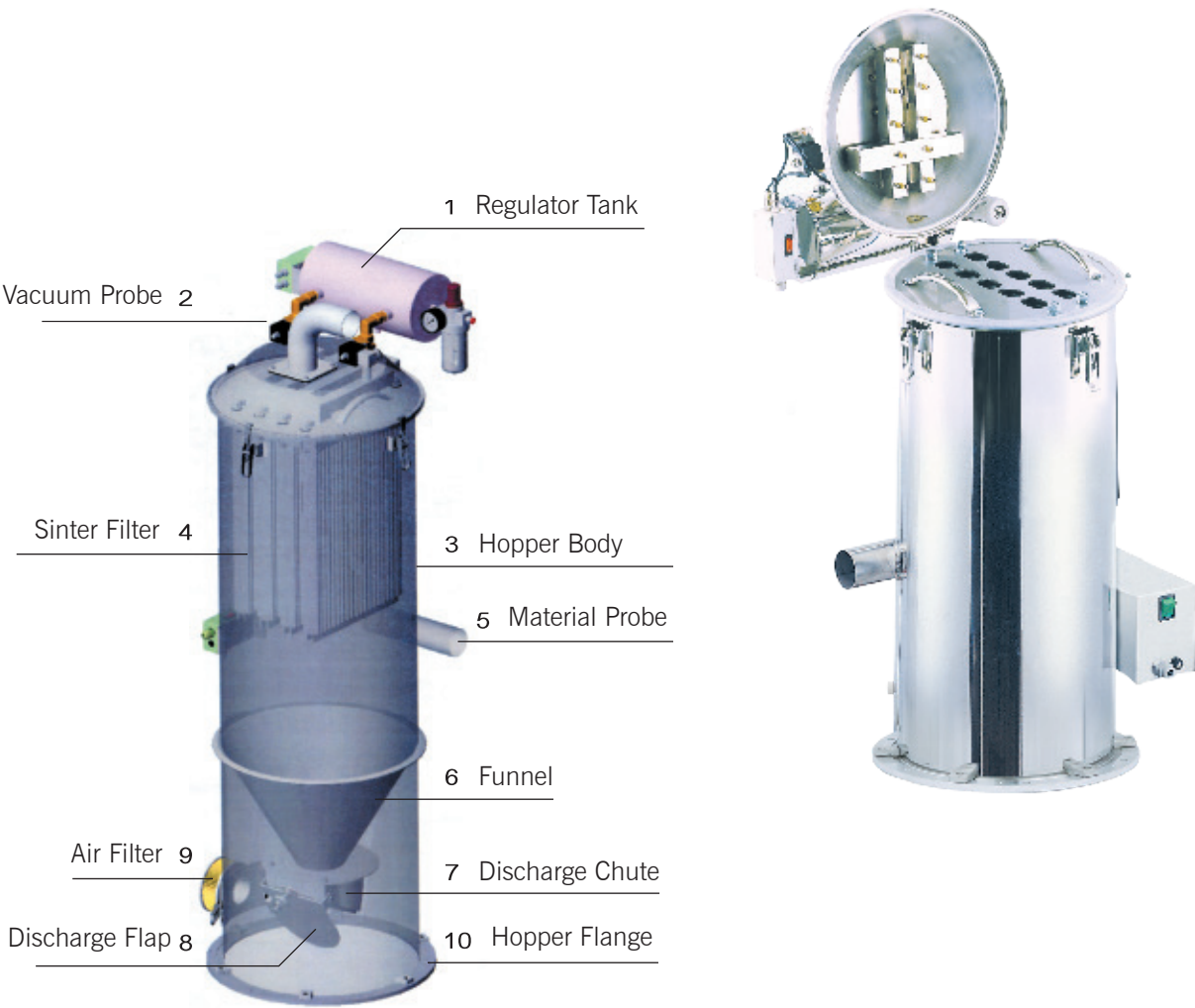
- The unit is designed for dust-free operation with using the Teflon filter Bag. Filter efficient is 1 μ . It is suitable to convey all free-flowing powder.
 - Modules are designed for easy filter replacement and ensure unit the optimum easy cleaning. No tools needed for material changes or clean out.
 - The control panel can be either mounted on the hopper loader as standard or installed on the vacuum unit.
- A self-closed flap mechanism with magnetic switch is fitted to the material discharge port underneath the hopper, no need adjustment.
 - There is a cleaning door with a filter cartridge fitted with hopper body in order to assist operation and maintenance of flap mechanism.
 - Purge a compressed air in the filter at a time, to clean and get rid of impurities which attribute excellent conveying performance and eliminate material packing.

Specification

Model		SP6	SP25	SP50	SP100
Hopper capacity	litre	6	25	50	100
Filter surface	m ²	0.30	0.42	0.54	0.66
Compressed air	kg / cm ²	2~3			
Probe diameter	inch	2	2	2.5	3
Width	mm	Ø265	Ø360	Ø420	Ø500
Overall height	mm	933	1100	1567	1826
Weight approx.	kg	20	35	45	60

SN Series

Hopper Loader For Non-Free-Flowing Powders



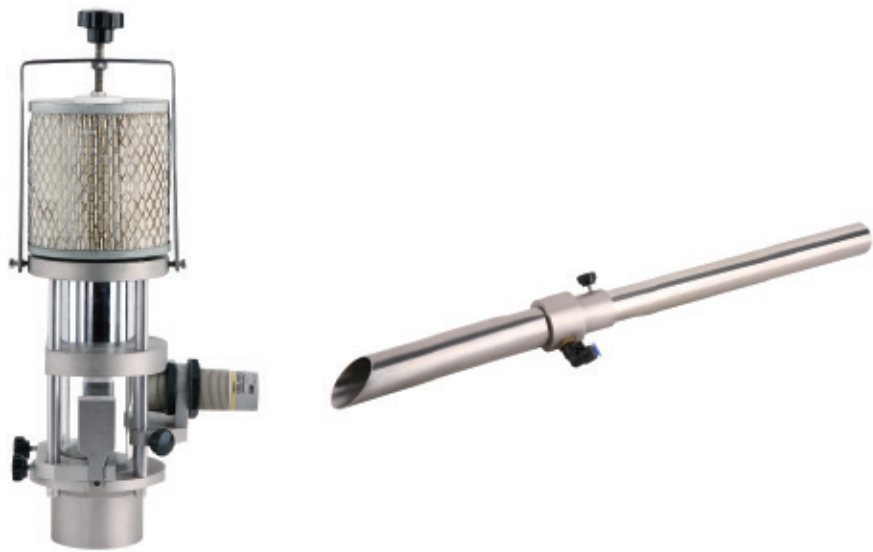
- High dense-phase vacuum conveying for fine powders. Use “Sinter-plate” filters separation efficient up to 99.999%, and clean gas side particulate content ≤ 1 mg/m3 S.T.P.
 - Impact, anti-corrosive anti-statistic, water-proof and long working life, etc.
- Fast assembly and disassembly for cleaning. quick and easy module replacement.
 - Special design, lower air-purge consumption, and best air-purge cleaning efficiency.
 - Purge a compressed air in the filter at a time, to clean and get ridof impurities which attribute excellent conveying performance and eliminate material packing.

Specification

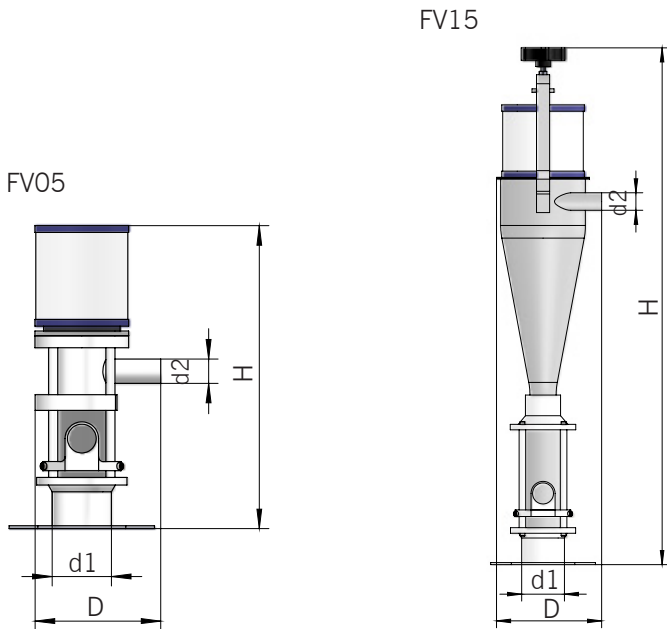
Model		SN25	SN50	SN100
Hopper capacity	litre	25	50	100
Filter surface	m ²	1.1	2.2	3.3
Compressed air	kg / cm ²	2~3		
Probe diameter	inch	2	2.5	3
Width	mm	Ø350	Ø420	Ø500
Overall height	mm	1370	1567	1826
Weight approx.	kg	40	65	80

FV Series

Venturi Loaders



- European Type appearance, compact in size and light-weighted. Capacitive sensor mounted onto the glass-tube for accurate level sensing
 - Filtered air exhaust does not pollute environment.
 - Silent operation, it uses high-pressure air to convey materials.
- Quick installation and easy operation with surface polished.
 - Hopper and base mount positions are adjustable.
 - Easy access to material hopper for convenient cleaning.



Specification

Model		FV05-25	FV15-25
Hopper capacity	Liter	0.5	1.5
Compressed air	kg / cm ²	4 ~ 6	
Height (h)	mm	315	750
Width (d)	mm	132	153
Probe diameter (d2)	mm	25	
Mounting diameter (d1)	mm	62	
Weight approx.	kg	5.5	6
Throughput	kg/hr	40	60

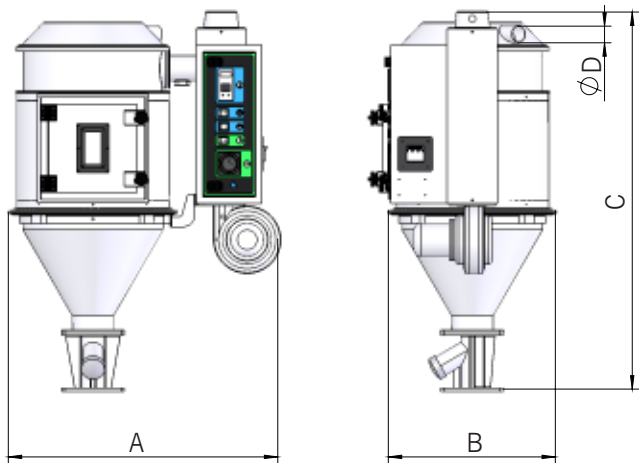
Vertical height 3M, horizontal distance 6M.



FHD Series Hopper Dryers



- Full stainless steel internal parts.
 - Drying under the principle of Hot air down-blowing and Cyclonic air exhausting which ensures consistent drying effects.
 - Hopper lid prepared for easy mounting of hopper loader.
 - Hopper cleaning door(FHD50 and above).
- All model offer rapid heating and accurate PID temperature controller.
 - 7-day timer clock for auto start-up(FHD100 and above).
 - Adjustable overheat safety thermostat.
 - Main power isolator externally mounted as standard.
 - Electrical circuit built to comply with CE safety requirements.

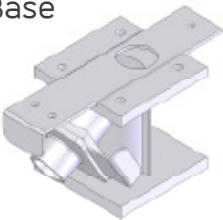


Specification

Model		15	30	50	75	100	150	200	300	400	600
Hopper capacity	litre	25	50	85	115	170	230	335	460	670	1000
Blower motor	W	90	90	200	200	250	250	300	300	400	400
Heating capacity	kw	1.6	2.7	4	5	6	8	10	13	20	20
Drying temp. range	°C	150 (up to 180 as option)									
Voltage, three-phase	V	220~460									
Width (A)	mm	590	665	755	755	835	835	970	970	1221	1321
Depth (B)	mm	420	455	510	510	590	590	710	710	900	1000
Height (C)	mm	635	820	940	1180	1240	1566	1550	1970	1833	2290
Outlet port (D)	inch	1.5	2	2	2	3	3	3	3	4	4
Weight approx.	kg	30	45	60	80	100	140	165	195	230	280

Optional Accessories

HB Hopper Base



Model	Available Type
HB-15	FHD-15
HB-30	FHD-30~75
HB-100	FHD-100~150
HB-200	FHD-200~300

MR Magnets



Model	Available Type
MR-15	FHD-15~30
MR-50	FHD-50~150
MR-200	FHD-200~300

NFS N Type Floor Stands



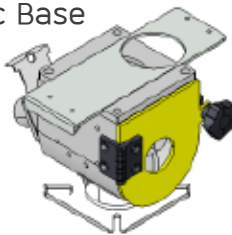
Model	Available Type
NFS-15	FHD-15~30
NFS-50	FHD-50~75
NFS-100	FHD-100~150
NFS-200	FHD-200~300

SB Suction Box



Model	Available Type
SB-1P-40	FHD-15~75
SB-1P-50	FHD-100~300

MB Magnetic Base



Model	Available Type
MB-15	FHD-15~30
MB-50	FHD-50~150
MB-200	FHD-200~300

SGV Slide Gate Valve



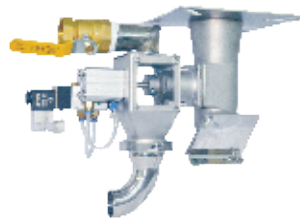
Model	Available Type
SGV-15	FHD-15~30
SGV-50	FHD-50~150
SGV-200	FHD-200~300

PFS Platform Stands



Model	Available Type
PFS-50	FHD-50~75
PFS-100	FHD-100~150
PFS-200	FHD-200~300

SB-MS Material Shut Off Box



Model	Available Type
SB-1P-40-MS	FHD-15~75
SB-1P-50-MS	FHD-100~300

HCD Series Honeycomb Dehumidifiers



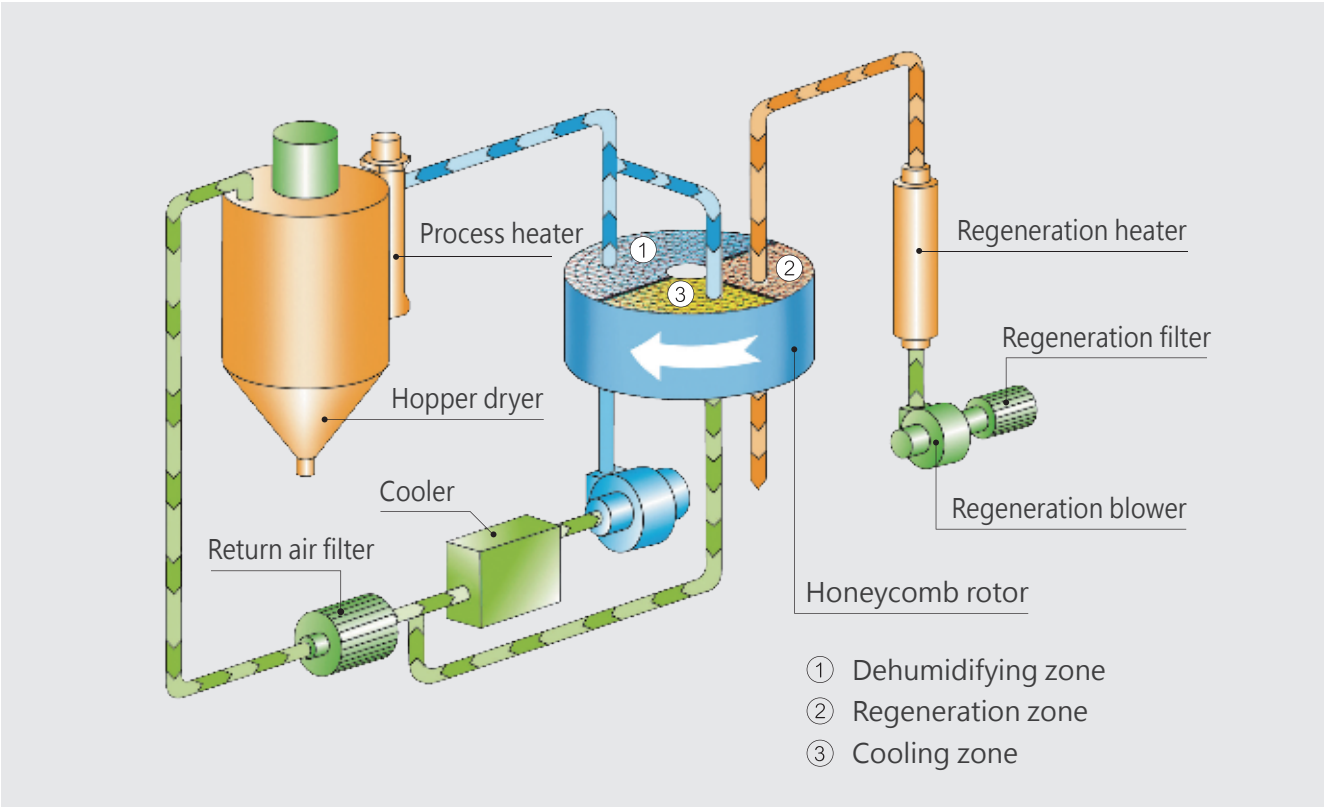
HCD Series of Honeycomb Dehumidifiers have been designed built using the"Rotor Honeycomb"principle, and operate in a closed loop system with the dew-point of - 40 °C . The Honeycomb rotor is divided into a process and regeneration zones by the casing structure and heat resistance air sealing. The rotor is constantly and very slowly rotated at an optimum rotation speed for the condition by a gear motor. High moisture air is drawn into the honeycomb matrix of the rotor through the return air filter by the process blower. When the air is passing through the

honeycomb matrix, moisture in the air is absorbed and dried air is discharged from the process outlet by the process blower. The rotor absorbed moisture is rotated into the dehumidifying zone before it is saturated. At the same time, the cooling air is drawn from the counter side through the regeneration filter and is heated and enters the regeneration zone of the rotor and disturbs the moisture absorbed in the rotor and then is exhausted to the outside by a regeneration blower. This cycle of operation is continuously conducted.

Specification

Model	HCD	50	100	180	300	400	700	1000
Dewpoint	℃	-40						
Air flow	CMH	50	100	180	300	400	700	1000
Processing blower	kw	0.55	0.75	1.9	2.6	3.7	7.5	11.3
Regen. blower	kw	0.25	0.55		0.75		2.25	3.75
Regen. heater	kw	2.5	4	5	6	8.5	15	22
Processing way		Honeycomb rotor						
Rotor motor	kw	0.015			0.025			
System control		PID auto tuning microprocessor						
Processing outlet	inch	2	2.5		3		6.5	
Regen. outlet	inch	1.5	2.5	2.5	3	3	3.5	3.5
Cooling water flow	gpm	1.5	3	6	9	12	21	30
Water connect	inch	1 / 2	3 / 4		3 / 4		1 1 / 4	
Power supply	V		AC220~480V, 3P 50 / 60HZ					
Control volt.	V		AC220V, 1P					
Total power	kw	3.4	3.4	7.5	9.4	13	24.8	37.1
Dimension (mm)	W	650	765		900		1250	1250
	L	745	910		1045		1400	1550
	H	1280	1630		1930		2085	2085
Weight approx.	kg	150	200	250	300	320	400	420

The Dehumidifying Principle



Drying Capacities Kg/hr

Material	Drying Temp(℃)	Drying Time(hr)	Moisture Content(%)	Drying Capacity / HCD Model											
				50	100	180	300	400	700	1000	1300	1600	1900	2300	
ABS	80	3~4	0.4	30	60	100	165	220	390	560	730	895	1060	1260	
POM	100	2	0.3	30	60	105	180	240	420	600	780	960	1140	1375	
PMMA	80	2~3	0.4	30	60	105	175	230	405	580	755	930	1100	1330	
LONOMER	90	4~5	≤ 1	20	40	75	120	160	285	405	525	645	765	925	
PA6	75	4~6	≤ 1	25	50	90	150	200	345	490	640	785	935	1130	
PA6.6	75	4~6	≤ 1	25	50	90	150	200	345	490	640	785	935	1130	
PA6.10	75	4~6	≤ 1	25	50	90	150	200	345	490	640	785	935	1130	
PC	120	3~4	0.3	25	45	75	130	170	295	420	550	675	675	800	
PU	90	2~3		25	45	75	130	170	295	420	550	675	675	800	
PBT	130	3~4	0.25	20	35	60	100	135	235	335	435	535	635	770	
PE	90	1		20	40	75	120	160	285	405	525	645	765	925	
PET	160	4~6	0.4	20	35	60	100	135	235	335	435	535	635	770	
PETG	70	3~4		25	45	80	35	180	310	445	575	710	840	1050	
PPO	110	2	0.1	25	45	80	135	180	310	445	575	710	840	1050	
PP	90	1		25	45	80	135	180	310	445	575	710	840	1050	
PS (GP)	80	1	0.1	30	60	105	180	240	420	600	780	960	1140	1375	
PSU	120	3~4	0.2	25	45	80	135	180	310	740	575	710	840	1015	
PVC	70	1	0.4	40	75	135	225	295	515	740	960	1180	1400	1695	
SAM (AS)	80	2	0.1	30	60	105	180	240	420	600	780	960	1140	1375	

FDL Series

2-in-1 Hot Air Compact Dryers



- Closed-loop conveying device eliminates the possibility of moisture regain during material conveying.
- Hot air recycler equipped as standard, featuring energy saving, no exhaust of hot air and dust, and environmental protection.
- Shut-off suction box equipped as standard ensures no material remains in the material line after each loading cycle.
- Double-wall drying hopper features hot air down-blowing and cyclonic exhaust design, it maintains a steady temperature and increase drying efficiency.

Specification

Model	FDL	30	50	75	100	150
Hopper dryer (double-wall)	litre	50	85	115	170	230
Process blower	W	90	200	200	250	250
Heater	kw	2.7	4	5	6	8
Drying temp.	℃	150				
System control		PID auto tuning microprocessor				
System power	V	AC220~480V, 3P 50 / 60HZ				
Control power	V	AC220V, 1P				
Compressed air pressure	bar	4~6				
PVC hose	inch	1.5				
Conveying blower	kw	0.75 (2HP above as option.)				
Loader control		Max. 3 sat. (Max. 2 sat. on molding machines, 1 sta. on dryer)				
Loader type (on machine)&capacity	L	Photo sensor / 3			Photo sensor / 6	
Loader type (on dryer)&capacity	L	Reed Switch / 3			Reed Switch / 6	
Suction bBox		Shut-off suction box and closed-loop drying air				
Total power	kw	3.54	4.95	5.95	7	9
Dimension (mm)	W	750	750	890	890	900
	L	800	800	985	985	1330
	H	1550	1760	1700	1930	2200
Weight	kg	175	190	240	270	330

FCD Series

3-IN-1 Compact Dryers



- FCD compact dryer offers more feature as standard equipment with a smaller footprint than comparable systems, giving maximum performance in minimal space.
- Standard Dew-point -40℃ ; Dew point -50℃ as an option model.
- Standard PID temperature control to save the energy costs.
- Use the Honeycomb rotor design without the desiccant tower switching actions to avoid the problem of the instable Dew-points.
- The Honeycomb rotor has service life at least 6 years, it can be cleaned as soon as poor drying efficiency is found.
- Automatic Dehumidifying system and Regeneration circling system.
- Closed loop circuit design eliminates the risk of moisture re-absorption and suitable for polymer drying applications involving particularly large quantities hygroscopic material.
- The Multiple safety protection device.

Specification

Model	FCD	530	550	575	10100	10150	18200	18300
Drying hopper	kg	30	50	75	100	150	200	300
Dewpoint	℃	-40						
Air flow	cmh	50			100		180	
Drying temperature	℃	150 (180℃ High temp. type as option)						
Processing blower	kw	0.55			0.75		1.5	
Regen. blower	kw	0.25			0.55			
Processing heater	kw	2.7	4	5	6	8	10	13
Regen. heater	kw	2.5			4		5	
Processing way		Honeycomb rotor						
Rotor motor	kw	0.015						
System control		PID auto tuning microprocessor						
Processing outlet	inch	2			2.5			
Regen. outlet	inch	1.5			2.5			
Cooling water flow	gpm	1.5			3		6	
Water connect	inch	1 / 2			3 / 4			
Power supply	V	AC220~480V, 3P 50 / 60HZ						
Control volt	V	AC220V, 1P						
Compressed air	bar	4~6						
Conveying blower	kw	0.75 (2HP above as option.)					1.5	
Total power	kw	6.8	8.2	9.2	12.2	14.2	18.95	21.95
Dimension (mm)	W	840	840	920	920	1215	1560	1560
	L	980	980	1270	1270	890	917	917
	H	1550	1760	1700	1930	2146	2045	2300
Weight	kg	210	230	250	335	375	450	475

FCD-HL Series / Heatless Compact Units



- Closed-loop conveying device eliminates the possibility of moisture regain during material conveying.
 - Hot air recycler equipped as standard, featuring energy saving, no exhaust of hot air and dust, and environmental protection.
 - Shut-off suction box equipped as standard ensures
- no material remains in the material line after each loading cycle.

 - Double-wall drying hopper features hot air down-blowing and cyclonic exhaust design, it maintains a steady temperature and increase drying efficiency.
 - Heatless regenerative device can supply dry air with relative low dewpoint to speed up material handling process.

Specification

Model	FCD-HL	30	50	75	100	150	200
Hopper dryer(double-wall)	litre	50	85	115	170	230	335
Dewpoint	℃	-40 (for HL model only)					
Process blower	W	90	200	200	250	250	300
Heater	kw	2.7	4	5	6	8	10
Drying temp	℃	150					
System control		PID Auto tuning microprocessor					
System power	V	AC220~480V, 3P 50/60HZ					
Control power	V	AC220V, 1P					
Compressed air volume (for HL model only)	l / min	50			100		
Compressed air pressure	bar	4~6					
PVC hose	inch	1.5					
Conveying blower	kw	0.75 (2HP above as option.)					
Loader control		Max. 3 Sat. (Max. 2 sat. on molding machines, 1 sta. on dryer)					
Loader type (on machine) & capacity	L	Photo sensor / 3			Photo sensor / 6		
Loader type (on dryer) & capacity	L	Reed switch / 3			Reed switch / 6		
Suction box		Shut-off suction box and closed-loop drying air					
Total power	kw	3.54	4.95	5.95	7	9	11.05
Dimension (mm)	W	840	840	920	920	1000	1000
	L	980	980	1270	1270	1350	1350
	H	1550	1760	1700	1930	2146	2200
Weight	kg	220	240	300	340	420	470

FDD Series / 2-in-1 Compact Dryers

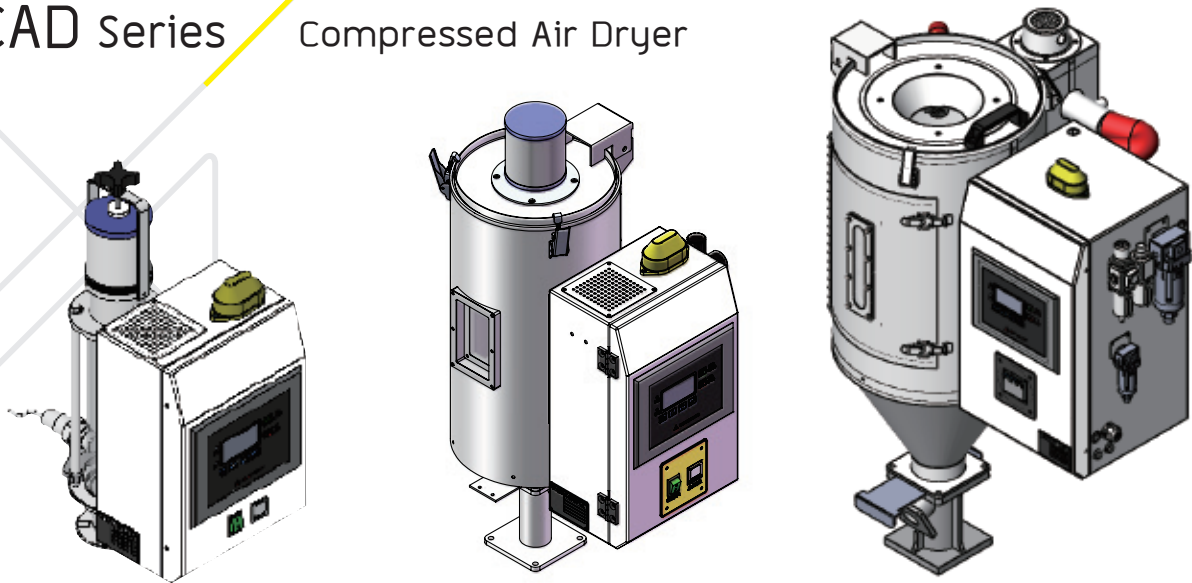


- The FDD Compact Dryer use Honeycomb dehumidifier and Drying hopper with compact stand.
 - Each model combines dehumidifying and drying functions into a single unit.
 - Insulated drying hopper features dry air down-blowing and cyclone exhaust design. This improve drying efficiency and reduces energy consumption while maintain a steady drying effect.
- Compact in size for ease of movement and space saving.
 - Material processing is controlled via microprocessor as standard, more convenient control and auto operation.
 - Dewpoint monitor can be filled by option to check dry air dewpoint.
 - Optional suction box and hopper loader for added convenience when conveying material.

Specification

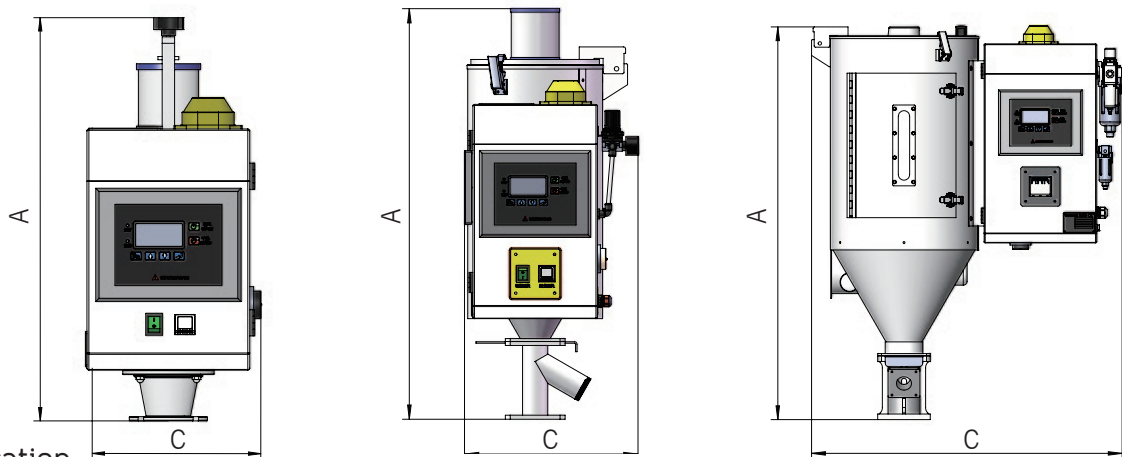
Model	FDD	550	575	10100	10150	18200	18300	30400	30500	30600	40600	40800
Drying hopper	kg	50	75	100	150	200	300	400	500	600	600	800
Dewpoint	℃	-40										
Air flow	CMH	50		100		180		300			400	
Drying temperature	℃	150 (180℃ High temp. type as option)										
Processing blower	kw	0.55		0.75		1.9		3			5.5	
Regen. blower	kw	0.25		0.55				0.75				
Processing heater	kw	4	5	6	8	10	13	20				24
Regen. heater	kw	2.5		4		5		6			8.5	
Processing way		Honeycomb rotor										
Rotor motor	kw	0.015						0.025				
System control		PID Auto tuning microprocessor										
Processing outlet	inch	2		2.5				3				
Regen. outlet	inch	1.5		2.5				6				
Cooling water flow	gpm	1.6		3		6		9			12	
Water connect	inch	1/2		3/4								
Power supply	V	AC220~480V, 3P 50/60HZ										
Control volt.	V	AC220V, 1P										
Compressed air	bar	4~6										
Total power	kw	8.2	9.2	11.8	13.8	17.6	20.9	30.2	30.2	30.2	35.5	39.5
Dimension (mm)	W	1200	1200	1415	1415	1415	1415	1900	1900	1900	1900	1900
	L	778	778	898	898	1005	1005	1200	1200	1307	1307	1307
	H	1471	1696	1819	2144	2141	2396	2418	2768	2723	2723	3273
Weight	kg	250	270	360	400	475	505	620	655	670	690	726

FCAD Series Compressed Air Dryer



P.I.D. temperature controller can reach the accuracy of $\pm 1^{\circ}\text{C}$, Equipped with overheat protection to avoid excessively high drying temperature.
Equipped with air outlet filter, which is used to filter dried air exhausted to outside.
Warning light can monitor machine operation.
Adopts compressed air to dry plastic materials with

good and stable drying effect, and is not influenced by ambient temperature and humidity.
Function of compressed air pressure detection makes a safe and reliable operation.
Voltage-output type temperature controller collocating with SSR control loop can effectively prolong the lifespan of device.



Specification

Model		FCAD-1		FCAD-4	FCAD-8	FCAD-15HL	FCAD-30HL	FCAD-50HL	SPECIFICATION NOTES
Drying temperature	°C	38-176°C							
Dewpoint	°C	-18°C		-40°C					
Airflow standard cubic	L	1.5	8	16	30	60	85		
Heating capacity	kw	0.5				2			
hopper inlet pipe size	inch	3 / 8							
Dimension									
Hight (A)	mm	495	700	740	800	1207			
Width (B)	mm	345	555	615	710	710			
Length (C)	mm	360	435	435	500	500			
Weight	kg	12	20	25	30	35	35		
Voltage-total amps	A	2.3	4.5	4.5	4.5	4.5	4.5		
Formax recommends purchasing the optional membrane when: Your process requires that you obtain a dewpoint of -40° C, or the compressed air dewpoint you are supplying is above 4° C dewpoint yor are supling is above 4° C.									

5bar, clean dry compressed air pressure dewpoint of 5° C;
residual oil content of less than 3mg/m³



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Dosing and
Mixing Equipment

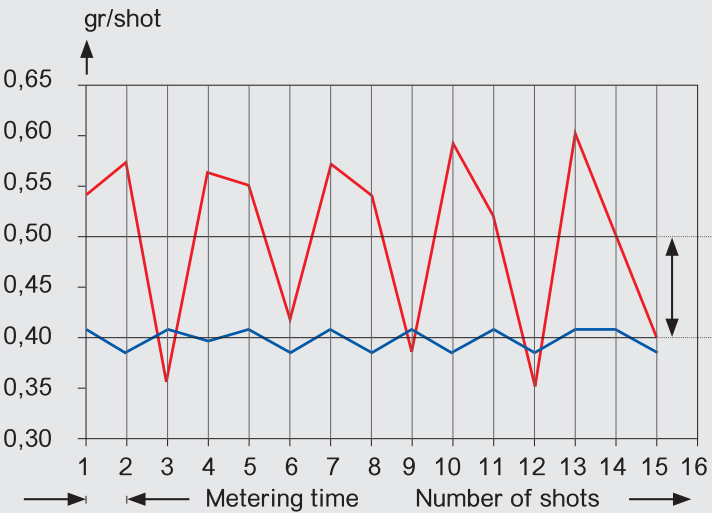
FVS Series Volumetric Screw Dosers



- Auto synchronization to extruder speed.
- Integrated hopper loader control
- Warning and Alarm outout
- Recipes function
- Easy cleaning and disassembly of dosing and mixing unit

The metering is a superior concept thanks to the combination of our proprietary invention the special dosing screw, the use of a stepper moter and the uniquely designed electronic controls. With this winning combination, you will achieve :

- An even dosing rate as the peaks and drops associated with screw dosing units are eliminated (see graphics below)
- Accurate and stable dosing as the stepper motor guarantees a perfect constant speed.
- An incredible high capacity range of 0.05 to 180 kg/hr
- Optimum capacity control under all circumstances thanks to our advanced control algorithm.



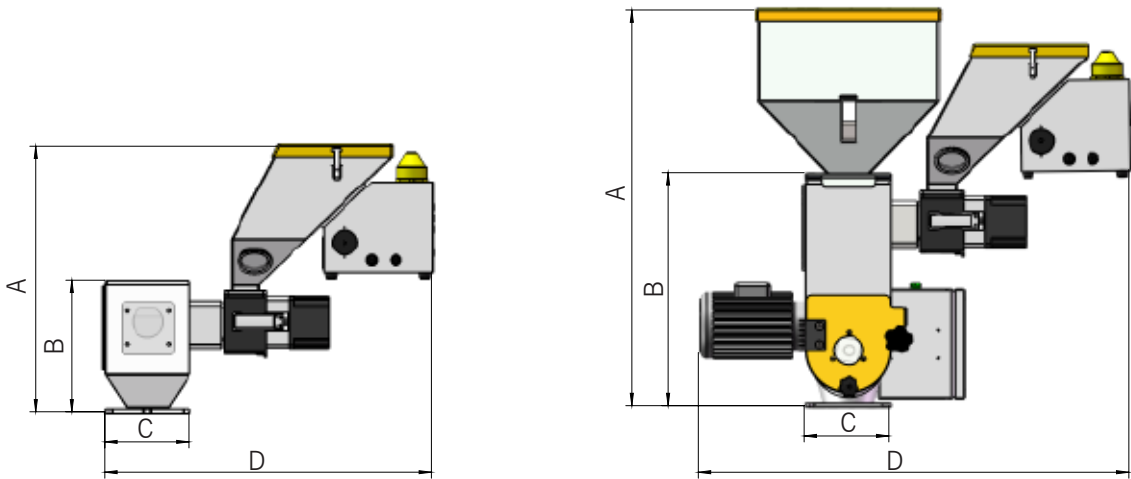
- Average of screw dosing unit
- This is your additional profit
- Average of the Formax dosing unit

FVS Series Volumetric Screw Dosers



Technical Features	
Control	Microprocessor with digital display
Input signal	Potential free contacts / 24 VDC contacts / Tacho input voltage
Motor	Accurate stepping motor (brush less)
Injection molding	Jog mode and continue mode
Extrusion	Jog and synchronic mode
Hopper	Stainless steel 6 liter
Volt / frequency	110 / 220 Volt 50-60Hz

Specification							
Screw / Sleeves	A3	A10	A15	A20	A30	A20HT	A30HT
g / s	0.05~0.6	0.2~1.8	0.3~4.5	0.4~7.5	1~14	0.4~7.5	1~14

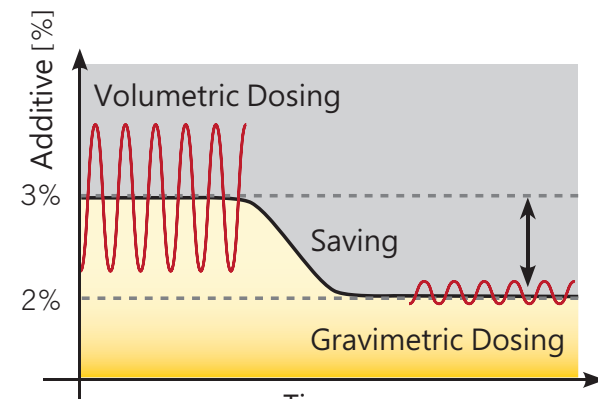
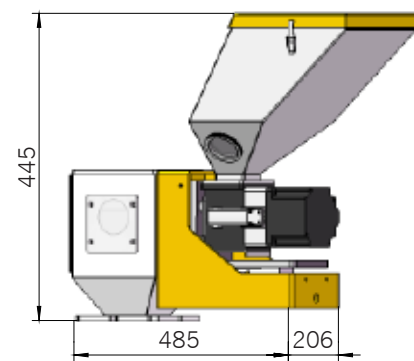


Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
FVS	445	219	140	549	212
MIX-3	657	788	140	719	416
MIX-15	385	513	260	772	443

FGS Series Gravimetric Screw Dosers



- Stores up to 999 recipes, shortened setup time
- Easy maintenance and cleaning when switching colors and materials
- Extreme accuracy and repeatability allows precise dosing and prevents overdosing of materials
- Loss-in-weight controlling function allows optimum adjustment of operating point
- Improved final product quality, reduced number of rejects
- Suited to any injection molding, extrusion and blow molding machines

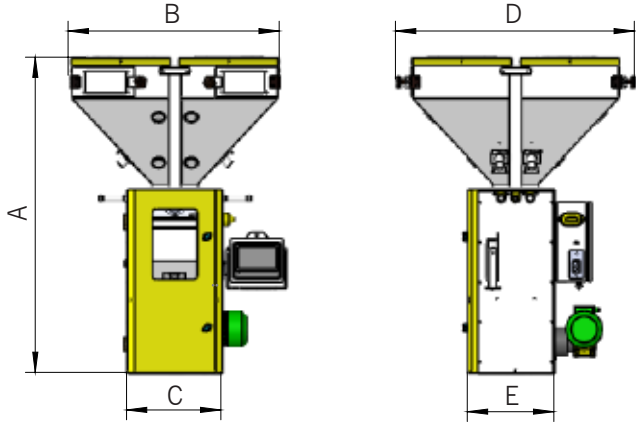


Technical Features	
Hopper	6 / 12 Liter
Output range	0.05-14 g / s
Motor	Accurate stepping motor (brush less)
Controller	Microprocess or with digital display
Load cell	15 kg max.
Loader	Automatic integral venturi vacuum loader
Weight	16kg
Volt / frequency	100-240v, 200w, 50 / 60hz

FGB Series Gravimetric Blenders



- Compact, space saving and modular design.
- Simple setting of required percentages and ratios.
- Accurate and repeatable process.
- While blending the next batch is weighted.
- Self calibration. During the dosing cycle the control automatically corrects differences from the preset values.
- Easy installation on, or next to the processing machine.
- More flexibility because of different types of control.
- Suited as central-blender for several machines.
- Hopper loaders of your own choice.
- Gravimetric / volumetric mode to increase throughput.
- Easy cleaning of weigh pan and mixing chamber.
- Security password levels.
- More languages on the display.
- Accuracy 1/1000.



Specification

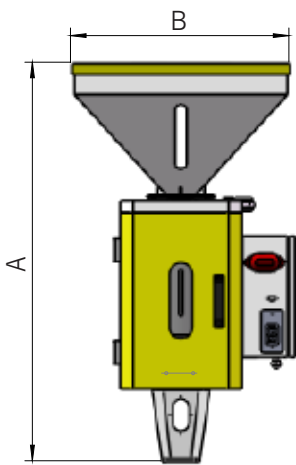
Model		FGB-G1	FGB-G2	FGB-G5	FGB-G10	FGB-G25
Dimension A	mm	805	1180	1261	1674	2150
Dimension B	mm	697	843	972	1370	1663
Dimension C	mm	250	379	375	500	650
Dimension D	mm	644	892	892	1342	1864
Dimension E	mm	250	348	275	460	650
Weight approx.	kg	60	75	85	160	185

Model		FGB-G1	FGB-G2	FGB-G5	FGB-G10	FGB-G25
Number of component		2~4	2~6	2~6	2~7	2~10
Kg/hr max.	kg / hr	45~60	210~260	670~840	1100~1860	2060~2980

FGM Series / Gram Per Meter



- Pipe-/Tube Extrusion
 - Cable Extrusion
 - Profile Extrusion
 - Film Extrusion
 - Reliable realisation of product recipes
 - Constant weight per metre, +/-0,5%
 - Constant product quality, independent of bulk
- density variations
 - Reduced material use due to lower set values, savings of approx. 10%
 - Shortened set-up times due to precise and constand recording of production data(mass throughput, weight per metre) as well as an increased efficiency



Model		FWM350		FWM500	
Voltage	V	220V		220V	
Output	Kg / hr	350 kg / hr		500 kg / hr	
Power	kw	28.8 kw		28.8 kw	
Dimension (L x W x H)	mm	574 x 574 x 952		574 x 574 x 1165	
Description	Extruding metering controller	1PS		Extruding metering controller	1PS
	Fuji man-machine	1PS		Fuji man-machine	1PS
	7 inch TFI64K.800			10 inch TFI64K.800	
	Load cell	1PS		Load cell	1PS
	Multi-functional Load-cell based Electric meter Based electric	1PS		Multi-functional Load-cell based Electric meter	1PS
	Courter encoder	1PS		Courter encoder	1PS
	Hopper	1PS		Hopper	1PS

FLC Series / Gravimetric Liquid Color



MIDEXX™ Gravimetric Dosing Platform is a loss in weight system which utilizes a very accurate scale system; it requires no calibration and compensates for fluctuations in material density and wear on equipment and tubing.

Shot size and LDR are the only inputs required to start dispensing. The pump will self-calibrate continuously. MID's revolutionary design of the container holder enables fast color changes and little waste of colorant. The optional quick disconnect tubing makes the changing of the colorant easy with no mess.

Fastest and easiest color change cycle times, maximum continuous throughputs, and highest processing stability. Bundled in clean, solid, and cost-effective systems. This is how the innovative Dosing and Dispensing solutions from Micro Interface Design secure your productivity.

Precise flow rates ensuring feasibility for pumping a wide spectrum of Colorants and Additives for plastics industry that can range from small-flow Injection

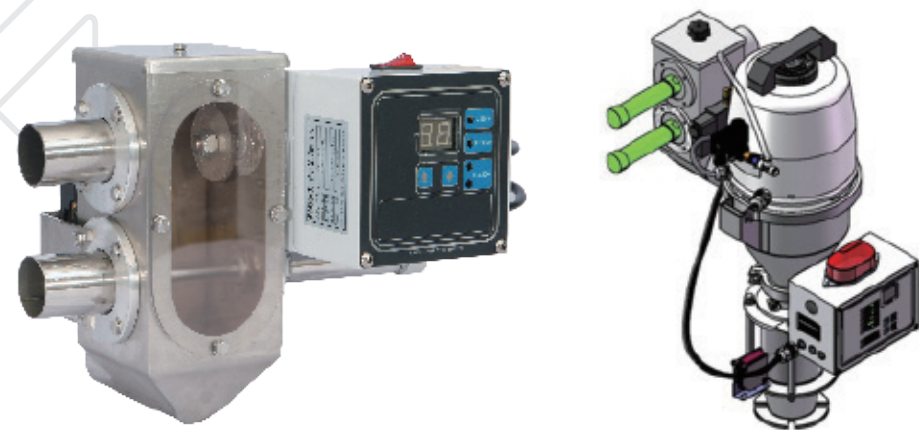
applications all the way to high capacity Extrusion lines.

Global, Reliable, and dedicated to Partnership. You can always rely on Micro Interface Design

- Technical Features
- Peristaltic, Progressive Cavity Drive
 - Volumetric and Gravimetric modes
 - Stepper Motor Drive for precise metering
 - Injection and Extrusion modes
 - Automatic adjustment to injection cycle recovery time variations
 - Automatic or manual calibration
 - Automatic storage of settings during power down
 - Electrical power input of 100-220 VAC, 50/60 Hz
 - Unit Weight = 10Kg
 - Two year warranty
 - USB connection
 - Wi-Fi connectivity (optional) with remote
 - Monitoring and Control software

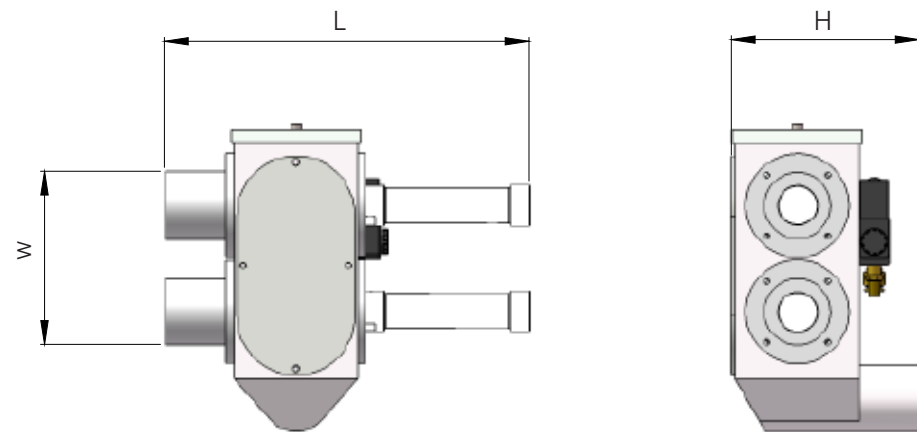


FPV Series Proportional Valve



- European type design, classy appearance, easy installation and operation.
- Unique design of valve body, make material conveying more smooth.
 - The performance of solenoid valve is so stable that the air cylinder acts accurately to ensure a proportional mixing of new and regrind materials.

- Instant recycling of regrind materials to reduce production cost.
- Control box is optionally available when performing in other situations. Equipped with 1~4 levels working function selection, making material mixing more evenly.



Model		FPV-40	FPV-50	FPV-65	FPV-75
Pipe size	inch	1.5	2	2.5	3
Voltage	v	220			
Capacity	kg / hr	380	550	700	850
Dimension	L x W x H mm	251 x 232 x 142		318 x 243 x 106	380 x 352 x 167



FW Series

Water Temperature Controllers



- Self-optimizing microprocessor controller with digital display of set and actual temperature.
 - The module design is compact, economical, efficient and basically maintenance free.
 - Automatic water drain when change the mould as option function.
- Complete with safety protection and error indication system.
 - Rapid heating and cool off speeds, temperature is kept stable at all time.
 - Electrical circuit built to comply with CE safety equipment as option.
 - Use German speck pump.



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 - Use German speck pump.

Specification

Model		FW1205S	FW1210S	FW1220S	FW1230Y	FW1250Y
Power supply	V	AC220~460, 50 / 60Hz, 3Phase				
Temperature range	℃	50~120 ℃				
Media		Water				
Heater	kw	3	6	9	18	27
Tank capacity	Ltr	W / O tank				
Cooling way		Direct cooling				
Cooling capacity	kcal / hr	7200	9000	12000	18000	24000
Temperature control	℃	PID (±0.5)				
Pump	type	Gear Pump (Mechanical Seal)			Vortex Pump	
	power (kw)	0.5	0.75	1.5	2.2	3.7
	max. pressure 50 / 60HZ(kg / cm²)	4	5.2	6.5	2.6	3.8
	output 50 / 60HZ (ltr / min)	27	45	80	315	367
Total power	kw	3.5	6.75	10.5	20.2	30.7
Min. water pressure	kg / cm²	2				
Cooling water pipe	inch / set	1/2" PT				
Media pipe	inch / set	3 / 8" PT-2in-outlet	3 / 8" PT-4in-outlet (1HP above is optional)		3 / 8" PT-4in-outlet	
Dimension(LxWxH)	mm	760x300x600		840x300x840	990x300x840	1000x400x900
Weight	kg	45	50	55	75	110
Option		1、L:Lux (Auto Drain) 2、Filter 3、3 / 8" PT-4in-outlet (1HP above is optional)				

Specification

Model		FW1410S	FW1420S	FW1615S	FW1815S
Power supply	V	AC220~460, 50 / 60Hz, 3Phase			
Temperature range	℃	50~140 ℃		50~160 ℃	50~180 ℃
Media		Water			
Heater	kw	9			
Tank capacity	ltr	W / O tank			
Cooling way		Indirect cooling			
Cooling capacity	kcal / hr	9000	15000		
Temperature control	℃	PID (±0.5)			
Pump	type	Gear pump (mechanical seal)		Magnetic drive pump (sealless)	
	power (kw)	0.75	1.5	1.1	
	max. pressure 50 / 60HZ (Kg / cm ²)	5.2	3.1	6	5.7
	max. output 50 / 60HZ (ltr / min)	45	80	60	
Total power	kw	6.8	10.55		10.15
Media pipe	kg / cm ²	3 / 8" PT- 4 inlet / outlet			
Dimension (LxWxH)	mm	840 x 300 x 840			
Weight	kg	75	80		
Option	1、L:Lux (Auto Drain) 2、Filter 3、3 / 8" PT-4in-outlet (1HP above is optional)				

FO Series Oil Temperature Controllers



- Self-optimizing microprocessor controller with digital display of set and actual temperature.
- The module design is compact, economical, efficient and basically maintenance free.
- Automatic oil drain when change the mould as option function.
- Complete with safety protection and error indication system.
- Rapid heating and cool off speeds, temperature is kept stable at all time.
- Electrical circuit built to comply with CE safety equipment as option.
- Use German speck pump

Specification

Model		FO1805S	FO1810S	FO1820S	FO1830Y	FO1850Y	FO2005S	FO2015S
Power supply	V	AC220~460, 50 / 60Hz, 3Phase						
Temperature range	℃	50~180℃			50~180℃		50~200℃	
Media		Thermal oil						
Heater	kw	6	9	9	24	36	6	9
Tank capacity	ltr	8			10	12	8	
Cooling way		Indirect cooling						
Cooling capacity	kcal / hr	7200	9000	12000	25000	35000	9000	12000
Temperature control	℃	PID (±0.5)						
Pump	type	Gear pump (mechanical seal)			Vortex pum		Magnetic drive pump (sealless)	
	power (kw)	0.5	0.75	1.5	2.2	3.7	0.5	1.1
	max. pressure 50 / 60HZ (kg / cm²)	4	5.2	6.5	2.6	3.8	5	6
	max. output 50 / 60HZ (ltr / min)	27	45	80	315	367	40	60
Total power	kw	6.5	9.75	10.5	26.2	39.7	6.5	10.1
Min. water pressure	kg / cm²	2						
Cooling water pipe	inch / set	1 / 2" PT						
Media pipe	inch / set	3 / 8" PT-2 in-outlet	3 / 8" PT-4 in-outlet		3 / 8" PT-4 in-outlet	3 / 8" PT-2 in-outlet		3 / 8" PT-4 in-outlet
Dimension (LxWxH)	mm	760x300x600	840x300x840		990x300x840	1000x400x900	840x300x840	
Weight	kg	50	55	65	80	115	60	65
Option	1、L:Lux (Auto Drain) 2、3 / 8" PT-4in-outlet (1HP above is optional)							

FCV Series Water or Oil Temperature Controllers



- FCV is designed with operation in pressure or suction mode, to allow continuous production despite leakage from mould or connections.
- Automatic mould drainage ; drain the remains of medium when change the mould.
- Automation water refill (except oil operation), and remove the air in the pipes.
- Self-optimizing microprocessor controller with digital display of set and actual temperature.
- Electric control panel and machine are separated to obtain good effective isolation, and able to extend the service life of the electric parts.
- Rapid heating and cool off speeds, temperature is kept stable at all time.
- Complete with safety protection and error indication systems.
- Electrical circuit built to comply with CE safety equipment as option.
- Use German speck pump

Specification

Model		FCV05	FCV10
Power supply	V	AC220~460, 50 / 60Hz, 3Phase	
Temperature range	℃	Water50~90 ℃ , Oil 150 ℃	
Media		Water ; Oil	
Heater	kw	6	9
Tank capacity	Ltr	15	
Cooling way		Indirect cooling	
Cooling capacity	kcal / hr	9000	
Temperature control	℃	PID (±0.5)	
Pump	type	Delivery pump (sealless)	
	power (kw)	0.5	1.1
	max. pressure 50 / 60HZ (kg/cm²)	3.5	6
	max. output 50 / 60HZ (ltr / min)	60	70
Total power	kw	9.5	10.1
Min. water pressure	kg / cm²	2	
Cooling water pipe	inch / set	1 / 2" PT	1 / 2" PT
Media pipe	inch / set	3 / 8" PT-4 in-outlet	3 / 8" PT-4 in-outlet
Dimension (LxWxH)	mm	760 x 300 x 600	760 x 300 x 600
Weight	kg	45	45
Option		FCV vacumm funtion and auto refill (water type)	

FOH Series / H.T. Oil Temperature Controllers



- High temperature controller to control die casting, molding, extruding equipment, roller and hi-tech precise industrial equipment up to 320°C by using oil.
- Safe structure and guaranteed durability adapting ultra-high temperature, large amount of oil, heat-resistant pump.
- Leaking phenomenon removed by equipping magnet pump for high temperature, zero moisture contents within the closed circuit.
- PID temperature control for heating and cooling ,
- cost save for sub-tangential force.
- Protection device against high temperature with special circuit structure, overheating and abnormalities error indicators.
- All pumps are manufactured from absolute precision and excellent anti-erosive. It ensures the high pressure and reducing and saving power consumption.
- Use German speck pump

Specification

Model		FOH2505Y	FOH2515Y	FOH3215S	FOH3240S
Power supply	V	AC220 ~ 460, 50 / 60Hz, 3Phase			
Temperature range	℃	100~320℃			
Media		Oil (Monsanto : T66)			
Heater	kw	9			24
Tank capacity	ltr	8			25
Cooling capacity	kcal / hr	8600			17200
Pump	type	Gear type (direct)			
	power (kw)	0.5	1.1	1.1	2.8
	max. pressure 50 / 60HZ (kg / cm ²)	4	5.4	5.7	5.2
	max. output 50 / 60HZ (ltr / min)	27	53	60	80
Total power	kw	13.1			26.8
Min. water pressure	kg / cm ²	2			
Cooling water pipe	inch / set	1 / 2"PT			
Media pipe	inch / set	1 / 2"PT	3 / 4"PT		1"PT
Dimension (LxWxH)	mm	840 x 300 x 840	1000 x 700 x 1000	950 x 400 x 1000	1100 x 800 x 1200
Weight	kg	130	260	170	340
Option	1. L : Lux (Auto drain) 2. In-outlet valve				

FWC Series / Water-cooled Chillers



- Digital setting and display of chilled water temperature via a P.I.D controller with high and low alarm.
- Superior shell-shape condenser.
- Stainless steel chilling unit incorporates high grade seamless bronze tubing eliminates rust or corrosion.
- FAC series use Maneurop/Performer same grade high efficient fully enclosure compressor.
- Protection switch for high and low pressure, overload protection, overheat safety thermostat, anti-freezing switch and delay protection

Specification

Model	FWC		3	5	8	10	15	20	25	30	40	50
Cold water temperature	℃		3~30 (Normal temperature)									
Cooling capacity (under 50Hz)	kw		9.27	15.82	23.4	30.4	46.8	60.8	68.68	9	123	156
	btu / hr		31636	53989	79857	103746	159714	207492	234384	310556	41976	532381
	kcal / hr		7972	13605	20124	26144	40248	52288	59065	78260	105780	134160
Compressor	type		Piston or scroll type fully enclosure							Scroll type fully enclosure		
	power	kw	3.37	5.66	7.98	10.66	7.98x2	10.66x2	11.95x2	13.62x2	18.78x2	23.6x2
		hp	3	5	8	10	16	20	24	30	40	50
Refrigerant	control way		Thermo expansion valve									
	type		R22 (CE Type W/ R407)									
Condenser	type		Shell-shape (single circuit)				Shell-shape (multiple circuit)					
	inlet / outlet	inch	1		1.5		2		2.5	3		4
	max. flow rate	lpm	35	60	100	120	180	230	260	350	480	600
Evaporator	type		Shell-shape (single circuit)				Shell-shape (multiple circuit)					
	water tank capacity		60		150	200	330		350	450	***	***
Pump	power(50Hz)	kw	0.75		1.5		2.2		3.7		5.5	
	max. output	lpm	100		200		230		500		550	
	max. pressure	bar	1.5		2				2.5			
Water in / outlet	inch		1		1.5		2		2.5		3	
Total power consumption	kw		4.12	6.41	9.48	12.16	18.16	23.52	27.6	30.94	43.06	52.7
Voltage (Phase)	V		3P, 220~460V, 50/60HZ									
Dimensions	(LxWxH)	mm	900x680x1200		1400x840x1200		1660x770x1400		1650x710x1880	1880x810x1880	1880x910x1950	
Weight	kg		130	150	300	430	735	820	900	1150	1200	1380

FAC Series

Air-cooled Chillers



- Digital setting and display of chilled water temperature via a P.I.D controller with high and low alarm.
 - Superior shell-shape condenser.
 - Stainless steel chilling unit incorporates high grade seamless bronze tubing eliminates rust or corrosion.
- FAC series use Maneurop/Performer same grade high efficient fully enclosure compressor.
 - Protection switch for high and low pressure, overload protection, overheat safety thermostat, anti-freezing switch and delay protection

Specification

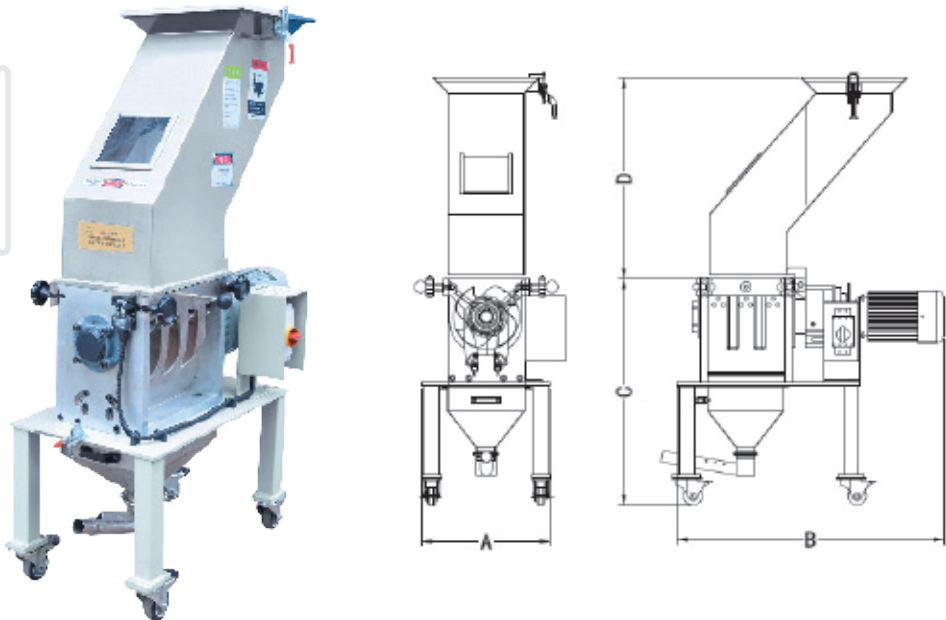
Model	FAC	3	5	8	10	15	20	25	30
Cold water temperature	℃	3~30 (Normal temperature)							
Cooling capacity (under 50Hz)	kw	9.27	15.82	23.4	30.4	46.8	60.8	68.68	91
	btu / hr	31636	53989	79857	103746	159714	207492	234384	310556
	kcal / hr	7972	13605	20124	26144	40248	52288	59065	78260
Compressor	power (kw)	kw	3.37	5.66	7.98	10.66	7.98x2	10.66x2	11.95x2
		hp	3	5	8	10	16	20	24
Refrigerant	control way	Thermo expansion valve							
	type	R22 (CE type W / R407)							
Condenser	type	High efficiency purple copper string with aluminium wings + low noise shaft fan							
	cooled air flow	cmh	3000	5000	8000	10000	15000	20000	25000
Evaporator	type	Shell-shape (single circuit)				Shell-shape (multiple circuit)			
	water tank capacity	L	50	60	150	200	330	350	450
Pump	power(50Hz)	kw	0.75		1.5		2.2		3.7
	max. output	lpm	100		200		230		500
	max. pressure	bar	1.5			2			2.5
Water in / outlet	Inch		1		1.5		2		2.5
Total power consumption	kw	4.12	6.41	9.48	12.16	18.16	23.52	27.6	30.94
Voltage (Phase)	V	3P, 380~415V, 50 / 60HZ							
Dimensions	(LxWxH)	mm	900 x 880 x 1580		1770 x 850 x 1400		2050 x 1050 x 1500		2000x1130x1914
Weight	kg		135	175	310	450	750	835	920



43

Granulator and Recycling Equipment

FS Series / Screenless Crusher



· Unique design of the tool cutting only can reduce dust bad and not easily broken °



- The unique design of the full-open fuselage disassembly is simple and fast.
 - Fuselage surface after electroless nickel plating surface treatment, not only to increase the hardness of the cutting room, and play a rust effect.
- Feed hopper with double stainless steel production, and more to reduce the noise.
 - Thi unique design of the cutting room full open, cutting room is not dead, clean-up, easier to maintain.



Drive part : This series of models using the R series helical gear transmission, increases torque.



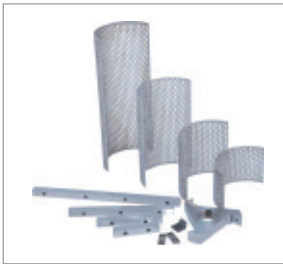
The motor starter electrical parts used in Eaton's Admiralty Muller switch, better protect the motor.

Specification

Model		FS250	FS340
Drive power	kw	1.1	1.5
Chopped mouth	mm	252x252	252x341
Speed	rpm	32	32
Claw knife number		2	3
Cutter number		3	4
Body size (LxWxH)	mm	1000x460x1360	1100x460x1360
Grinding capacity	kg	≥ 10℃	≥ 20
Weight	kg	180	220
Grinding noise	db	60~73	60~75

	FS250	FS340
A	425	513
B	890	940
C	746	796
D	662	712

FG180 Series / Low speed Grusher



Rotor with a specially designed tool, the unique shape of the rotor knives ensure its remains fixed after regrinding cutting curve and cutting interval, do not need to adjust the tool through a complicated process, thereby reducing the disassembly tool downtime.



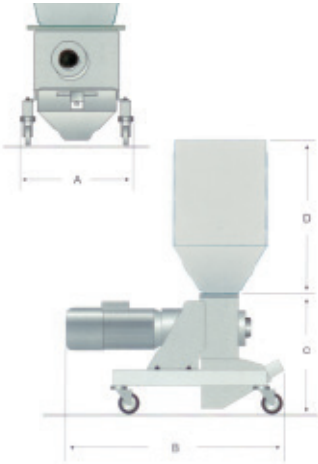
Rotor supported on two bearings, while the width of the rotor shaft according to the largest design, making it possible to shred massive objects. In addition, the ladder-shaped rotor blade design allows only one at any time during the cutting tool, thereby increasing the cutting torque.

FORMAX production FG low-speed crusher series, models from the FG 180/120 to FG 180/430, specially designed for crushing of recycled plastic waste generated in the molding process and the gate. FORMAX production of low-speed crusher set the general common advantages such as low noise, less dust outside, still in its design, improved

performance, such as special waste and for the broken gate and design tool, the rotor and efficient way to disassemble, reflecting the low-speed crusher FORMAX humanity. Machine used gear transmission mode, an increase of torque, the machine can start at any time, even if broken material left in the crushing chamber, you can easily start the machine.

Specification

Model		FG-1812	FG-1818	FG-1830	FG-1843
Speed	rpm	150	150	150	150
Rotating blades		12	18	30	45
Fixed blades		2 (4 blade)	2 (4 blade)	2 (4 blade)	2 (4 blade)
Rotor diameter	mm	180	180	180	180
Rotor width	mm	120	180	300	430
Feeding size	mm	350 x 350	350 x 350	350 x 350	430 x 350
Cutting chamber	mm x mm	270 x 120	270 x 180	270 x 300	270 x 430
Motor output	kw	2.2	3.0	4.0	4.0
Weight	kg	120	130	150	170
Dimension					
W (A)	mm	420	420	420	420
L (B)	mm	850	910	1030	1240
H (C)	mm	450	450	450	550
H (D)	mm	600	600	600	900



FG300 Series Medium Sized Crushers



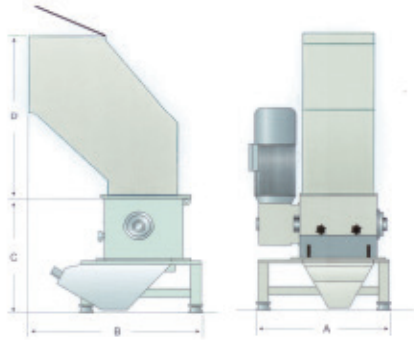
Ladder-shaped rotor arranged in V-shaped, so that it can be caught in the shredding room central broken material, this feature prevents the material posted on the wall in shredding room, while greatly increasing the shredding chamber wall in processing of glass fiber reinforced plastic products and when the wear resistance.

FORMAX production of medium-sized crushers FG 300/400 and FG 300/600 series, except with the FG 180 series crusher of advantages, more suitable for plastic bottles and other blow molded products such as insulating materials, crushing, and its unique design of the ladder-shaped transfer arranged in V-shaped knife, to seize the central cavity in the broken broken materials needed to prevent the

material attached to the sidewall of the crushing chamber, ladder-shaped rotor design allows the machine broken material at any time only one tool in the be cut, thereby increasing the machine's cutting torque. In addition, FG 300 crusher with its use can also be optional according to FG 180 ways to use the series, making more extensive use of the machine.

Specification

Model		FG-3040	FG-3060
Speed	rpm	150	150
Rotating blades		33	48
Fixed blades		2 (4 blade)	4 (4 blade)
Rotor diameter	mm	300	300
Rotor width	mm	400	600
Feeding size	mm	400 x 400	600 x 400
Cutting chamber	mm x mm	400 x 400	600 x 400
Motor output	kw	7.5	11
Weight	kg	550	809
Dimension			
W (A)	mm	820	1100
L (B)	mm	1050	1010
H (C)	mm	710	710
H (D)	mm	1050	1050



FC300 Series Sound Proof Crushers



FC series models economic, reliable, easy to clean and long service life.



With the crushing chamber of the "V" -shaped rotor designed to ensure safe and reliable operation, and is suitable for a variety of a variety of crushed material, and even larger material is no exception.

- Built-in enclosures: to ensure that the use noise reduction, and a unique tool designed to make it easier tool change.
- Simple tool to install: the adjustments using a tool to adjust the frame, the entire tool change process in the crusher, fixed knife and rotary cutter with high tensile strength steel, regrinding many times.
- The unique cutting mode: the tool of the rotor using the latest "V" shaped cutting technique, compared with the conventional tool, "V"-shaped design materials toward the center of the rotor

- while continuing cutting, "V"-shaped structure be able to reduce the wear of the tool and crushing chamber.
- The removable Compact design: built-in enclosures designed so that the entire model is very compact, you can move the entire machine can lift or move the forklift or other lifting equipment standards.
- Efficient feeding mode: Due to the unique rotor design, even if it is a continuous feeding, crushing chamber will not be clogged.

Specification

Model	Rotor Diameter(mm)	Width(mm)	Size(mm)	Drive Power(kw)	Width(A)(mm)	Length(B)(mm)	Height(C)(mm)
FC-3030	Ø300	300 x 300	400 x 290	7.5	1300	1500	1900
FC-3060	Ø300	300 x 600	400 x 590	15	1700	1500	2050
FC-3080	Ø300	300 x 800	400 x 790	22	1900	1500	2050

