



EPS RECYCLING SPECIALIST

Total Solution to EPS/Styrofoam™ Recycling

GREENMAX®
INTCO RECYCLING

EN
2022.06

EPS RECYCLING SPECIALIST





WELCOME TO INTOCO RECYCLING

INTCO is an EPS Recycling Specialist, providing total Solution to polystyrene recycling.

INTCO manufactures and sells GREENMAX[®] Compactors(Densifiers) and Melters, purchases back compressed EPS scraps, and reuses them to make frame products.

INTCO recycles 60,000 tons of waste EPS every year, which helps save 2,400,000 trees and reduce 120,000 tons of carbon emission. INTOCO has become one of the biggest waste EPS end-users and recyclers in the world.

INTCO's Main Business:

- ❶ Sell GREENMAX[®] Compactors(Densifiers) and Melters
- ❷ Purchase Waste Polystyrene Foam:
 - A. EPS Cold-compressed Blocks and Hot-melted Ingots
 - B. PS Renewable Pellets
- ❸ Sell Frame Products

1 INTCO Manufactures GREENMAX[®] EPS (Styrofoam) Compactors (Densifiers) and Melters

Established in 2008, GREENMAX[®] is the registered trade mark of recycling machine produced by INTCO Recycling, aiming to be an EPS(Styrofoam) Recycling Specialist. With over 10 years' accumulative innovation, GREENMAX now researches and produces EPS(Styrofoam) compactor/densifier and hot melting machines, including APOLO and MARS, specialized in EPS(Styrofoam) Recycling.

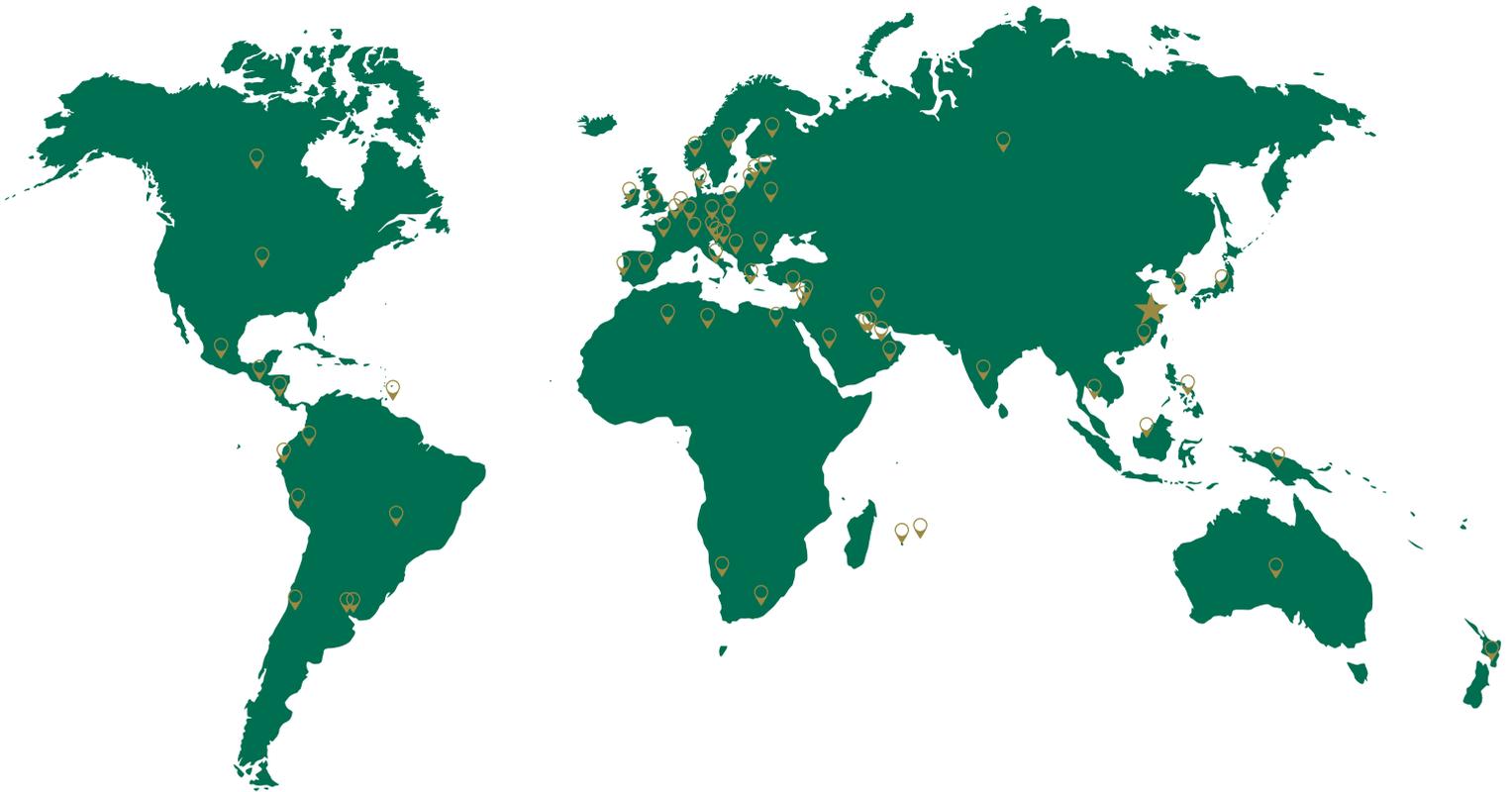
Till now, GREENMAX EPS(Styrofoam) recycling machines have been enjoying a wide range of popularity at home and abroad, sold to more than 70 countries and regions, specially in Europe and North America.



ISO 9001:2008

CE





📍 **Europe**

Belarus
Belgium
Croatia
Cyprus
Czech
Denmark
Estonia
Finland
France
Germany
Greece
Holland
Hungary
Ireland
Italy
Latvia
Lithuania
Norway
Poland
Portugal
Russia
Romania
Serbia
Slovakia
Slovenia
Spain

📍 **Africa**

Sweden
Switzerland
UK
Algeria
Egypt
Mauritius
Namibia
Reunion
South Africa
Tunisia

📍 **Asia**

Bahrain
China
HK
India
Indonesia
Iran
Israel
Japan
Korea
Lebanon
Malaysia
Oman
Philippines

📍 **America**

Qatar
Saudi Arabia
Thailand
UAE
Argentina
Brazil
Canada
Chile
Columbia
Costa Rica
Ecuador
Guatemala
Mexico
Peru
Trinidad
Uruguay
USA

📍 **Oceania**

Australia
New Zealand

2 INTCO Guarantees to Purchase Back Your EPS/Styrofoam Blocks

INTCO is buying all types of PS scraps, such as cold-compressed blocks, hot-melted ingots and recycled PS pellets, which are the major material for picture frames and decorative moldings manufactured in China.

Based on the technology and production experience in China for over ten years, INTCO MALAYSIA SDN BHD is a new subsidiary corporation in Malaysia, expecting to achieve the production capacity of 50,000 tons of plastic granules per year.

Every year, INTCO recycles about 60,000 tons of EPS waste, which makes INTCO become one of the world's largest end-users of EPS waste.



Factory in Malaysia

**COMPACTED
EPS
BLOCKS**



**MELTED
EPS
INGOTS**



**RECYCLED
PS
PELLETS**



3 **INTCO Recycles EPS(Styrofoam) into Picture Frames and Decorative Moldings**

INTCO is a leading company as PS waste solution provider, dedicated to PS waste recycling, repurchasing and reusing.

Since 2002 when first PS molding manufacturer was built, INTCO has recycled annually 60,000 tons of PS waste and converted it into green products. Now INTCO grows into a reputational green-tech manufacturer with 3 plants in China: Shanghai/Zibo/Lu'an, over 120 PS extrusion lines, 5,000 talented employees, 1.2 million cases of PS molding output annually.

INTCO's efforts have saved millions of trees and turned tons of PS waste into beautiful picture frames or moldings to decorate our home and life.

Resource is Limited, Recycling is Unlimited. INTCO's endeavor will never stop.



Picture Frames



Mirror Frames



Decorative Moldings



Factory in Shanghai 📍



Factory in Zibo 📍



Factory in Lu'an 📍



Granulation Lines



PS Moldings Lines



Assembly Lines



APOLO SERIES COMPACTOR

MAINLY FOR

Polystyrene
Foam

ALSO APPLICABLE FOR

Expanded Polypropylene
(EPP)

SCREW COMPRESSION TECHNOLOGY



Screw compression machine, without any heating devices, is able to efficiently compact EPS in any humidity environment.



Lower utility consumption and higher efficiency.



Speed Control device is designed to avoid EPS from melting.



Able to deal with fish boxes that contain water.



Absolutely no smell gives out during operation.



HIGH-QUALITY COMPONENTS

Equipped with reputable SIEMENS, PHOENIX, SCHNEIDER, NSK components, GREENMAX ensures great safety, reliability and durability. SIEMENS control system makes machine operation much easier and simpler.



Reputable & High quality components make the machine reliable and durable.



Safety switch instantly stops the machine in case the window is not securely closed.



SIEMENS control system guarantees easy and simple operation.

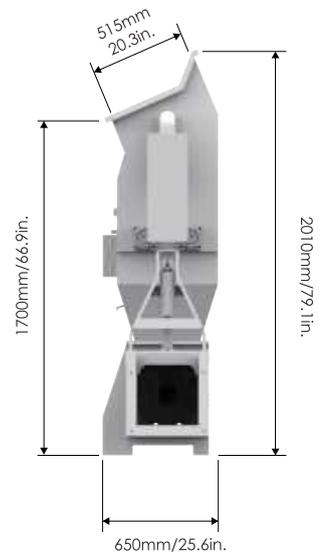
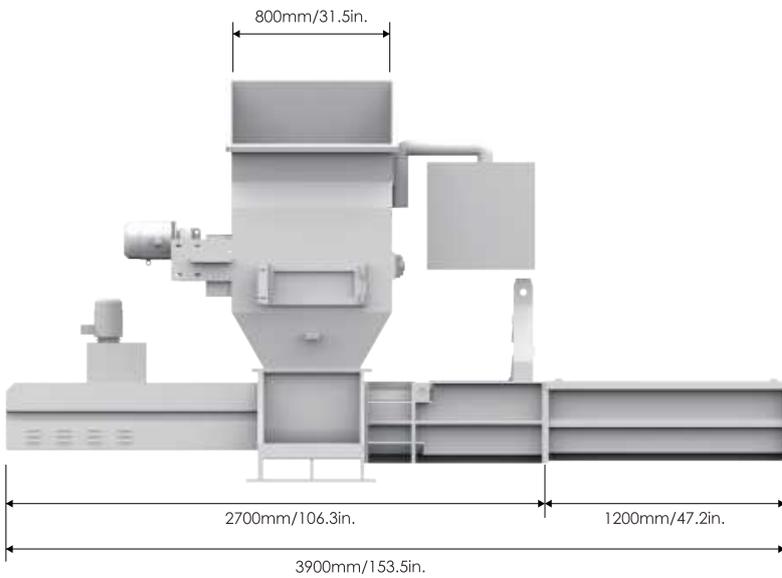


GREENMAX machines are CE approved and comply with UL/CSA standards.



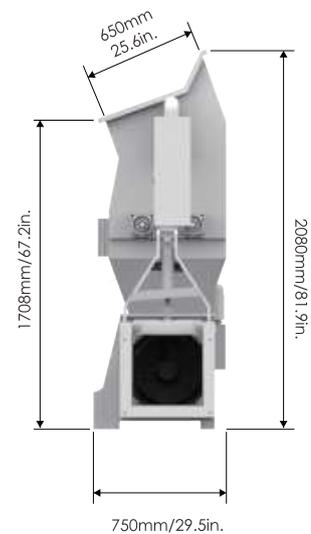
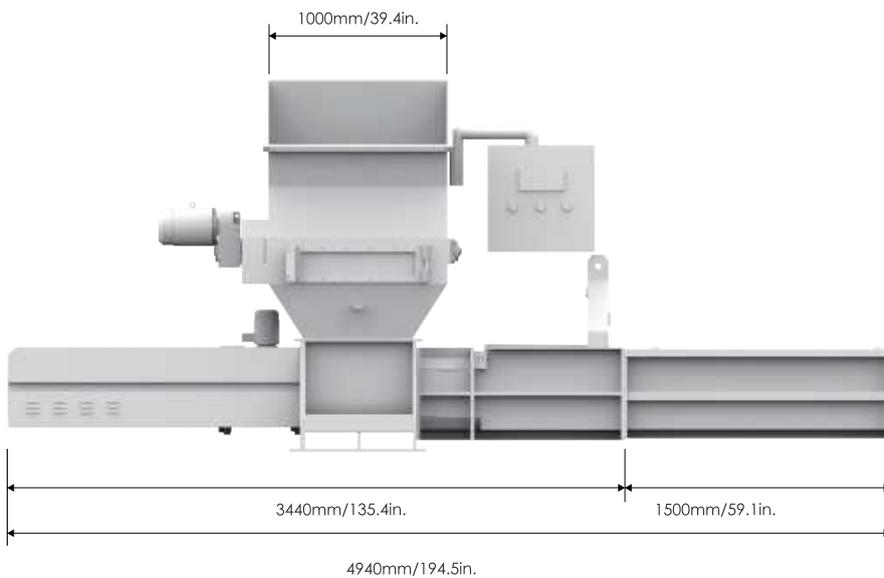
A-C100

CAPACITY
100 kg per hour
(220 lbs per hour)



A-C200

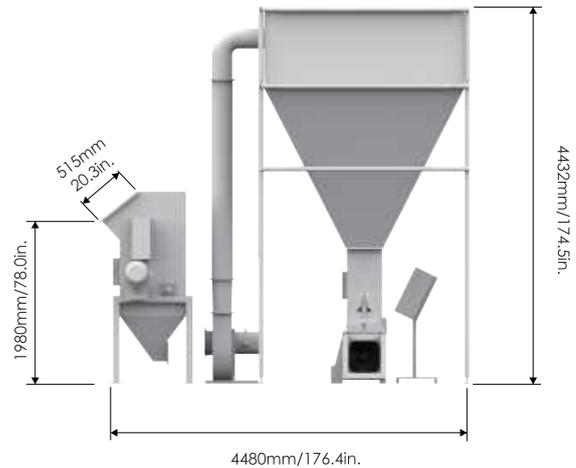
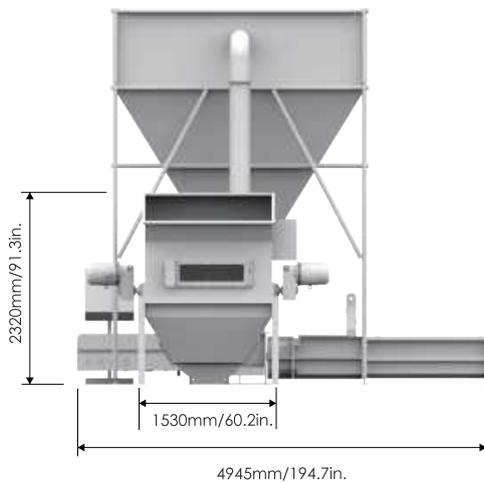
CAPACITY
200 kg per hour
(440 lbs per hour)





A-C300

CAPACITY
300 kg per hour
(660 lbs per hour)



TECHNICAL DATA

ITEM	A-C100	A-C200
Total Power Consumption	10.25 kw/13.75 hp	19.55 kw/26.22 hp
Crusher Power Consumption	2.2 kw/2.95 hp	4 kw/5.36 hp
Capacity	100 kg per hour/220 lbs per hour	200 kg per hour/440 lbs per hour
Compression Ratio	50:1	50:1
Compressed Foam Density	200-400 kg/m ³ /570-1140 lbs/cubic yard	200-400 kg/m ³ /570-1140 lbs/cubic yard
Foam Block Dimensions	300*300 (w/h) mm/11.8*11.8 (w/h) in.	380*380 (w/h) mm/15.0*15.0 (w/h) in.
Feed Hopper Dimension	800*515 (l/w) mm/31.5*20.3 (l/w) in.	1000*650 (l/w) mm/39.4*25.6 (l/w) in.
Dimensions	3900*650*2010 (l/w/h) mm/153.5*25.6*79.1 (l/w/h) in.	4940*750*2080 (l/w/h) mm/194.5*29.5*81.9 (l/w/h) in.
Shipping Dimensions	Main part: 2900*760*2220 (l/w/h) mm/114.2*39.9*87.4 (l/w/h) in. Output chute: 1310*500*620 (l/w/h) mm/51.6*19.7*24.4 (l/w/h) in.	Main part: 3600*900*2285 (l/w/h) mm/141.7*35.4*90.0 (l/w/h) in. Output chute: 2100*620*720 (l/w/h) mm/82.7*24.4*28.3 (l/w/h) in.
Weight	1,500 kg/3,300 lbs	2,000 kg/4,400 lbs

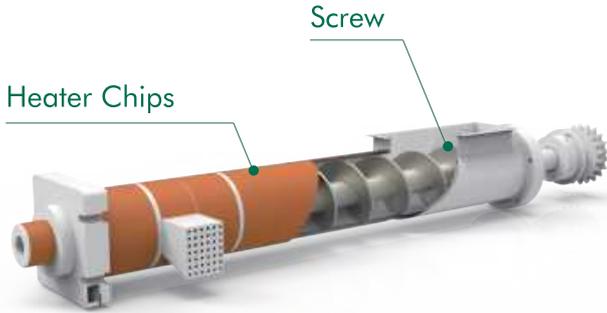
ITEM	A-C300
Total Power Consumption	29.05 kw/38.95 hp
Crusher Power Consumption	2*4 kw/2*5.36 hp (Or according to your request)
Blower Power	5.5 kw/7.37 hp (Or according to your request)
Silo Volume	10 m ³ /13 cubic yard (Or according to your request)
Capacity	300 kg per hour/660 lbs per hour
Compression Ratio	50:1
Compressed Foam Density	200-400 kg/m ³ /570-1140 lbs/cubic yard
Foam Block Dimensions	380*380 (w/h) mm/15.0*15.0 (w/h) in.
Feed Hopper Dimension	1530*515 (l/w) mm/60.2*20.3 (l/w) in.
Dimensions	4945*4480*4432 (l/w/h) mm/194.7*176.4*174.5 (l/w/h) in.
Shipping Dimensions	—
Weight	2600 kg/5721 lbs



MARS SERIES MELTER

APPLICABLE MATERIAL

Polystyrene Foam
& Expanded polyethylene
& Expanded Polypropylene



SCREW MELTING TECHNOLOGY

Screw Melting Technology enables higher output density, and three stages of temperature control enables better output quality (white ingot). It is applicable to all PS/PE/PP Foam.

90 : 1

Enables continuous output at a ratio of 90:1. High-density ingot weights up to 25T per 40HQ container load.



Three stages of temperature control manipulate output color as white as possible.



Easy operation. No Additional adjustment required during operation. Just start and stop.

5S

Easy 5S, Less foam scraps blow out and scatter on the ground during operation.

HIGH-QUALITY COMPONENTS

Equipped with reputable PHOENIX, SCHNEIDER, NSK components, GREENMAX ensures great safety, reliability and durability.



Reputable & High quality components make the machine reliable and durable.



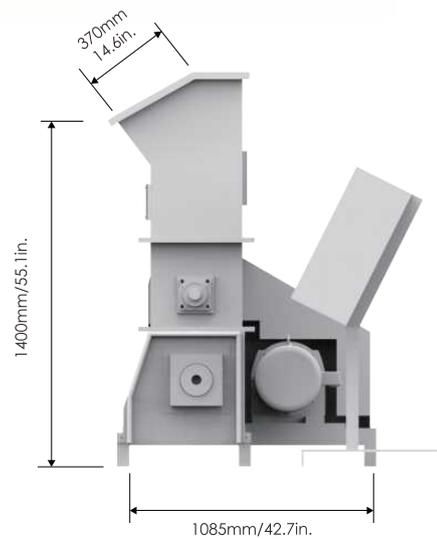
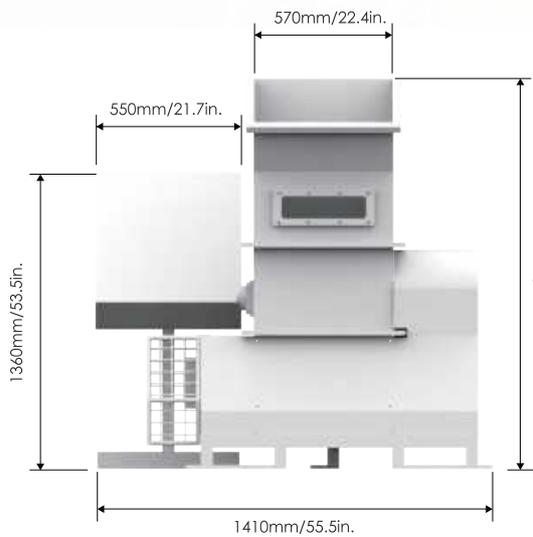
Safety switch instantly stops the machine in case the window is not securely closed.

CE SA UL

GREENMAX machines are CE approved and comply with UL/CSA standards.

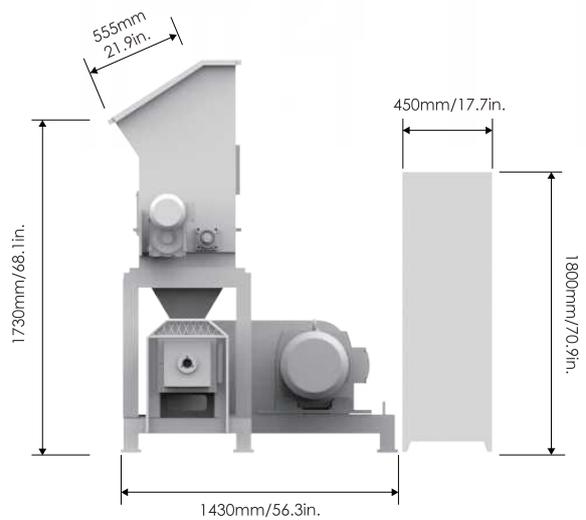
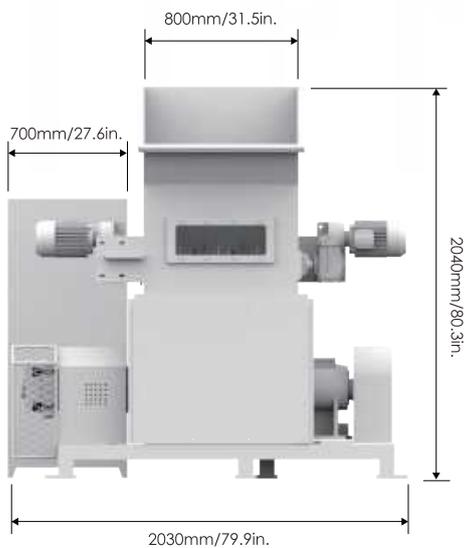
M-C50

CAPACITY
50 kg per hour
(110 lbs per hour)



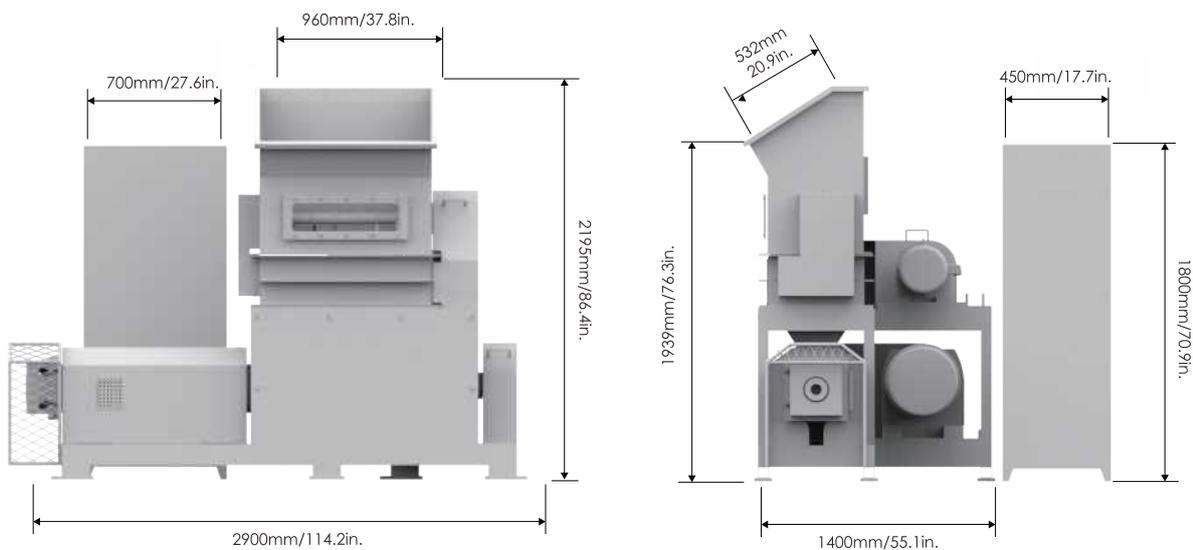
M-C100

CAPACITY
100 kg per hour
(220 lbs per hour)



M-C200

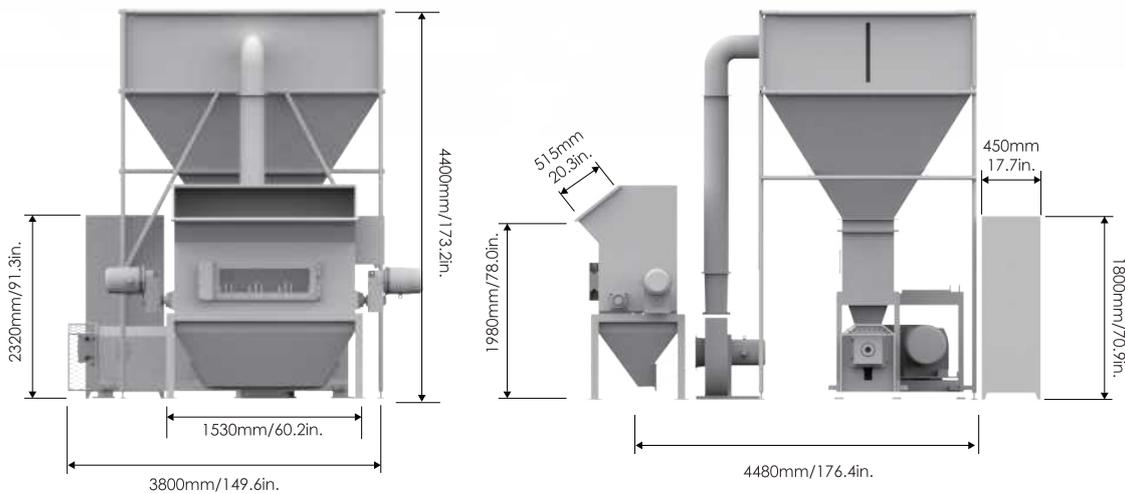
CAPACITY
200 kg per hour
(440 lbs per hour)



M-C300

CAPACITY

300 kg per hour
(660 lbs per hour)



TECHNICAL DATA

ITEM	M-C50	M-C100
Motor Power	7.5 kw/10.2 hp	22.9 kw/30.6 hp
Capacity	50 kg per hour/110 lbs per hour	100 kg per hour/220 lbs per hour
Compressed Foam Density	600-800 kg/m ³ /1320-1750 lbs/cubic yard	600-800 kg/m ³ /1320-1750 lbs/cubic yard
Feed Hopper Dimension	570*370 (l/w) mm/22.4*14.6 (l/w) in.	800*555 (l/w) mm/31.5*21.9 (l/w) in.
Dimensions	1410*1085*1600 (l/w/h) mm/55.5*42.7*63.0 (l/w/h) in.	2030*1430*2040 (l/w/h) mm/79.9*56.3*80.3 (l/w/h) in.
Shipping Dimensions	1510*1185*1850 (l/w/h) mm/59.4*46.7*72.8 (l/w/h) in.	2130*1530*2290 (l/w/h) mm/83.9*60.2*90.2 (l/w/h) in.
Weight	650 kg/1430 lbs	1,500 kg/3300 lbs

ITEM	M-C200	M-C300
Motor Power	37.5 kw/50 hp	43.5 kw/58.3 hp
Crusher power	—	2*4 kw/2*5.36 hp (Or according to your request)
Blower power	—	5.5 kw/7.37 hp (Or according to your request)
Silo Volume	—	10 m ³ /13 cubic yard (Or according to your request)
Capacity	200 kg per hour/440 lbs per hour	300 kg per hour/660 lbs per hour
Compressed Foam Density	600-800 kg/m ³ /1320-1750 lbs/cubic yard	600-800 kg/m ³ /1320-1750 lbs/cubic yard
Feed Hopper Dimension	960*532 (l/w) mm/37.8*20.9 (l/w) in.	1530*515 (l/w) mm/60.2*20.3 (l/w) in.
Dimensions	2900*1400*2195 (l/w/h) mm/114.2*55.1*86.4 (l/w/h) in.	3800*4480*4400 (l/w/h) mm/149.6*176.4*173.2 (l/w/h) in.
Shipping Dimensions	3000*1500*2445 (l/w/h) mm/118.1*59.1*96.3 (l/w/h) in.	—
Weight	2,500 kg/5500 lbs	3,200 kg/7041 lbs

INTCO RECYCLING

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