

HEAT MELT DENSIFIERS



HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-10

DENSIFIES

Polystyrene (EPS)

FEATURES

Processes up to 50 Lbs. /Hour of Loose EPS Foam
Reduces Foam Volume by Approximately 90 to 1

OPTIONS

Exhaust Vent Kit
Photo Eye
Molds



Technical Specifications

Power kW	3.4 kW
Voltage (V)	110V/220V single-phase
Weight (lbs./kg)	750 lbs. (340 kg)
Max. EPS Capacity	50 lbs./hour (23 kg/hour)
Feed Opening (W x H)	22" x 12" (550 x 279 mm)
Footprint (D x W x H)	47" x 51" x 61" (1203 x 1293 x 1539 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-12

DENSIFIES

Polystyrene (EPS)
Polyethylene (EPE)
Polypropylene (EPP)

FEATURES

Processes up to 150 Lbs. /Hour of Loose EPS
Foam Reduces Foam Volume by Approximately 90 to 1

OPTIONS

Exhaust Vent Kit
Photo Eye
Molds



Technical Specifications

Power kW	10 kW
Voltage (V)	230V/460V three-phase
Weight (lbs./kg)	838 lbs. (380 kg)
Max. EPS Capacity	150 lbs./hour (68 kg/hour)
Feed Opening (W x H)	22" x 12" (550 x 279 mm)
Footprint (D x W x H)	47" x 51" x 61" (1203 x 1293 x 1539 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-15

DENSIFIES

Polystyrene (EPS)
Polyethylene (EPE)
Polypropylene (EPP)

FEATURES

Processes up to 200 Lbs. /Hour of Loose EPS
Foam Reduces Foam Volume by Approximately 90 to 1

OPTIONS

Exhaust Vent Kit
Photo Eye
Molds



Technical Specifications

Power kW	13.5 kW
Voltage (V)	230V/460V three-phase
Weight (lbs./kg)	1653 lbs. (750 kg)
Max. EPS Capacity	200 lbs./hour (91 kg/hour)
Feed Opening (W x H)	26" x 16" (660 x 406 mm)
Footprint (D x W x H)	44" x 63" x 69" (1118 x 1600 x 1753 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-25

DENSIFIES

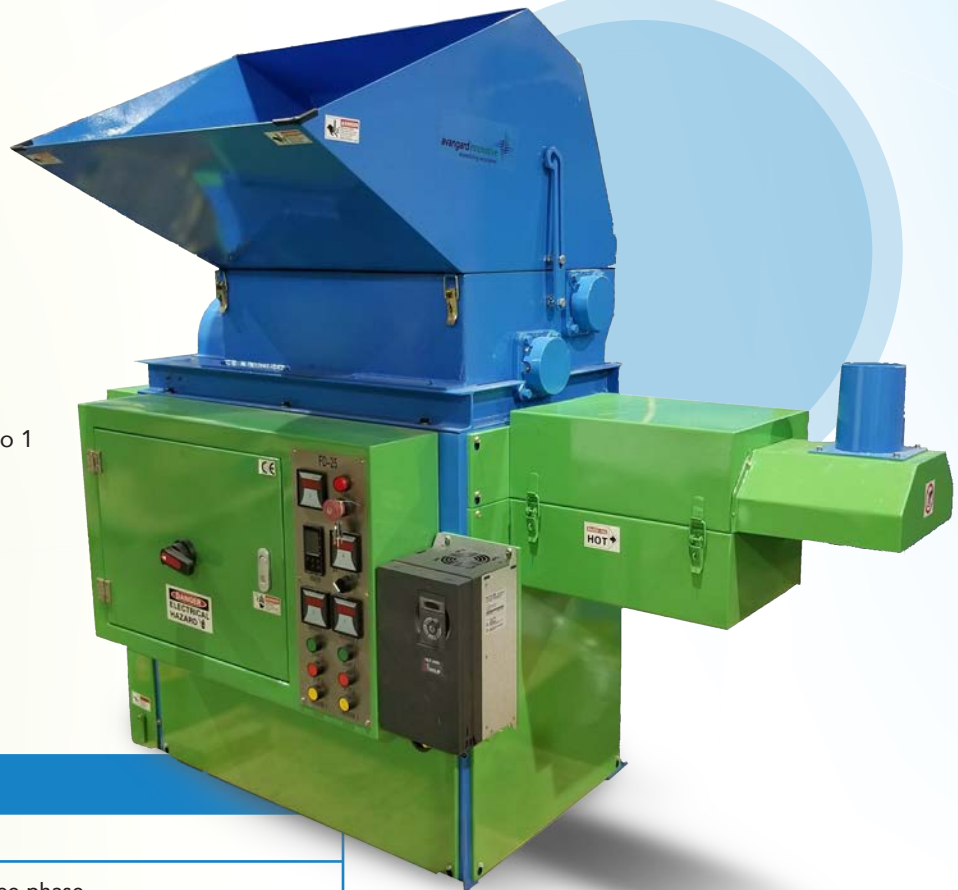
Polystyrene (EPS)
Polyethelyne (EPE)
Polypropylene (EPP)

FEATURES

Processes up to 275 Lbs. /Hour of Loose EPS
Foam Reduces Foam Volume by Approximately 90 to 1
Adjustable Production Speed

OPTIONS

Exhaust Vent Kit
Photo Eye
Molds



Technical Specifications

Power kW	21 kW
Voltage (V)	230V/460V three-phase
Weight (lbs./kg)	2425 lbs. (1100 kg)
Max. EPS Capacity	275 lbs./ hour (124 kg /hour)
Feed Opening (W x H)	32" x 25" (808 x 640 mm)
Footprint (D x W x H)	42" x 75" x 69" (1069 x 1904 x 1758 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-35

DENSIFIES

Polystyrene (EPS)
Polyethylene (EPE)
Polypropylene (EPP)

FEATURES

Processes up to 600 Lbs. /Hour of Loose EPS
Foam Shreds Foam Pieces up to 4 Feet Wide
Reduces Foam Volume by Approximately 90 to 1

OPTIONS

Molds



Technical Specifications

Power kW	50.5 kW
Voltage (V)	230V/460V three-phase
Weight (lbs./kg)	6173 lbs. (2800 kg)
Max. EPS Capacity	600 lbs./hours (363 kg/hour)
Feed Opening (W x H)	59" x 35" (1492 x 896 mm)
Footprint (D x W x H)	56" x 117" x 112" (1428 x 2984 x 2840 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-50

DENSIFIES

Polystyrene (EPS)
Polyethelyne (EPE)
Polypropylene (EPP)

FEATURES

Processes up to 550 Lbs. /Hour of Loose EPS Foam
Reduces Foam Volume by Approximately 90 to 1
Bag System to Increase Operator Productivity

OPTIONS

Exhaust Vent Kit
Photo Eye
Molds



Technical Specifications

Power kW	36.5 kW
Voltage (V)	30V/460V three-phase
Weight (lbs./kg)	2500 lbs. (1134 kg)
Max. EPS Capacity	550 lbs./hours (249 kg/hour)
Feed Opening (W x H)	24" x 24" (610 x 610 mm)
Footprint (D x W x H)	84" x 84" x 158" (2134 x 2134 x 4013 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-305

DENSIFIES

Polystyrene (EPS)
Polyethylene (EPE)
Polypropylene (EPP) as well as LDPE film,
bubble wrap and non-woven PP sheets

FEATURES

Processes up to 400 Lbs. /Hour
Reduces Volume by Approximately 50 to 1
Processes Sheets up to 3 Feet Wide

OPTIONS

Molds
Conveyor



Technical Specifications

Power kW	28.5 kW
Voltage (V)	230V/460V three-phase
Weight (lbs./kg)	6900 lbs. (3130 kg)
Max. EPS Capacity	400 lbs./hours (181 kg/hour)
Feed Opening (W x H)	39" x 33" (991 x 838 mm)
Footprint (D x W x H)	94" x 39" x 54" (2388 x 991 x 1372 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-335

DENSIFIES

Polystyrene (EPS)
Polyethelyne (EPE)
Polypropylene (EPP) as well as LDPE film,
bubble wrap and non-woven PP sheets

FEATURES

Processes up to 550 Lbs. /Hour of Loose EPS Foam
Reduces Foam Volume by Approximately 90 to 1
Processes Sheets up to 4 Feet Wide
Bag System to Increase Operator Productivity

OPTIONS

Molds



Technical Specifications

Power kW	59 kW
Voltage (V)	230V/460V three-phase
Weight (lbs./kg)	11900 lbs. (5389 kg)
Max. EPS Capacity	550 lbs./hours (544 kg/hour)
Feed Opening (W x H)	62" x 37" (1575 x 940 mm)
Footprint (D x W x H)	160" x 230" x 158" (4064 x 5842 x 4013 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-435

DENSIFIES

Polystyrene (EPS)
Polyethylene (EPE)
Polypropylene (EPP) as well as LDPE film,
bubble wrap and non-woven PP sheets

FEATURES

Processes up to 1200 Lbs. /Hour of Loose EPS Foam
Reduces Foam Volume by Approximately 90 to 1
Processes Sheets up to 4 Feet Wide
Bag System to Increase Operator Productivity

OPTIONS

Molds



Technical Specifications

Power kW	59 kW
Voltage (V)	230V /460V three-phase
Weight (lbs./kg)	11900 lbs. (5389 kg)
Max. EPS Capacity	1200 lbs./hours (544 kg/hour)
Feed Opening (W x H)	62" x 37" (1575 x 940 mm)
Footprint (D x W x H)	160" x 230" x 158" (4064 x 5842 x 4013 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-4450

DENSIFIES

Polystyrene (EPS)
Polyethelyne (EPE)
Polypropylene (EPP) as well as LDPE film,
bubble wrap and non-woven PP sheets

FEATURES

Processes up to 1200 Lbs. /Hour of Loose EPS Foam
Reduces Foam Volume by Approximately 90 to 1
Processes Sheets up to 4 Feet Wide
Bag System to Increase Operator Productivity

OPTIONS

Molds



Technical Specifications

Power kW	59 kW
Voltage (V)	230V /460V three-phase
Weight (lbs./kg)	11900 lbs. (5389 kg)
Max. EPS Capacity	1200 lbs./hours (544 kg/hour)
Feed Opening (W x H)	62" x 37" (1575 x 940 mm)
Footprint (D x W x H)	160" x 230" x 158" (4064 x 5842 x 4013 mm)

avaicg.com

HEAT MELT DENSIFIERS

Avangard Innovative provides a complete line of heat melt foam densifiers to help customers in the collection management of scrap foam material. Our machines process foam by densifying it into block form which becomes a marketable recycling product. We offer several makes and models in varying sizes and production capacities.

FD-8850

DENSIFIES

Polystyrene (EPS)
Polyethelyne (EPE)
Polypropylene (EPP) as well as LDPE film,
bubble wrap and non-woven PP sheets

FEATURES

Processes up to 1200 Lbs. /Hour of Loose EPS Foam
Reduces Foam Volume by Approximately 90 to 1
Processes Sheets up to 4 Feet Wide
Bag System to Increase Operator Productivity

OPTIONS

Molds



Technical Specifications

Power kW	59 kW
Voltage (V)	230V /460V three-phase
Weight (lbs./kg)	11900 lbs. (5389 kg)
Max. EPS Capacity	1200 lbs./hours (544 kg/hour)
Feed Opening (W x H)	62" x 37" (1575 x 940 mm)
Footprint (D x W x H)	160" x 230" x 158" (4064 x 5842 x 4013 mm)

avaicg.com