



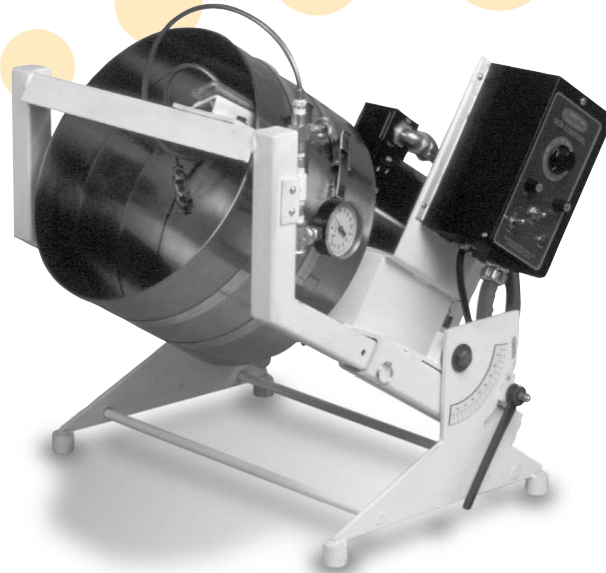
***Versatility  
and Simplicity  
in a Laboratory  
Pelletizer***

**MARS MINERAL**

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Division of Woodward, Inc.

# DP-14 “Agglo-Miser”



**Description**

The “**Agglo-Miser**” laboratory pelletizer is a multi-depth, bench-scale unit which permits a wide range of batch and/or continuous tests for powder and dust pelletizing. It is designed to provide three adjustable pan depths, and a selection of pan speeds and pan angle variations, up to 60° maximum.

The “**Agglo-Miser**” can be operated either as a shallow disc, or a deep drum to produce either micropellets, granules, or large balls.

**Application**

The compact size of the “Agglo-Miser” is well suited for granulation and pelletizing of laboratory quantities. Tests can be effectively conducted on chemicals, pharmaceuticals, foodstuffs, detergents, pigments, ceramics, glassmix, cement, fertilizer, mineral and metal fines, coal and flue dust.

Batch or continuous operating mode is possible at low, medium and deep pan settings by means of a basic 3" deep pan with two adapter rings for 6" and 9" depths.

**DP-14 Specifications**

- Pan Diameter: 14"
- Pan Depth: 3",6",9" adjustable.
- Pan Speed: 0-50 RPM.
- Pan Angle: Horizontal to 60° maximum.
- Drive: DC/SCR control drive, 1/8HP, 60 Hz, 120 volt.
- Scrapers: Two types for drum or pan type operation.
- Contact materials: Pan, rings and scrapers are made of type 304 stainless steel.
- Spray System: Piping, needle valve, pressure gauge, flexible tubing and nozzles.



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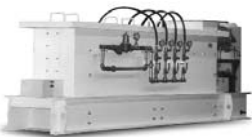
## Other Products by



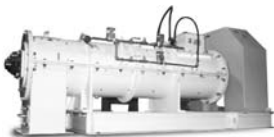
**Drum Pelletizer** is an inclined, deepdrum unit featuring an integral, rear-mounted auger feeder. It is ideal for densification and production of large diameter pellets.



**Disc Pelletizer** is ideal for micro-pelletizing a wide range of materials. Available in various sizes from 3 ft. to 25 ft. diameter. Provides 20° angle adjustment.



**Ampel** horizontal pelletizer/conditioner is utilized in applications requiring dedusting or conditioning of dust, fine powders and other minerals for disposal.



**Pin Mixer** for advanced pin-type micro-pelletizing. This new design from MMC is ideal for dedusting/dust wetting, solids/liquid mixing, preconditioning, chemical reactions and fluffing.

Some of the materials pelletized by Mars Mineral:

Alumina	Cement Kiln Dust	Incinerator Dust	Rockwool
Activated Carbide	Cerium Oxide	Iron Dust	Rutile Flour
Agricultural Lime	Char Fines	Iron Ore	Salt Furnace Dust
Alkali Dust	Chicken Litter	Iron Oxide	Sand - Foundry
Alloy Steel	Clay	Iron Oxide - Cupola	Sander Dust
Aluminum Dust	Coal Dust	Iron Oxide - Red	Scheelite Concentrate
Aluminum Dross	Coal Filter Cake	Iron Oxide - EAF	Scrubber Sludge
Aluminum Hydrate	Cobalt	Iron Rich Clay	Sewage Sludge
Aluminum Kiln	Coke	Iron Sludge	Shale
Aluminum Oxide	Coloidal Silica	Kaolin	Shot Peening Dust
Aluminum Potassium	Copper Filter Cake	Keichen Stellite	Silica Fume
Aluminum Silicate	Copper Concentrate	Kiln Dust	Silica Gel
Ammonium Sulfate	Copper E.S.P. Dust	Kish	Silicon
Ammonium Carbamate	Copper Furnace Dust	Kynar	Silicon Carbide
Ammonium Nitrate	Copper Reverts	Lasalocid	Silicon Metal Pwder
Anthracite Coal	Copper Ore	Lawn Nugget	Silicon Nitride Powder
Animal Nutrients	Corn Flour	Leach Residue	Silver Nitrate
AOD Baghouse	Crystalline Silica	Lead Battery Mix	Sinter Baghouse
Asbestos	Cupola Dust	Lead Battery Mud	Sinter Mix
Ascorbic Acid	Cyanuric Acid	Lead Blast Furnace	Soda Ash
Ash - Garbage	Desulfurization Ash	Lead Oxide	Sodium Chloride
Ash - Wood	Diatomaceous Earth	Lightweight Aggregate	Sodium Chlorite
Atrazine Herbicide	Diatomite	Lime	Sodium Polyacrylate
Ball Mill Dust	Dicalcium Phosphate	Lime Hydrate	Sodium Sulfate
Barley Flour	Dolomitic Limestone	Lime Kiln Dust	Sodium Tetraborate
Barium Hydroxide	Dried Sludge	Limestone	Soy Flour
Basalt Rock Dust	Electric Furnace	Litharge	Soy Lecithin
Bauxite	Feathermeal	Magnesium Chloride	Spent Lime
Beet Lime	Ferro Manganese	Magnesium Fluoride	Stainless Steel Dust
Bentonite	Ferro Silica	Madnesium Oxide	Steel - BOF
Bio Solids	Ferroalloy Dust	Manganese	Steel - AOD
Bituminous Coal	Ferrosilicon	Manganese Dioxide	Steel - EAF
Blast Furnace Dust	Ferrous Sulfate	Manganese Ore	Sugar Beet Lime
Blood - Spray Dried	Fertilizer	Manganese Oxide	Sulfur
Blood Meal	Fiberclay	Manure Ash	Sulfer Cake
BOF Dust	Fiberglass	Metallic Grindings	Sunflower Ash
Borax	Filter Cake	Metallurgical Coke	Swarf
Boron Furnace Dust	Fishmeal	Milorganite	Taconite
Bottom Ash	Flotation Concentrate	Municipal Sludg	Talc
Brake Lining Dust	Flue Dust	Nickel	Tin Concentrate
Briquette Baghouse	Fluorspar	Nickel/Cobalt Swarf	Tin Dust
Cadmium Dust	Flyash	Nickel/Cobalt Cake	Tri-Calcium Phosphate
Calcined Alumina	Foundry Dust	Nickel Oxide	Trona
Calcined Kaolin	Foundry Sand	Nickel Powder	Tungsten Carbide
Calcined Petroleum	Foundry Scale	Nickel Sulfate	Tungsten Powder
Calcium Hydroxide	Frit & Silica Dust	Nitrogen Fertilizer	Urea
Calcium Aluminate	Furnace Dust	Organic Fertilizer	Virgin TFE
Calcium Borate	Georgia Clay	Paper ust	Volcanic Rock Fines
Calcium Carbonate	Glass Dust	Peanut Hulls	Weld Powdr
Calcium Fluoride	Glass Fiber	Peat	Wood Flyash
Calcium Magnesium	Glass Filled TFE	Peat Moss	Zeolite
Calcium Silicate	Glass Fines - Ground	Perlite	Zinc
Calcium Soap	Glass Sludge	Petroleum Coke	Zinc Dross
Calcium Sterate	Gold Tailings	Phenolic Resin	Zinc Oxide
Calcium Sulfate	Grain Dust	Phosphate Clay	Zinc Sterate
Carbide Powder	Graphite	Phosphate Powder	
Carbon	Graphite Resin	Pigment	
Carbon Black	Gypsum	Pond Slime	
Carbon Ink	Gypsum - Synthetic	Potassium Sulfate	
Carbon Graphite	Gypsum Slurry	Refractoy Dust	
Cathode Mix	Humus	Rock Fines	...and yours!