



***Versatile,  
Compact  
Rear-Feeding  
Pelletizing***

**MARS MINERAL**

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Division of Woodward, Inc.

# Deep Drum Pelletizer



The Mars Mineral **Deep Drum Pelletizer** is an inclined, deep-drum unit featuring an integral, rear-mounted auger feeder. Its deep-drum design makes it ideal for applications requiring long retention time for densification and the production of large-diameter pellets.

The Deep Drum Pelletizer is an excellent choice for applications that require large, dense pellets for recycling, transportation or disposal.



# Deep Drum Pelletizer

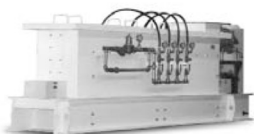
## Other Products by



**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.



**DP14 Agglo-Miser** laboratory pelletizer is a multi-depth, bench-scale unit that permits a wide range of batch and/or continuous tests for powder and dust pelletizing. Multi-depth, benchscale unit that permits a wide range of batch and/or continuous tests for powder and dust pelletizing.



**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.

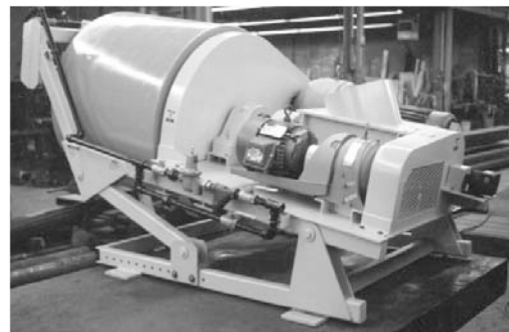
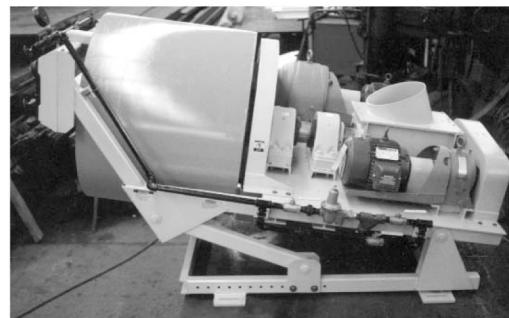
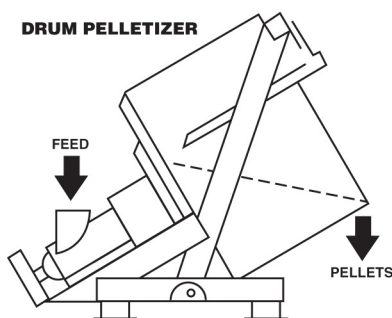
- Inclined deep-drum design
- Versatile unit for broad range of applications
- Integral rear auger feeder
- Compact and self-contained

The Deep Drum Pelletizer's low headroom requirement allows for installation in existing structures, and the patented, rear-feed auger provides an excellent opportunity to mix dry binders when required.

The drum of this pelletizer provides 30° angle adjustment and incorporates a binder spray system and adjustable wear-resistant scrapers. Other features of the unit include 1800 rpm motors with gear reducers and the specially-designed auger feeder.

Material enters the drum center through the feeder from the rear. This feeder consists of a larger conditioning auger which surrounds the feed auger. The conditioning auger arrangement eliminates material bridging in the feed hopper.

Because the feed enters below already processed material in the drum, dusting is kept to a minimum. This feature augments the unit's compact design, making it particularly suited for installation in space-restricted areas.



## Deep Drum Pelletizer Specifications

Model	Diameter	Capacity	HP 1	HP 2	Length	Width	Height	Weight
D 20	2'	1.0	1	1	6'-1"	3'-6"	5'-0"	1,400
D 30	3'-2'	3.0	5	2	6'-11"	4'-5"	5'-11"	2,700
D-40	4'-6"	6.0	10	5	9'-4"	5'-11"	8'-2"	6,000
D-60	6' 1	12.0	25	10	11'-11"	8'-3"	9'-5"	12,500
D 70	7'	20.0	30	10 1	3'-6"	10'-4"	11'-11"	15,000
D 80	8'	30.0	40	15	15'-1"	10'-4"	12'-9"	25,000
D 100	10'	60.0	60	15	18'-10"	12'-11"	15'-7"	50,000
D 120	12'	80.0	75	20	21'-0"	15'-9"	19'-7"	66,000
D 140	14'	125.0	100	20	27'-0"	18'-9"	20'-9"	92,000

CAPACITY IN TONS PER HOUR THROUGHPUT, BASED UPON FREE FLOWING MATERIAL WEIGHING 80 PCF. SPECIFICATIONS AND DIMENSIONS ARE FOR GENERAL USE ONLY.  
HP 1 = Drum HP 2 = Feeder