

# BARRACUDA™ VOLUMETRIC AUGER FEEDERS



SOLUTIONS THAT WORK



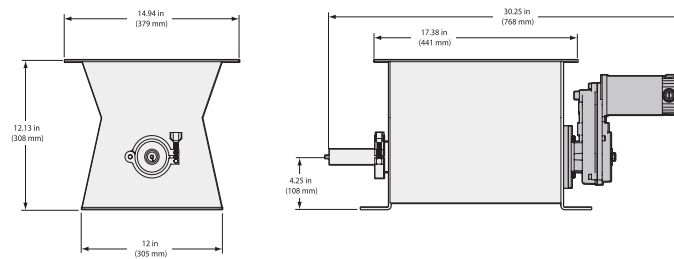
# Barracuda™ Specialty Feeders



Feed Rate Range:	0.0016 - 1 Cubic Feet per Hour
Materials of Construction:	304 Stainless Steel
Integral Hopper:	½ Cubic Foot
Gear Reducer / Output Speed (max):	1/20 HP, 90 VDC, 284:1 Ratio, 6.3 RPM

Standard Screw Dia.	1/2"	3/4"	1"	1-1/2"	2"
Standard Pitch	1/2"	1"	1 1/4"	2"	2"
Conveying Rate (Cu. Ft./Hr)	0.0016-0.016	0.007-0.07	0.016-0.16	0.06-0.6	0.1-1
Standard Screw Length	18-3/16"				
Standard Spout Length	5" From Face of Feeder Body, Other Lengths are Available				

## BARRACUDA 500A DIMENSIONS

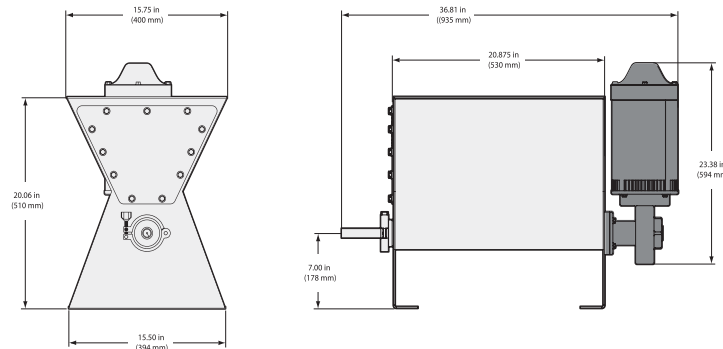


## BARRACUDA 1000A - CLOSE TOLERANCE, POTASSIUM PERMANGANATE FEEDER SPECIFICATIONS

Feed Rate Range:	0.02-15.2 Cubic Feet per Hour
Materials of Construction:	304 Stainless Steel
Integral Hopper:	1 Cubic Foot
Motor:	½ HP, 230/460 VAC, 3 Phase, 60 Hz, 56 C Frame, TENV, 1750 RPM
Gear Reducer / Output Speed (max):	20:1 / 87.5 RPM

Standard Screw Dia.	1/2"	3/4"	1"	1-1/2"	2"
Standard Pitch	1/2"	1"	1 1/4"	2"	2"
Conveying Rate (Cu. Ft./Hr)	0.02-0.2	0.1-1.0	0.23-2.3	0.85-8.5	1.5-15.2
Standard Screw Length	24-5/16"				
Standard Spout Length	5" From Face of Feeder Body, Other Lengths are Available				

## BARRACUDA 100A DIMENSIONS



# Barracuda™ Standard Feeders

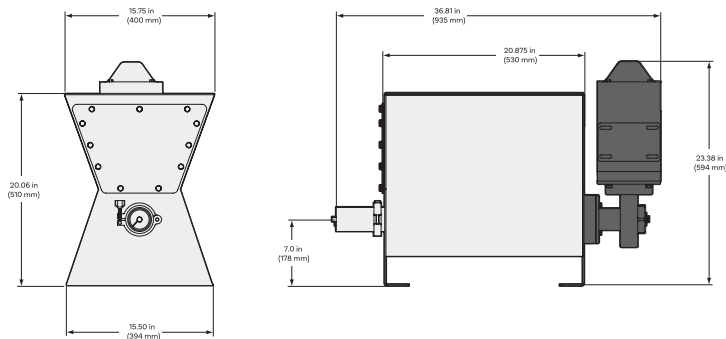


## BARRACUDA 1500A SPECIFICATIONS

Feed Rate Range:	0.02-15.2 Cubic Feet per Hour
Materials of Construction:	304 Stainless Steel
Integral Hopper:	1-1/2 Cubic Foot
Motor:	1/2 HP, 230/460 VAC, 3 Phase, 60 Hz, 140 TC Frame, TENV, 1750 RPM
Gear Reducer / Output Speed (max):	20:1 / 87.5 RPM

Standard Screw Dia.	1/2"	3/4"	1"	1-1/2"	2"
Standard Pitch	1/2"	1"	1 1/4"	2"	2"
Conveying Rate (Cu. Ft./Hr)	0.02-0.2	0.1-1.0	0.23-2.3	0.85-8.5	1.5-15.2
Standard Screw Length	24-5/16"				
Standard Spout Length	5" From Face of Feeder Body, Other Lengths are Available				

## BARRACUDA 1500A DIMENSIONS

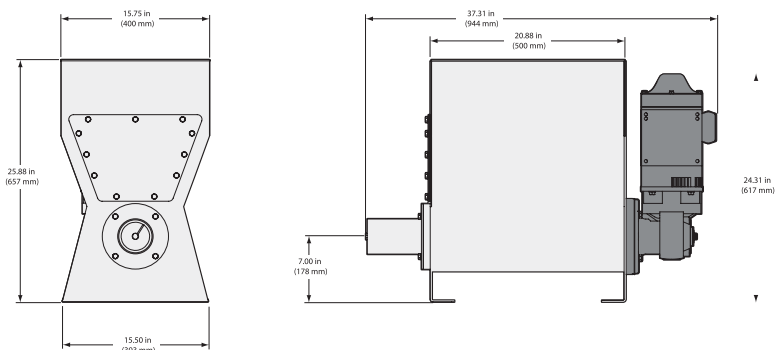


## BARRACUDA 3000A SPECIFICATIONS

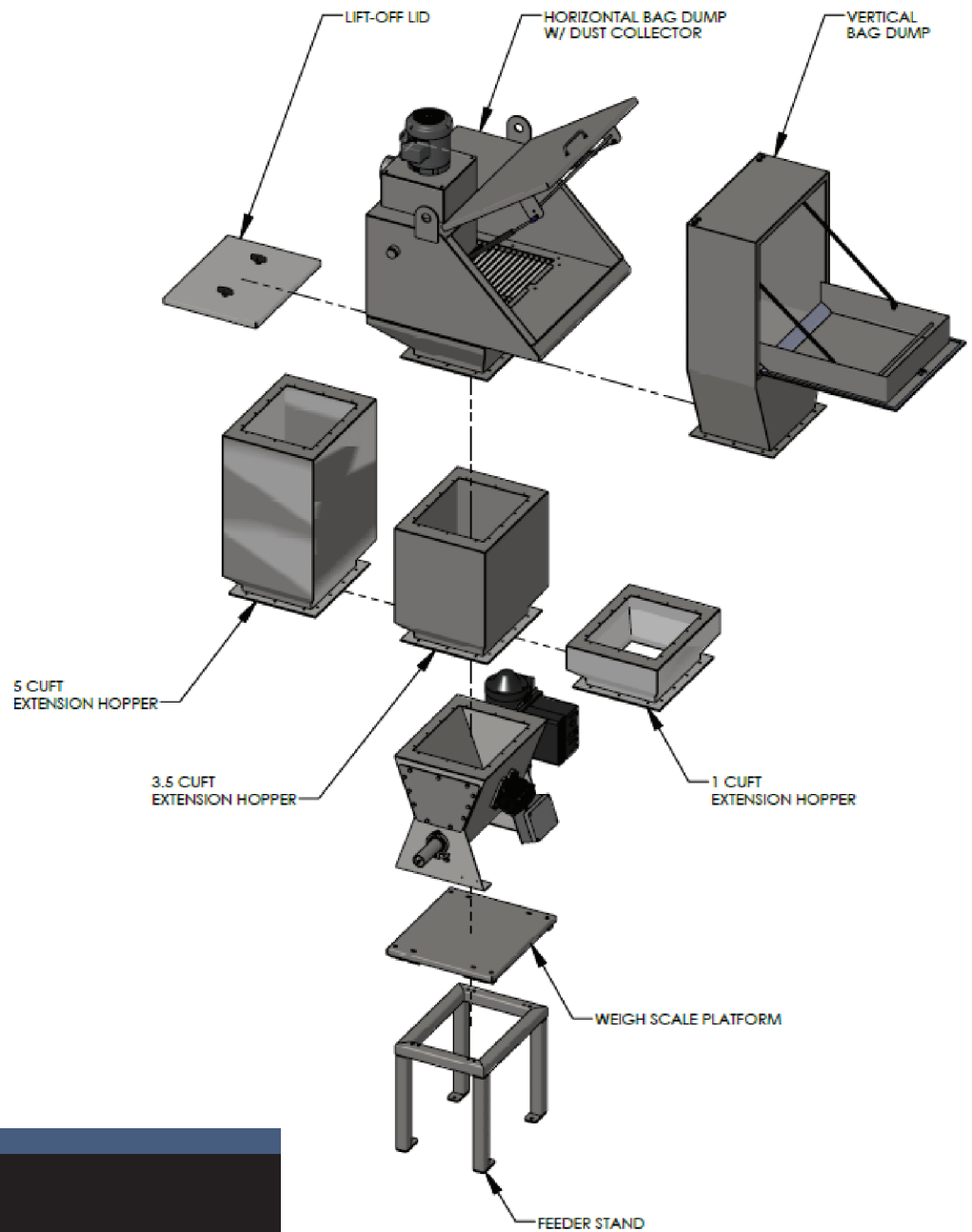
Feed Rate Range:	1.5-120 Cubic Feet per Hour
Materials of Construction:	304 Stainless Steel
Integral Hopper:	3 Cubic Foot
Motor:	1 1/2 HP, 230/460 VAC, 3 Phase, 60 Hz, 140 TC Frame, TENV, 1750 RPM
Gear Reducer / Output Speed (max):	20:1 / 87.5 RPM

Standard Screw Dia.	2"	2-1/2"	3"	1"	4"
Standard Pitch	2"	2-1/2"	3-1/2"	3-1/2"	4"
Conveying Rate (Cu. Ft./Hr)	1.5-15.2	2.9-29	6.2-62	7.2-72	12-120
Standard Screw Length	26-1/16"				
Standard Spout Length	6-3/4" From Face of Feeder Body, Other Lengths are Available				

## BARRACUDA 3000A DIMENSIONS



# Small Bag System With Barracuda Feeders



## Key Features:

- Accurate, Repeatable Feed Rates
- Overwind Material Conditioner
- Simple Direct Drive Assembly Maximizes Reliability
- Standard Motor & Gearbox Reduces Lead Time
- Easy Tooling Change-Out Minimizes Down Time
- Rugged Stainless Steel Construction

# Related Products

Improve your feeder with VeloDyne systems

## Small Bag System



## Bulk Bag Systems



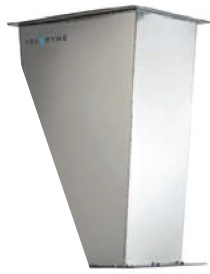
VeloDyne's bag systems are designed to discharge dry bulk solids and powders into a feed, mix or transfer system. Each system can be paired with dust control features, weighing, and handling options. VeloDyne's bulk bag frames can be designed with dust collector attachment points, as required by the application to minimize air borne particles. Custom bulk bag designs are available for projects that require a containerized system for discharging of product supplied in bulk bags for mobile or remote installations.

Since our inception in 1989, VeloDyne has provided the traditional single piece silo to our valued customers. In 2007 we introduced the first two part silo to the municipal market. VeloDyne takes the product, system, and the operators into consideration when designing a new silo system.

## Silo Systems



Extension Hopper



Bag Dump Station



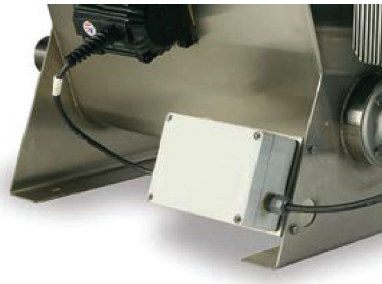
Mobile Stand



Augers & Overwinds



Vibrator & Timer Assembly



Drop-Out Bottom Hopper



VFD Controller



## Accessory Options

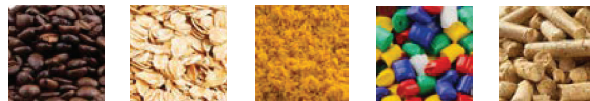
- Custom Auger Sizes
- Overwind Conditioning Auger
- Vibrator & Timer Assembly
- Extension Hoppers
- Bag Dump Station
- Level Sensors
- Scale for Loss in Weight
- Feeder Stand
- Drop-Out Bottom Hopper

## Control Integration

- VFD Controller (AC Motors)
- SCR Controller (DC Motors)
- Loss-In-Weight Control
- PLC, HMI, and PC Based Control Packages
- UL 508A Certified Panel
- CUL, CSA Option

## Free Material Testing

VeloDyne's testing facility provides product testing to determine proper sizing and accessory options needed for unique applications.



cleanwater<sup>1</sup>

543 S. Pierce Avenue | Louisville, CO 80027

Tel: 303.530.3298

Email: sales@velodynesystems.com

cleanwater<sup>1</sup>.com



The information provided in this literature contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of a written contract.