

AVEKA

**SPECIALISTS IN PARTICLE TECHNOLOGY
TOLL MANUFACTURING**



GRINDING & CLASSIFICATION

AVEKA'S particle grinding, milling, and classification services are suitable for a variety of industries including food, specialty chemical, pet care, and automotive.

AVEKA Inc features ball, bead, and jar milling, as well as hammer milling, cryogenic milling and jaw crushing. Milled material can be screened to remove particles over or under targeted specifications.

AVEKA Manufacturing, one of our large-scale manufacturing facilities, offers food grade hammer milling and screening.

AVEKA CCE Technologies offers industrial grade jet milling and air classification.

QUALITY PLEDGE

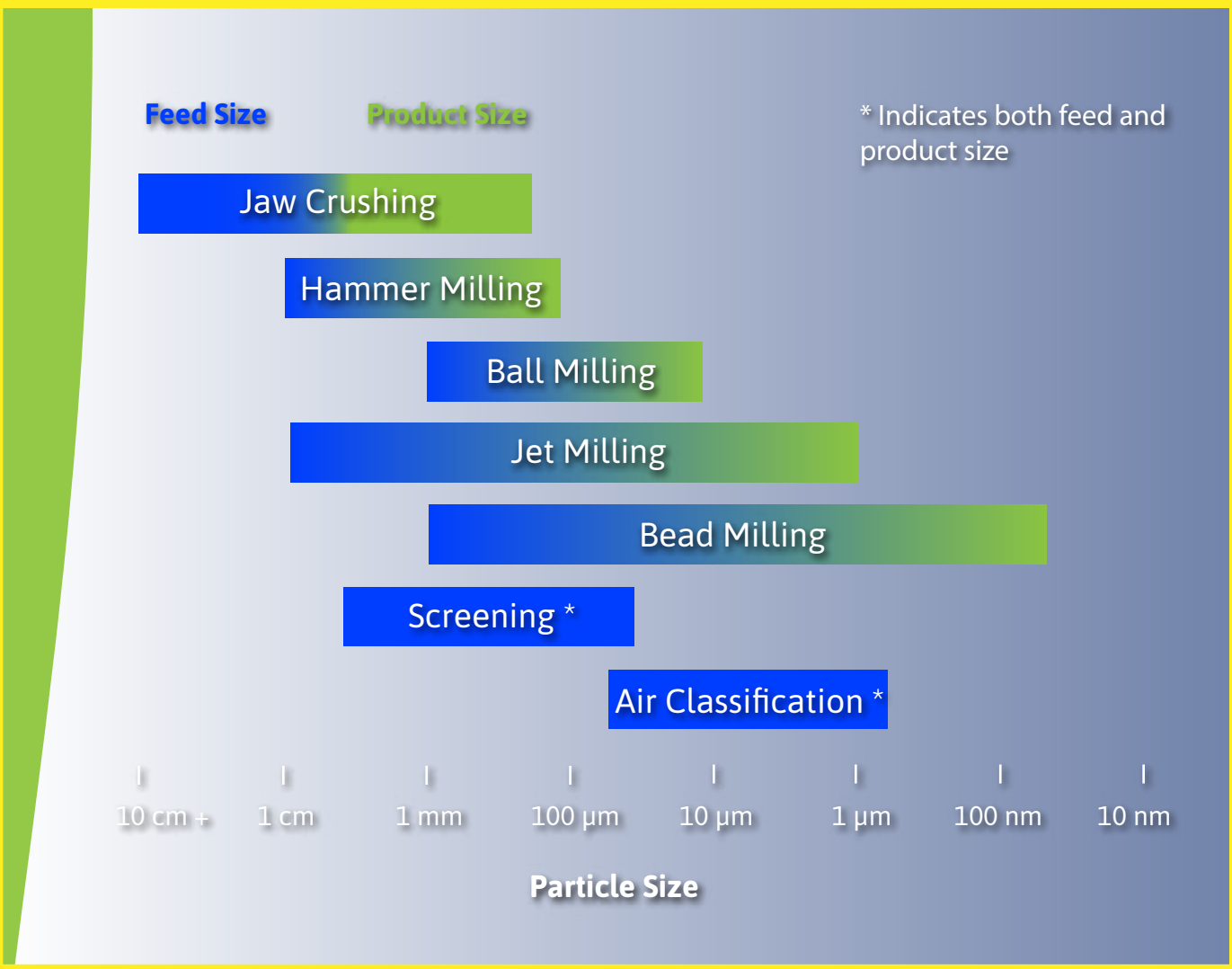
- COMMITMENT TO SAFETY
- PRIORITIZE CUSTOMER SATISFACTION
- CONSISTENT, EXCEPTIONAL PRODUCT
- STRONG BUSINESS PARTNERSHIP
- IP MODEL THAT WORKS FOR EVERYONE
- USDA, FSIS INSPECTED, CERTIFIED
- KOSHER CERTIFIED
- CERTIFIED ORGANIC
- FSSC 22000
- ISO 9001:2015
- HACCP PROGRAM

SERVICES AVAILABLE

- JET MILLING
- JAW CRUSHING
- HAMMER MILLING
- BALL MILLING
- BEAD MILLING
- VIBRATORY AND ULTRASONIC SCREENING
- AIR CLASSIFICATION



GRINDING & CLASSIFICATION



Technology	Wet	Dry	Food-Grade	Industrial	Details
Jaw Crushing		●		●	<ul style="list-style-type: none"> • Metal plates break large feed pieces • Useful “pre-crush” step
Hammer Milling		●	●	●	<ul style="list-style-type: none"> • Rapidly rotating hammers break particles • Inline screen helps regulate product size • Cryogenic milling for temperature sensitive materials
Ball Milling	●	●	●	●	<ul style="list-style-type: none"> • Uses grinding media inside a rotating drum
Jet Milling		●		●	<ul style="list-style-type: none"> • Media-less milling • Particles are directed at each other in opposing, high-pressure air streams
Bead Milling	●			●	<ul style="list-style-type: none"> • Uses grinding media • Creates fine dispersions in water
Screening		●	●	●	<ul style="list-style-type: none"> • Vibratory and ultrasonic • Motion and gravity separate particles based on size
Air Classification		●		●	<ul style="list-style-type: none"> • Opposing air flows and centrifugal forces separate particles based on density

● Grinding ● Classification