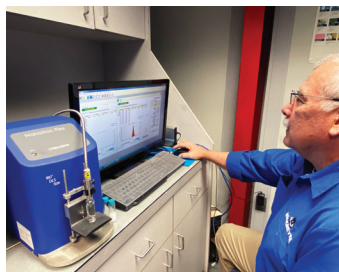




# HOCKMEYER EQUIPMENT CORPORATION

Hockmeyer Equipment Corporation has provided process solutions for over 80 years. We are a leader in the wet grinding and dispersion industry and offer custom designed process equipment for mixing, blending, dispersing, and milling. We are committed to maintaining our leadership position by providing our clients with custom-designed equipment of the highest quality, exceptional customer service and unparalleled technical support.



## APPLICATIONS LAB

See how the **NEXGEN™ Vacuum Recirculation Mill** can enhance your process. Contact our Laboratory Testing Facility today to schedule a trial.

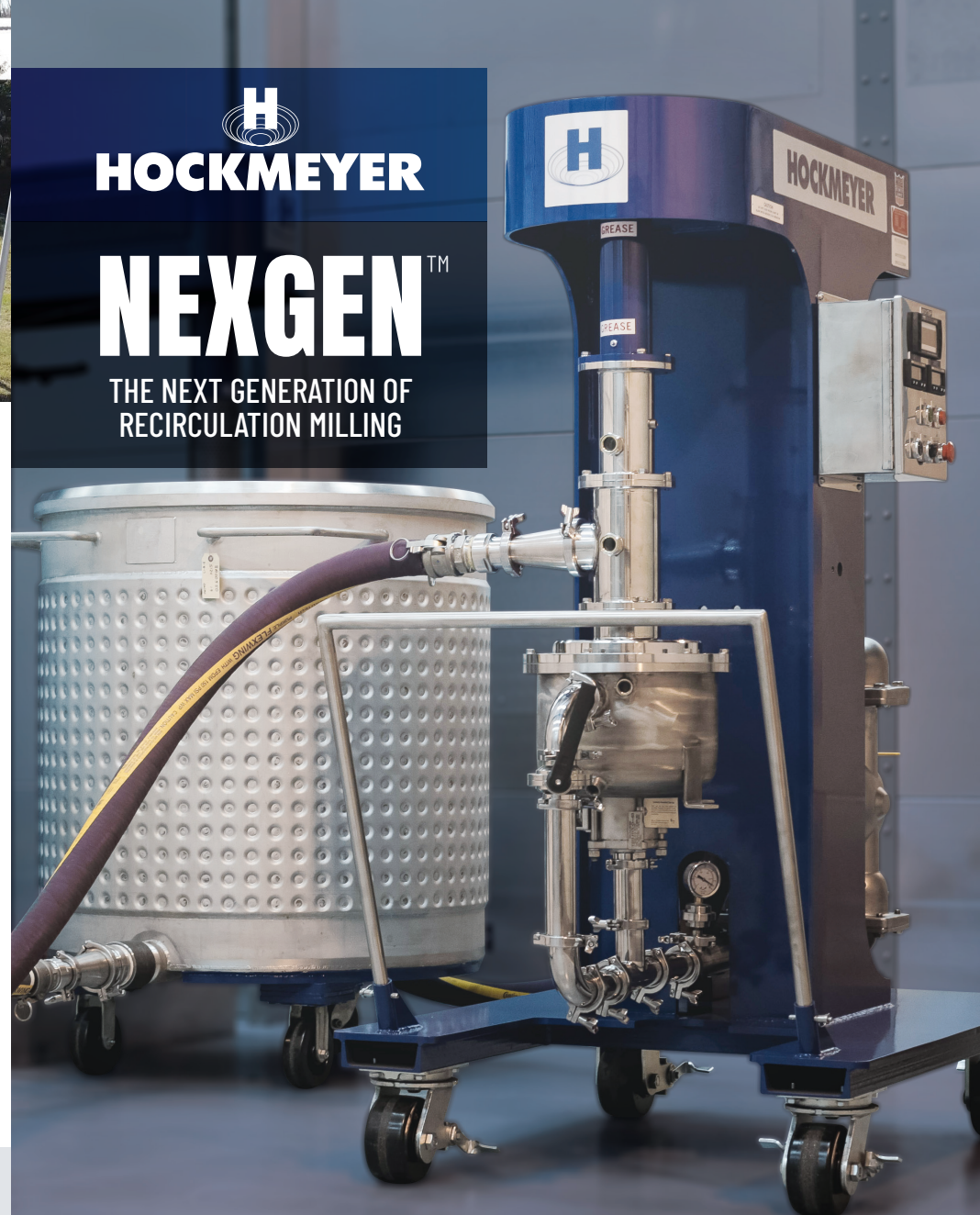
## LEARN MORE ABOUT OUR EQUIPMENT & SERVICES

### SALES

**T** 1.800.906.7278  
**@** sales@hockmeyer.com  
**W** hockmeyer.com

### HOCKMEYER EQUIPMENT CORP

**A** 6 Kitty Hawk Lane  
Elizabeth City, NC, 27909 USA  
**T** 252.338.4705



**H**  
**HOCKMEYER**

**NEXGEN™**  
THE NEXT GENERATION OF  
RECIRCULATION MILLING

**DISPERSE, MILL, DEAERATE... ALL AT ONCE**  
NO AIR, NO BUBBLES, NO FOAM, **JUST PRODUCT**

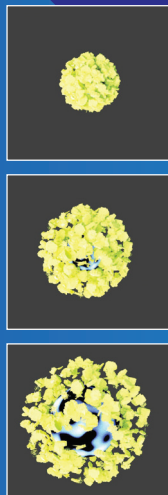
# NEXGEN™ ADVANTAGES

- » Production flexibility: Hook up to any existing tank, portable or permanent
- » Small footprint: designed for tight spaces
- » Easy to clean
- » Maximum product recovery
- » Wide range of media sizes, as small as 0.03mm
- » Rotating and stationary pegs for max shear
- » Rapid recirculation for tight particle distribution

## DEAERATION: THE EFFECTS OF VACUUM

While milling under vacuum, small amounts of air entrapped as bubbles within the agglomerates begin to expand and push apart the solids. The air separates from the solids and begins to accumulate in the mill's upper chamber. Once enough air accumulates, it is purged intermittently by the mill, returning to the supply tank and quickly rising to the top where it is released.

Removing air trapped inside agglomerates allows for faster wetting with liquids and resins.



## KEY FEATURES



### NANOTECHNOLOGY

Proven excellence in processing printing inks, conductive inks, agrochemicals, pharmaceuticals, electronics, and energy components to nano particle sizes.



### AUTOMATED CONTROLS

Automated digital controls allow for remote monitoring and controlling of the mill and formula management.

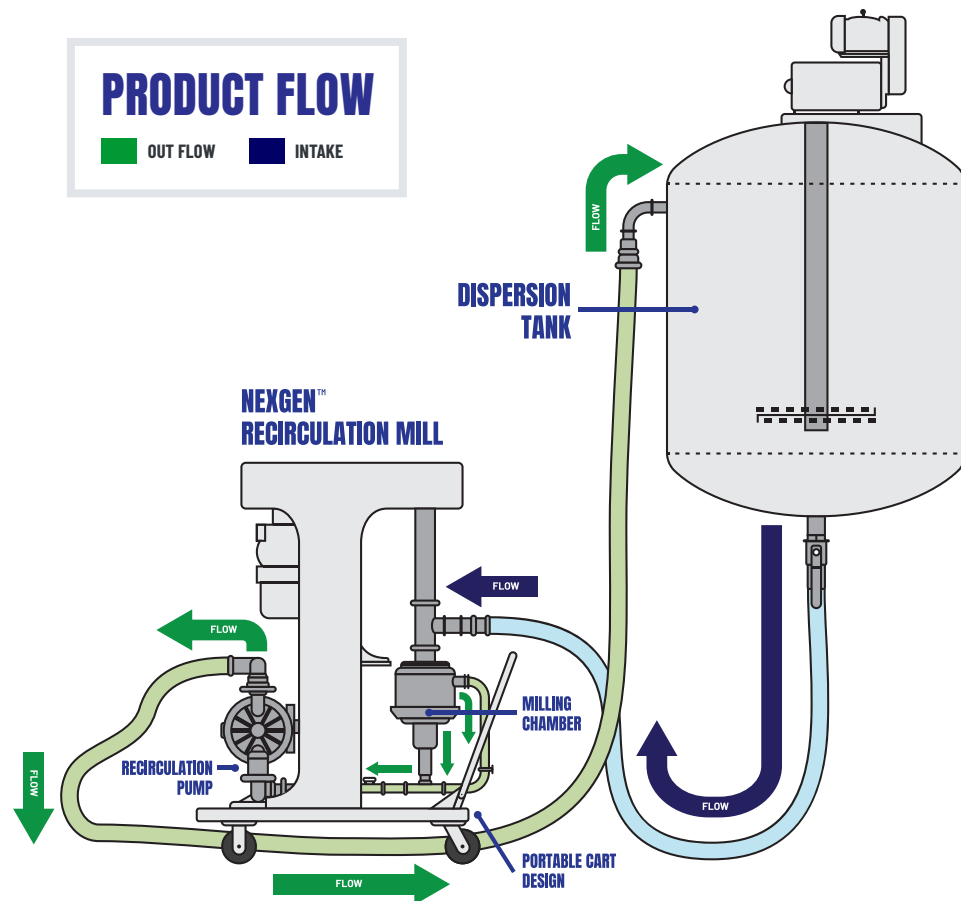


### MAINTENANCE CART

A must have for convenience, safety, and speed when servicing the mill.

## PRODUCT FLOW

OUT FLOW INTAKE



## MILL SIZES & CAPACITIES

MODEL	BATCH SIZE MIN/MAX ( GAL. )	MEDIA VOLUME
MICRO MILL	1L - 1 Gal	49mL
HNG - 2.5	15/50	2.5L
HNG - 5	35/100	4.5L
HNG - 20	150/400	18.5L
HNG - 60	400/1000	46L