

AERODRY CONNECT

VOL. 1 ISSUE 2 • JUL 2025



Welcome to the Second Edition of Aerodry CONNECT

Dear Team, Partners, and Valued Clients,

We're delighted to bring you the second bimonthly edition of Aerodry CONNECT- your go-to update on the latest innovations, milestones, and initiatives at Aerodry. In this issue, we spotlight our **Gravimetric Batch Blending unit** designed for precision, consistency, and smarter control across injection molding, extrusion, and blow molding operations.

We're also proud to share that a **brand-new, hi-tech facility** is coming up in Greater Noida, marking a major leap forward in our production and R&D capabilities. Adding to the momentum, we successfully hosted our **Annual Sales Meet** on the 16th and 17th of May, where teams came together to align, strategize, and celebrate collective progress.

Thank you for staying connected - there's much more innovation on the horizon.



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Elevate Your Production with Aerodry's Gravimetric Batch Blenders

In the fast-evolving world of polymer processing - Aerodry extends its precision portfolio with gravimetric batch blenders designed for injection molding, extrusion, and blow molding. Engineered under European standards, these systems reliably dose polymers, regrinds, and masterbatches - down to $\pm 0.1\%$, eliminating manual errors and ensuring consistent quality.

Meet the Lineup

Compact to Industrial-Scale Models

- AGB MECS: Our smallest, ultra-compact unit (≤ 250 kg/h) features a patented Easy Clean system and mounts directly on injection molding machines- perfect for frequent color or material changes
- AGB FLECS: Mid-range capacity (~ 250 kg/h) with the same compact footprint and cleanability - ideal for hybrid use across injection and extrusion.
- AGB 5: Fastest in its class (355–945 kg/h), with a 5 kg batch size - optimized for high-volume extrusion lines, and available with or without the Easy Clean system.
- AGB 10: Medium-capacity (750–1,800 kg/h), 10 kg batch size; programmed for facilities needing consistent dosing and ease of maintenance
- AGB 25: Our highest-capacity model (1,000–3,200 kg/h), 25 kg batch size, reliable and simple to operate with optional Ferlin Bridge interface



Precision and Usability at Its Best

- $\pm 0.1\%$ Dosing Accuracy: Load-cell based gravimetric weighing ensures precise component ratios every batch.
- Modular Control Suite: Systems range from handheld pendants to centralized PC units capable of managing up to 16 blenders, with full data logging and Excel export functionality.
- Stainless-Steel “Easy Clean” Hoppers: Patented quick-clean design reduces changeover time - minimizing downtime and cross-contamination.
- Global-Grade Durability: Rugged construction with CE compliance and ISO 9001 ensures reliable, long-term performance.

ROI You Can Measure

- Reduce Overspend: $\pm 0.1\%$ accuracy can cut material waste—especially costly additives and masterbatch—by up to 35%.
- Boost Uptime: Quick-clean features and modular control reduce idle time between jobs.
- Data-Driven Quality: Real-time logs, recipe recall, and alarm tracking enhance traceability and process control.
- Scalable Support: From small-scale workshops to full production ramps, Aerodry supports each setup with over 10,000 global installations and dedicated customer service



Technical specification of MECS & FLECS

Model	Number of components	Batch weight(Kg)	Capacity (kg/h) max*	Dimensions (mm)			Weight (Kg.) Approx
				L	W	H	
MECS-2	2	0.5	60	650	600	770	44
MECS-3	3	0.5	55				
MECS-4	4	0.5	50				
FLECS 2	2	1.5	280	700	655	885	60
FLECS 3	3	1.5	250				
FLECS 4	4	1.5	225				

* Bulk Density considered as 650Kg./dm

Design and Technical data may change due to continues research & development.

For further details contact our technical team

Salient Features

- Plug in handheld touch screen pendant for operating single or multiple Gravimix blenders.
- Centralized touch screen control (Optional) for operating and monitoring upto 16 blenders.
- Rigid European Stainless steel construction.
- Window based Software (optional) supplied to manage and operate upto 16 Gravimix blenders through a standard PC.
- Generate reports including alarm history, recipe change, and batch wise material consumption.
- Unlimited memory storage dependent on PC configuration.
- Software allows easy export of production data to MS excel.
- Innovative patented, easy cleaning system.
- Compact yet robust design.

MECS and FLECS both can help in the reduction of production waste, thereby helping **enhance dosing accuracy** and **optimise maintenance**. This further results in the reduction of 35% in the additive cost.

Aerodry's **AGB MECS** and **AGB FLECS** systems can offer the precision, efficiency and reliability needed.

Unlock 35% savings on additives

Optimise efficiency with Aerodry's AGB MECS & FLECS Systems.

- Effortless cleaning for faster changeovers
- Smart Engineering
- Reliable performance at 60 Kg/h & 250 Kg/h capacities



START SAVING WITH GRAVIMIX

AIDA : Your Cost-Saving Journey Starts Here

What is AIDA?

We’re guiding you through the proven AIDA model — Attention, Interest, Decision, Action - so you can clearly see how GRAVIMIX unlocks serious savings, boosts efficiency, and pays for itself in months.

Let’s break it down.

ATTENTION – Are You Overpaying for Color?

Are you an injection moulding company? Do you use a feeder to add masterbatch, you could be missing significant cost savings.

WHY? Because feeders are inaccurate

Our **Gravimix** batch blender offers much higher dosing accuracy, even directly on the inlet, and allows greater control over both virgin and masterbatch materials.

Example:

- A feeder dosing 0.2g (8 granules) can easily underdose, e.g., 1.75% instead of 2%.
- A batch blender dosing 14g (560 granules) is far more accurate, and even self-corrects.

95% of trials show ROI in just 3–9 months

DECISION – See Your Payback in Data

Join the 95% who saw real ROI in under 6 months.

- ✓ Use less colorant with no quality loss
- ✓ Replace overused masterbatch with lower-cost virgin

We don’t just offer a machine - we build your business case

Co-create the future of smart, cost-effective production

Get your personalized savings calculation

INTEREST – Accuracy = Lower Cost

Feeder-based dosing leads to overcompensation → wasted masterbatch.

GRAVIMIX changes that:

- ✓ Ultra-low dosage variation
- ✓ Handles both virgin and masterbatch
- ✓ Perfect for bright, expensive colors

Real-World Comparison

FEEDER SYSTEM	GRAVIMIX:
→ 2% dosing = 8 granules	→ 2% dosing = 560 granules
→ 1 granule off = 12.5% error	→ 10 granules off = 1.8% error

ACTION – Let’s Get Started

We calculate your payback time . We need just 3 numbers from you:

- Injection molding machine capacity (kg/h)
- Price per kg of masterbatch & virgin
- Production hours/day

Why Dose Blindly? GRAVIMIX Makes Every Granule Count.



A Recap of Our Energizing Offsite Sales & Service Meet!

At Aerodry, we know that great things happen when passionate minds come together—and our recent offsite Sales & Service Meet was a shining example of that. Set in an inspiring location, the two-day gathering sparked insightful discussions on market trends, celebrated our top performers, and fostered real collaboration through interactive sessions.

More than just strategy, this meet deepened connections, aligned our goals, and recharged our collective energy. We left with a clear vision, stronger bonds, and a renewed drive to go above and beyond for our customers - and for each other. Here's to the road ahead, together!

Aerodry celebrated 27 years of Excellence

This year marks a proud milestone in the Aerodry journey - **27 years of engineering excellence**, global impact, and trusted partnerships. What began with a single machine and a big dream has evolved into a legacy of innovation, reliability, and continuous growth.

Every system we've designed and delivered reflects our core values of integrity, precision, and people-first thinking.

As we celebrate this important milestone, we extend our heartfelt thanks to our clients, partners, and team members who've been part of this remarkable journey. Your belief in Aerodry continues to drive our pursuit of excellence. Thank You!



Aerodry at GCPRS'25

Aerodry was proud to be part of GCPRS 2025, a premier platform for sustainable plastic solutions. From **June 17–20** at Bharat Mandapam, our Stall C27 in Hall 6 was buzzing with innovation, ideas, and impactful conversations.

Thank you to everyone who stopped by - together, we're driving the future of recycling and sustainability forward!

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