



Hauschild ***SpeedMixer®***

SMART DAC 400.3 FVZ LR



Hauschild
SpeedMixer®

The Beauty of Precision

All content, including text, images, and technical information contained in this product catalog, constitutes the intellectual property of Hauschild GmbH & Co. KG and may not be reproduced or distributed without prior written permission.

Contents

Fifty Years of Mixing Innovation.....	3
Mix. Disperse. De-air. De-gas. Grind.....	4
The basic motion.....	4
What happens inside the sample.....	4
Degassing capability.....	4
Why no blades matter.....	4
LabCatch®.....	5
Common Industries and Applications.....	8
Common Industries and Applications.....	9
SpeedMixer™.....	10
Generations.....	10
Hauschild SpeedMixer® DAC.....	10
Hauschild SpeedMixer® SMART DAC.....	10
Safety Features & Compliance Overview.....	11
Built-In Safety Systems.....	11
Compliance & Certification.....	11
Series.....	12
DAC S-Series.....	12
SMART DAC M-Series (LabCatch® Ready).....	13
SMART DAC M-Series HV (LabCatch® Ready).....	16
SMART DAC L-Series (LabCatch® Ready).....	18
SpeedMixer Elephant (LabCatch® Ready).....	22
Robotic Solutions (LabCatch® Ready).....	23
Custom Made.....	28
Jars, buckets, holders and adapters, grinding kits.....	29
List of the most common PP cups.....	30
List of the most common Max cups.....	32
Filling System – Hauschild LeverPress.....	33

Fifty Years of Mixing Innovation.

Hauschild GmbH & Co. KG has grown over five decades into a global leader in high-precision mixing technology. The company's origins trace back to 1974, when Gerd-Ulrich Schmidt, a visionary engineer from Hamm, Germany, founded the firm and introduced a revolutionary new mixing principle: the Dual Asymmetric Centrifuge (DAC). Schmidt had completed the first prototype of the DAC already in 1973, laying the technological foundation for what would become one of the most influential innovations in bladeless, contamination-free material mixing.

The early years were marked by rapid progress. In 1974, production of the first commercial machine, the AM501, began, followed soon after by Hauschild's first appearances at international trade fairs in Tokyo, New York, and Montreal. The company quickly gained attention for delivering a mixing performance that was previously considered impossible—homogeneous, repeatable results without the need for blades or stirrers. This breakthrough positioned Hauschild as a pioneer in bladeless mixing, a reputation reinforced by scientific publications showcasing the DAC principle.



Gerd-Ulrich Schmidt



Over the following decades, Hauschild continued to refine and expand DAC technology. The company constructed its headquarters in Hamm in 1984 and later entered long-term collaborations with global partners, extending the reach of the Hauschild SpeedMixer® worldwide.

Today, Hauschild remains a family-owned business and a symbol of engineering excellence. With more than 50 years of expertise, it continues to innovate, from launching the SMART DAC series to introducing a digital platform like LabCatch®, while staying true to its legacy as the original inventor and manufacturer of DAC mixing technology.

In 2027 the **Hauschild Elephant**, with over one ton mixing capacity in 4 x 55 gal., will bring the DAC technology to the next level.

Hauschild collaborates with a global network of over 20 exclusive partners spanning more than 40 countries across all continents, built on rigorous selection, trusted long-term relationships, and the highest standards of professionalism to ensure strong local presence and customer support worldwide.

Mix. Disperse. De-air. De-gas. Grind.

The Dual Asymmetric Centrifuge, often shortened to DAC, is a mixing method developed and commercialized by Hauschild Engineering. It is best known through their SpeedMixer™ systems. The key idea is that the sample is mixed by motion alone, not by blades or paddles.

The basic motion.

A DAC uses **two simultaneous rotations**:

- Primary rotation: the sample cup spins rapidly around a central axis, like a centrifuge.
- Secondary asymmetric rotation: at the same time, the cup rotates around its own tilted axis in the opposite direction.

Because these two rotations are offset and not symmetrical, the material inside the cup is constantly forced to change direction.



What happens inside the sample.

This combined motion creates several effects at once:

- Shear forces: layers of material slide past each other, breaking up agglomerates and dispersing particles.
- Repeated stretching and folding: the contents are continuously reoriented, which promotes fast and uniform mixing.

No stirring tools are involved. The container itself is the only thing moving.

Why no blades matter.

- Because there are no mixing elements
- There is no contamination from tools
- Very high viscosities can be mixed
- Abrasive or reactive materials cause less wear
- Cleaning is minimal since the sample stays sealed

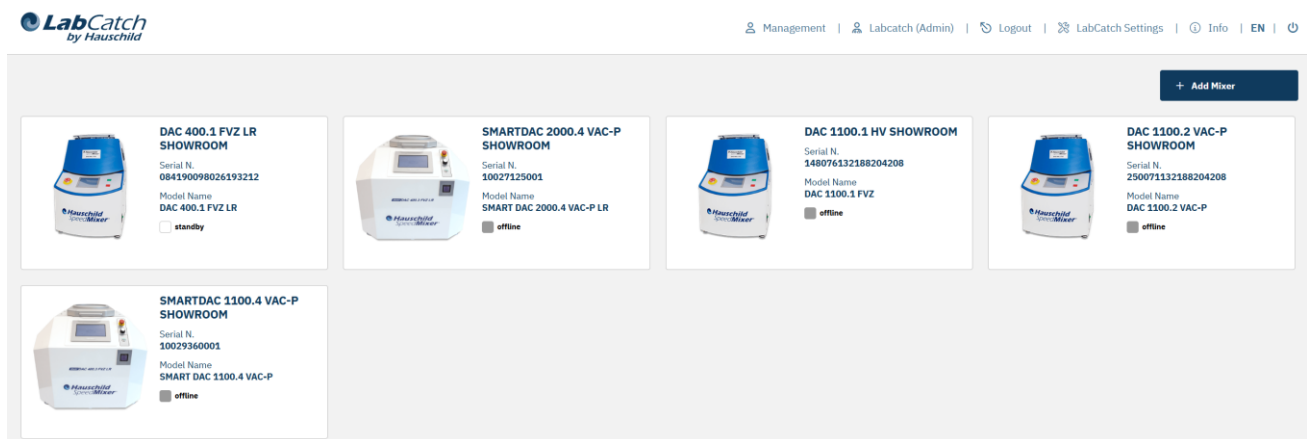
Degassing capability.

- Collapse air bubbles
- Drive trapped gas toward the surface
- De-air viscous materials without vacuum
- Mixing and degassing often happen in a single short cycle.

LabCatch®.

Stop Recording Manually. Achieve Full Traceability & Mix Smarter.

LabCatch is a digital platform that connects to the Hauschild SpeedMixer® and captures every detail of each mix. It manages recipes, documents trials, tracks batches and helps labs maintain full traceability. It connects directly through a dedicated hardware unit that reads machine data in real time. No changes to the Hauschild SpeedMixer® are required.



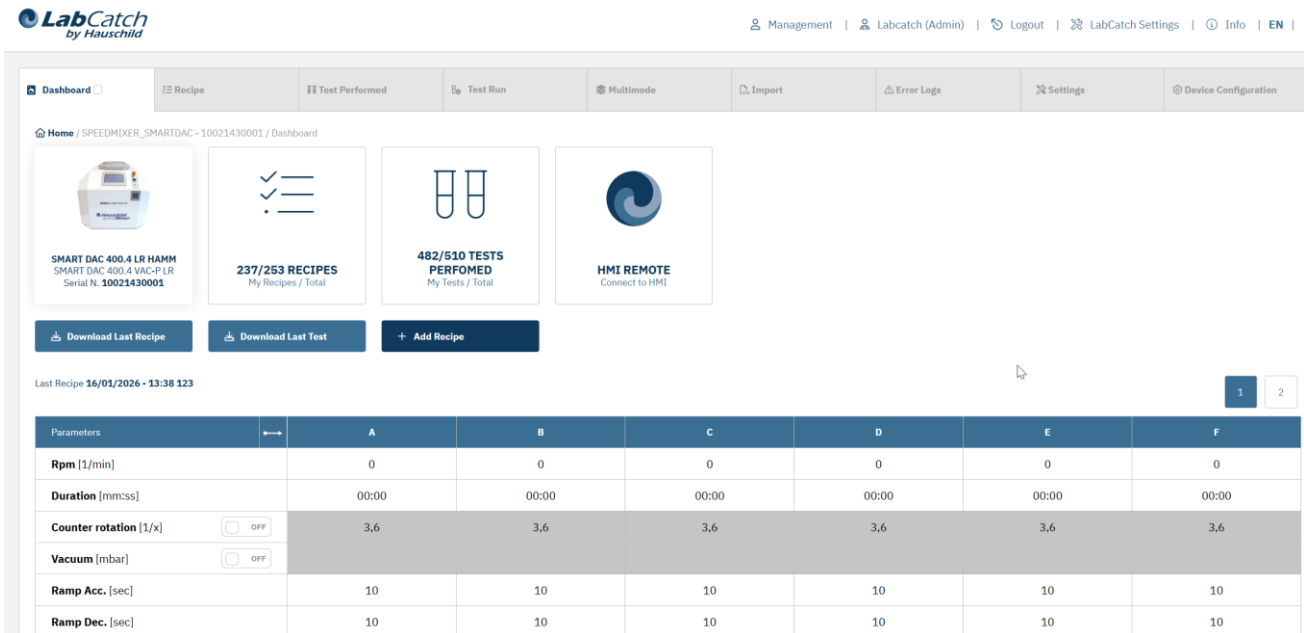
It logs every parameter of the mix, including program details, time, speed, operator, batch notes, attachments and final results. All data is stored automatically.

LabCatch is designed to support your entire workflow, from initial experiments in R&D all the way to full-scale production. Start with small batches using the SMART DAC 250, and scale up confidently to larger volumes with the new SMART DAC L-Series that can mix up to 2 x 15 kg, retaining the same process parameters, mixing profiles, and quality standards at every step.

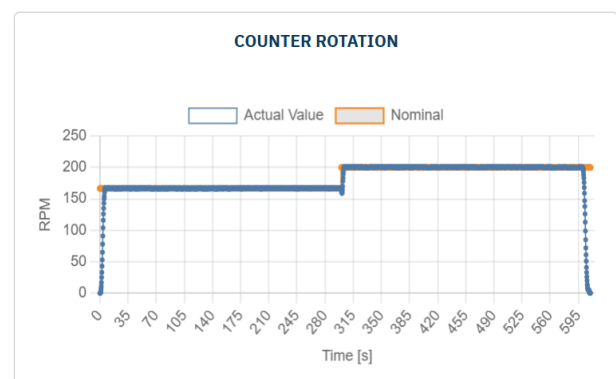
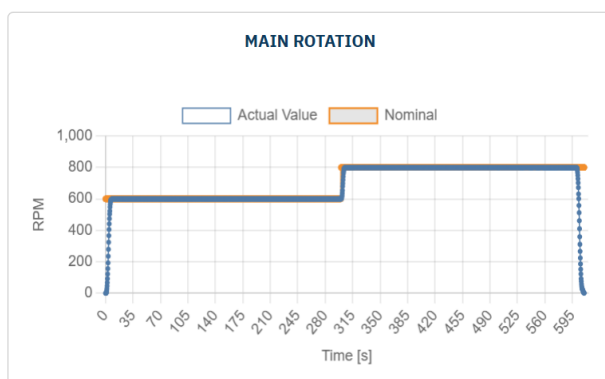
It's designed for R&D labs, scale-up teams and production groups working, among many others, in chemistry, aerospace, coatings, materials science, pharmaceuticals, food, adhesives, silicones and sealants.

LabCatch gives you a recipe library where you can create, edit, organize and reuse mixing programs. You can also upload mixing programs from your Hauschild SpeedMixer® or share programs across different labs.

The SmartBox uses encryption, a hardened Linux environment, TPM hardware security and user-level access control. All data is stored securely.



Transform your Hauschild SpeedMixer® network into a fully digital, traceable, and audit-ready ecosystem. Capture every parameter for complete traceability, secure your IP, and eliminate human error—automatically.



- It works with most of the Hauschild SpeedMixer®
- Multiuser
- Detailed reporting
- Add structured data
- Connects seamlessly to LIMS, MES, ERP, and BI Tools.
- Open API architecture for custom data flows.
- Locally Hosted Data via the LabCatch SmartBox (No mandatory cloud dependency).
- Allows remote connection by Hauschild's technicians for complete diagnostic and troubleshooting



SMART DAC 400.3 FVZ LR

 **Hauschild**
SpeedMixer®

Common Industries and Applications

The SpeedMixer™ are being used in hundreds of material-processing scenarios.

Adhesives & Sealants Industry

- Epoxy and polyurethane formulation
- Sealant homogenization
- Multi-component adhesive activation
- Cartridge filling (via SpeedDisk + LeverPress)
- Bubble-free packaging of reactive adhesives

Dental Industry

- Dental composite mixing
- Impression materials
- Fillers, cements, bonding agents
- Custom shade development

Pharmaceuticals & Medical Devices

- Pacemaker epoxy mixing
- Medical-class III device formulation
- Defibrillator component potting
- Mixing coatings for endoscopes (optics) – *zero bubble tolerance*
- Biomaterial suspensions
- Highly viscous drug carriers
- Mixing sterile compounds in closed cups

Optics Industry

- Optical coatings
- Lens adhesive mixing
- Bubble-free epoxy for high-precision optical assemblies
- Restorative coating refurbishment

Aerospace & Defense

- Energetic materials mixing
- Rocket propellant R&D micro-batches
- Aerospace resin systems
- High-performance elastomers (noted for Trelleborg)
- Military-grade adhesives
- Low-volume, high-precision composite mixes

Battery Manufacturing

- Cathode slurry mixing
- Anode slurry mixing
- Electrolyte-polymer mixing
- Dispersion of conductive additives

Academic & Research Laboratories

- Reproducible experimental mixing
- Polymer research
- Composites R&D
- Small-scale, replicable exploratory tests

Food Industry

- Small-batch emulsions
- Flavor carrier mixing (non-industrial scale)
- Non-air-sensitive viscous blends

Automotive Industry

- Silicone & epoxy adhesives
- Sensor potting compounds
- Interior trim coatings
- Prototyping polymer blends

Cosmetics & Beauty Industry

- Creams, gels & pastes
- Pigmented cosmetic formulations
- Batch-to-batch R&D consistency

General Material Science & R&D (Cross-industry)

- Mixing powders, pastes, liquids
- Rapid prototyping of formulations
- Viscosity, temperature, density-dependent mixing in SMART DAC
- Dispersion of fillers, fibers, nanoparticles
- Degassing & bubble removal

Food Industry

- Chocolate, cookie filling
- Meat alternatives

Common Industries and Applications

Lubricants & Tribology

- Grease homogenization
- High-viscosity lubricant formulation
- Additive dispersion
- Prototype lubricant development

3D Printing & Additive Manufacturing

- Photopolymer mixing
- Resin/particle dispersion for SLA & DLP
- Filled nylon / filled resins
- Paste extrusion materials
- Ceramic 3D-print slurry preparation

Compounding Pharmacies

- Topical & Transdermal Preparations such as
- Hormone replacement therapy (HRT) creams and pain creams
- Oral Suspensions & Solutions
- Powder Blends for capsules and tablets
- Suppositories & Oral Troches

Cannabis Industry

- Vape oil manufacturing
- Terpene distillate introduction
- Purging & stripping solvents (butane removal)
- Infusing oils (high viscosity)
- Distillate homogenization

Inks & Coatings Industry

- Color matching
- Tint strength testing
- Pigment dispersion & carbon black ASTM
- Grinding pigments (in-cup)
- R\&D tech-service sample prep
- Bubble-free ink formulation

Powder Metallurgy Industry

- Powder-binder mixing
- Polymer-metal composite blending
- Pre-sinter mixture homogenization

Energetics & Defense Propellants

- Energetic materials (RDX, HMX binders)
- Propellant R\&D (micro-batches)
- Hybrid fuel-binder development
- Non-shear, sealed mixing for safety

Petroleum & Industrial Elastomers

- Rubber & elastomer additives
- High-viscosity polymer blends
- Oilfield sealing compounds

Industrial Coatings, Resins & Polymers

- Resin masterbatch prep
- Nano-particle dispersions
- High-solid coatings
- Thermal interface materials

Vacuum & High-Purity Processing

- Vacuum degassing
- Bubble-free samples for QC
- Purification cycles

Cartridge, Syringe, and Extrusion Packaging Across Sectors

- Direct filling via SpeedDisk + LeverPress
- Clean transfer with no air
- Multi-syringe parallel filling

Robotics & Automated Production Lines

- Automated ingredient loading
- Continuous quality-monitored mixing
- Integration with MES/LIMS (supported by LabCatch)

Data-Driven R\&D, QA/QC & Production (via LabCatch)

- Digital traceability of batches
- Comparative analytics for formulation optimization
- Automated documentation for high-accuracy industries
- Audit-ready mixing process monitoring

SpeedMixer™

Generations

Hauschild SpeedMixer® DAC.

Hauschild Engineering has led precision mixing since inventing the original Dual Asymmetric Centrifuge (DAC) technology in 1973. The legacy SpeedMixer™ DAC models became industry standards, valued for their robustness, reliability, and consistent mixing performance across R&D and production environments.



Hauschild SpeedMixer® SMART DAC.

Building on the DAC foundation, Hauschild launched the SMART DAC in 2021, introducing the most advanced evolution of the technology. The SMART DAC integrates modern hardware, real time material's temperature monitoring and control, independent variable counter rotation, touchscreen controls, enhanced safety systems, and intelligent process automation. Together, the DAC and SMART DAC generations represent Hauschild's continuous innovation, preserving proven technology while delivering new levels of efficiency, usability, and digital connectivity.



Hauschild SpeedMixer® Elephant.

The SpeedMixer™ “Elephant” is the largest and most powerful system in the Hauschild portfolio, designed for industrial-scale mixing. It enables simultaneous processing of up to 4 × 55-gallon containers, achieving a total capacity of well over one ton of material per cycle. Based on dual asymmetric centrifuge (DAC) technology, it delivers fast, homogeneous, and contact-free mixing, combining dispersion and deaeration.

Safety Features & Compliance Overview

The Hauschild SpeedMixer® platform is engineered with a comprehensive set of safety mechanisms designed to protect operators, ensure process stability, and support compliance with international regulatory standards. From the compact S-Series to the high-capacity SMART DAC L-Series and robotic systems, every model integrates hardware and software features that safeguard both the user and the material being processed.

Built-In Safety Systems

- **Automated lid detection & interlocks.**
- **Imbalance sensors**, an integrated imbalance sensor and light barrier continuously monitor the mixing motion and automatically stop the machine in the event of excessive vibration, ensuring maximum operator safety and equipment protection.
- **Reinforced dual-wall housing** prevents mechanical hazards and ensures stability even at high rotational forces.
- **Precision-balanced rotating arms** minimize vibration, reduce mechanical wear, and maintain consistent mixing performance.
- **Automatic locking lid** prevents operation unless fully secured.
- **Smoke, fire, and gas sensors** can be integrated for environments involving reactive or volatile materials.
- **Dissolved-gas monitoring**, available on SMART DAC systems, enables improved control of degassing behavior.
- **Emergency-stop circuitry** built into all units ensures immediate shutdown if needed.
- **Sealed-container processing** keeps hazardous or sensitive materials contained at all times.
- **Input for inert gas (Nitrogen, Argon)** inside the vacuum chamber.

Compliance & Certification

CE Certified

All Hauschild SpeedMixer® devices (except for the Robot Series) carry **CE certification**, confirming compliance with the essential requirements of:

- EU Machinery Directive
- Low Voltage Directive
- Electromagnetic Compatibility (EMC) Directive
- Relevant harmonized EN standards

UL 61010 – Compliant (Not Certified)

Hauschild SpeedMixer® systems are **UL 61010 compliant**, meaning they are designed and manufactured in accordance with the safety principles defined for laboratory equipment in the UL 61010-1 standard.

Series

The Hauschild SpeedMixer® are available in different sizes or Series depending on the weight of the batch.

DAC S-Series

Capable of processing quantities ranging from just a few grams up to approximately 250 grams, the Hauschild **benchtop devices** offer highly efficient mixing performance in a compact footprint. Designed to accommodate containers up to 310 ml, these models deliver reliable and repeatable results across a wide range of materials. Although they are not equipped with an integrated vacuum chamber, Hauschild has developed an innovative system that enables the use of special containers from which air can be extracted before the mixing cycle begins.

The DAC S-Series is available in two fully programmable versions: FVZ and SP. Both feature an intuitive color touchscreen interface, allowing easy control, quick parameter adjustments, and the storage of customized mixing profiles. The SP model offers extended capabilities, including longer allowable mixing times and a more advanced software structure. With five mixing zones and the capacity to store up to 100 user-defined programs, the SP version is ideal for users who require precise, repeatable workflows and greater process flexibility.



Model	DAC 150.3 FVZ	DAC 150.3 SP	DAC 250.3 FVZ	DAC 250.3 SP
Mixing speed – RPM	300 – 3500	300 – 3500	300 – 2500	300 – 2500
Gross mixing capacity	up to 150 g (0.33 lb.)	up to 150 g (0.33 lb.)	up to 250 g (0.55 lb.)	up to 250 g (0.55 lb.)
Vacuum	No			
Programs	5	100	5	100
Mixing zones per program	1	5	1	5
Max runtime per cycle	5 min.	10 min.	5 min.	10 min.
User interface	5" Touchscreen			
Width	305 mm (12")			
Height (lid open)	720 mm (28.4")			
Depth	405 mm (16")			
Weight	32 kg (70.4 lb.)		35 kg (77 lb.)	
Input power	120 V & 230 V			

SMART DAC M-Series (LabCatch® Ready).

The SMART DAC M-Series represents the next evolution of laboratory bladeless mixing, replacing the legacy DAC M-Series that established the global benchmark for reliable, reproducible, and contamination-free material processing.



Designed for versatility and performance, the SMART DAC M-Series covers a broad working range from **200 grams up to 2 kilograms**, accommodating containers with volumes up to **2.8 liters**. This makes the system suitable for applications in research, quality control, small-batch production, and formulation development across numerous industries. A key enhancement of the new generation is the integration of the **LR (Long Radius)** arm, which significantly increases the mixing capability by improving centrifugal forces and flow dynamics within the container. In addition, the SMART DAC M-Series incorporates a suite of advanced technological features engineered to optimize process control and enhance operational safety. A **stroboscopic light** synchronized with the speed of rotation can provide meaningful visual feedback about the mixing in process. **Real-Time Material Temperature Monitoring and Control** ensures that thermal-sensitive materials remain within defined parameters throughout the mixing cycle. **Variable Counter Rotation** provides greater flexibility for tailoring shear levels and achieving more homogeneous results across diverse viscosities.

For increased workplace safety, the system supports integration of additional sensors, including fire and smoke detection as well as dissolved-gas monitoring, enabling early detection of abnormal conditions. Together, these innovations make the SMART DAC M-Series the most intelligent, efficient, and safety-focused solution in its class.



SMART DAC M-Series - STANDARD

250 - 700 g				
Model	SMART DAC 250.3 FVZ LR	SMART DAC 400.3 FVZ LR	SMART DAC 600.3 FVZ LR	SMART DAC 700.3 FVZ LR
Mixing speed – RPM	50 – 2500	50 – 2400	50 – 2200	50 – 2000
Gross mixing capacity	up to 250 g (0.55 lb.)	up to 400 g (0.88 lb.)	up to 600 g (1.32 lb.)	up to 700 g (1.54 lb.)
Vacuum	No			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	106 kg (234 lb.)	110 kg (242 lb.)	112 kg (247 lb.)	114 kg (251 lb.)
Input power	120 V & 230 V			

800 - 2000 g				
Model	SMART DAC 800.3 FVZ LR	SMART DAC 1100.3 FVZ	SMART DAC 1500.3 FVZ	SMART DAC 2000.3 FVZ
Mixing speed – RPM	50 – 1850	50 – 1700	50 – 1400	50 – 1200
Gross mixing capacity	up to 800 g (1.76 lb.)	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	No			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	116 kg (256 lb.)	118 kg (260 lb.)	120 kg (265 lb.)	125 kg (276 lb.)
Input power	120 V & 230 V			



SMART DAC M-Series - VACUUM

250 - 700 g				
Model	SMART DAC 250.4 VAC-P LR	SMART DAC 400.4 VAC-P LR	SMART DAC 600.4 VAC-P LR	SMART DAC 700.4 VAC-P LR
Mixing speed – RPM	50 – 2500	50 – 2400	50 – 2200	50 – 2000
Gross mixing capacity	up to 250 g (0.55 lb.)	up to 400 g (0.88 lb.)	up to 600 g (1.32 lb.)	up to 700 g (1.54 lb.)
Vacuum	Yes			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	108 kg (238 lb.)	120 kg (267 lb.)	122 kg (269 lb.)	124 kg (273 lb.)
Input power	120 V & 230 V			

800 - 2000 g				
Model	SMART DAC 800.4 VAC-P LR	SMART DAC 1100.4 VAC-P	SMART DAC 1500.4 VAC-P	SMART DAC 2000.4 VAC-P
Mixing speed – RPM	50 – 1850	50 – 1700	50 – 1400	50 – 1200
Gross mixing capacity	up to 800 g (1.76 lb.)	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	Yes			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	126 kg (278 lb.)	128 kg (282 lb.)	130 kg (287 lb.)	135 kg (298 lb.)
Input power	120 V & 230 V			



SMART DAC M-Series HV (LabCatch® Ready).

The SMART DAC High Volume series bridges the gap between lab scale and pilot/production scale SpeedMixer™ equipment. The **container volume (3.8L)**, **weight capacity (up to 2kg)**, and mixing geometry (extremely large radius of rotation) are similar to our production scale (3kg – 10kg) equipment. However, the machine can still be rolled through a standard door and runs on standard 120V/230V power.



Additionally, this new class of DAC equipment delivers the largest advancement in mixing power, process monitoring & control, and data collection since the previous generation was launched in 2010. The fully customizable SMART DAC platform is the foundation of the most versatile and capable DAC mixing equipment to date. With options like live temperature monitoring & control (with active cooling), independent control of main rotation/counterrotation, and a manufacturing or research optimized interface, it is already answering many of the most common requests from industry. The platform was also designed with the future in mind. The machine's software and onboard PLC allow easy connection and integration of nearly any sensor imaginable as well as IOT compatibility.

SMART DAC M-Series HV - STANDARD

Model	SMART DAC 1100.3 FVZ LR	SMART DAC 1500.3 FVZ LR	SMART DAC 2000.3 FVZ LR
Mixing speed – RPM	300 – 1200	300 – 1100	300 – 1000
Gross mixing capacity	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	No		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 7" (10" Optional)		
Width	650 mm (25,59")		
Height (lid open)	1300 mm (51,18")		
Depth	840 mm (33,07")		
Weight	190 kg (419 lb.)	195 kg (430 lb.)	200 kg (441 lb.)
Input power	120 V & 230 V		

SMART DAC M-Series HV - VACUUM

Model	SMART DAC 1100.4 VAC-P LR	SMART DAC 1500.4 VAC-P LR	SMART DAC 2000.4 VAC-P LR
Mixing speed – RPM	300 – 1200	300 – 1100	300 – 1000
Gross mixing capacity	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	Yes		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 7" (10" Optional)		
Width	650 mm (25,59")		
Height (lid open)	1300 mm (51,18")		
Depth	840 mm (33,07")		
Weight	210 kg (463 lb.)	215 kg (474 lb.)	220 kg (485 lb.)
Input power	120 V & 230 V		



SMART DAC L-Series (LabCatch® Ready).

The Hauschild SpeedMixer® SMART DAC L-Series is the high-capacity flagship of the SMART DAC platform, built for scale-up, pilot lines, and production environments that require repeatable, contamination-free mixing of demanding materials. Within the Hauschild range, the SMART DAC L-Series addresses the largest batches, with models in 5 kg, 10 kg, and 15 kg classes and working volumes up to 22 liters giving process engineers a direct bridge from lab development to industrial throughput. For maximum productivity, the SMART DAC L-Series is also offered in Double Basket (DB) configurations that double nominal throughput while preserving the same process fidelity: 2 × 5 kg, 2 × 10 kg, and 2 × 15 kg.

Both FVZ and VAC-P single basket models include an adjustable counterweight to accommodate different batch sizes and densities for optimal balance and smooth operation.

Engineered around advanced Dual Asymmetric Centrifuge dynamics, the SMART DAC L-Series brings the platform's most modern controls and safeguards to large loads: real-time material temperature monitoring and control, independent variable counter-rotation, and a color touchscreen that enables intuitive setup, recipe management, and fully programmable workflows for consistent, lot-to-lot reproducibility.



To match diverse process needs, SMART DAC L-Series machines are available as FVZ (without vacuum chamber) and VAC-P (with vacuum chamber) variant, standard cycle times from 5–600 s (extendable up to 1800 s), and an absolute vacuum down to <5 mbar on VAC-P versions, capabilities that help minimize entrapped air and optimize the final microstructure of viscous, reactive, or multi-component systems.

Combining high capacity with precise digital control and robust safety integration, the SMART DAC L-Series helps R&D, QC, and manufacturing teams in adhesives, sealants, electronics, dental, cosmetics, and advanced materials achieve clean, repeatable results at scale—without blades, clean-down, or cross-contamination.

SMART DAC L-Series - Single Basket

Standard Model	SMART DAC 5000.5 FVZ	SMART DAC 10000.5 FVZ	SMART DAC 15000.5 FVZ
Mixing speed – RPM	50 – 500	50 – 450	50 – 450
Gross mixing capacity	up to 5000 g (11.02 lb.)	up to 10000 g (22.04 lb.)	up to 15000 g (33.06 lb.)
Vacuum	No		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 10"		
Width	1906 mm (75")		
Width Open Lid	2440 mm (96")		
Height	1255 mm (49,4")		
Depth	1374 mm (54")		
Weight	2000 kg (4409 lb.)	2100 kg (4629 lb.)	2100 kg (4629 lb.)
Input power	400 V / 50-60 Hz & 480 V / 50-60 Hz		

Vacuum Model	SMART DAC 5000.6 VAC-P	SMART DAC 10000.6 VAC-P	SMART DAC 15000.6 VAC-P
Mixing speed – RPM	50 – 500	50 – 450	50 – 450
Gross mixing capacity	up to 5000 g (11.02 lb.)	up to 10000 g (22.04 lb.)	up to 15000 g (33.06 lb.)
Vacuum	Yes		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 10"		
Width	1906 mm (75")		
Width Open Lid	2440 mm (96")		
Height	1255 mm (49,4")		
Depth	1374 mm (54")		
Weight	2100 kg (4629 lb.)	2200 kg (4850 lb.)	2200 kg (4850 lb.)
Input power	400 V / 50-60 Hz & 480 V / 50-60 Hz		



SMART DAC L-Series - Double Basket

Standard			
Model	SMART DAC 5000.5 FVZ DB	SMART DAC 10000.5 FVZ DB	SMART DAC 15000.5 FVZ DB
Mixing speed – RPM	50 – 500	50 – 450	50 – 450
Gross mixing capacity	up to 2 x 5000 g (2 x 11.02 lb.)	up to 2 x 10000 g (2 x 22.04 lb.)	up to 2 x 15000 g (2 x 33.06 lb.)
Vacuum	No		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 10"		
Width	1906 mm (75")		
Width Open Lid	2440 mm (96")		
Height	1255 mm (49,4")		
Depth	1374 mm (54")		
Weight	2100 kg (4629 lb.)	2200 kg (4850 lb.)	2200 kg (4850 lb.)
Input power	400 V/ 50-60 Hz & 480 V / 50-60 Hz		

Vacuum			
Model	SMART DAC 5000.6 VAC-P DB	SMART DAC 10000.6 VAC-P DB	SMART DAC 15000.6 VAC-P DB
Mixing speed – RPM	50 – 500	50 – 450	50 – 450
Gross mixing capacity	up to 2 x 5000 g (2 x 11.02 lb.)	up to 2 x 10000 g (2 x 22.04 lb.)	up to 2 x 15000 g (2 x 33.06 lb.)
Vacuum	Yes		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 10"		
Width	1906 mm (75")		
Width Open Lid	2440 mm (96")		
Height	1255 mm (49,4")		
Depth	1374 mm (54")		
Weight	2200 kg (4850 lb.)	2300 kg (5070 lb.)	2300 kg (5070 lb.)
Input power	400 V/ 50-60 Hz & 480 V / 50-60 Hz		





 **Hauschild**
SpeedMixer®

SpeedMixer Elephant (LabCatch® Ready).

The SpeedMixer “Elephant” represents the largest and most powerful solution within the Hauschild SpeedMixer portfolio, engineered for industrial-scale mixing applications where performance, consistency, and safety are critical. Designed for extreme batch sizes, the Elephant enables simultaneous processing of up to 4 x 55-gallon containers, achieving a total mixing capacity of well over one ton of material in a single cycle. This unmatched throughput makes it ideal for industries such as aerospace, chemicals, coatings, construction materials, energy storage, and advanced manufacturing.

At its core, the SpeedMixer Elephant operates on the proven dual asymmetric centrifuge (DAC) principle, delivering highly efficient, contact-free mixing. This technology eliminates the need for mixing tools, thereby avoiding contamination, reducing cleaning effort, and ensuring reproducible results even with highly sensitive or reactive formulations. The ability to process large volumes without shear-sensitive damage is particularly valuable for applications involving filled systems, high-viscosity pastes, or multi-phase mixtures.



Given the scale and performance of the system, safety is a central design priority. The SpeedMixer Elephant incorporates a range of advanced safety features, including:

- Fully enclosed mixing (vacuum) chambers with reinforced structure to contain high centrifugal forces
- Interlocked safety doors and lids, preventing operation unless the system is securely closed
- Automatic imbalance detection and shutdown, ensuring stable operation even with large containers
- Real-time monitoring of system parameters, such as material's temperature, speed and vibration
- Emergency stop functions positioned for immediate access

The SpeedMixer Elephant is more than just a large mixer, it is a scalable production platform. It bridges the gap between laboratory-scale development and full industrial production, allowing seamless process transfer and consistent results across all volumes. Combined with LabCatch digital integration capabilities such as process monitoring and data logging, it supports modern manufacturing environments focused on quality control, traceability, and efficiency.

Hauschild SpeedMixer Elephant. Scale-up the Impossible



Robotic Solutions (LabCatch® Ready).

The Hauschild SpeedMixer® SMART DAC Robot represents the most advanced level of automated centrifugal mixing available today, combining the proven performance of SMART DAC technology with fully robotic handling for uninterrupted, high-throughput workflows. Designed for laboratories and production environments where precision, speed, and reproducibility are essential, the SMART DAC Robot eliminates manual intervention by automating container loading, unloading, identification, and process execution. This ensures consistent quality across hundreds of sequential batches, while dramatically reducing operator time and handling risks.



A standout innovation within the robotic platform is the **Robot Vacuum**, a breakthrough solution **unique in the global market**. This integrated vacuum-mixing capability allows the system to perform fully automated degassing under controlled vacuum levels—something no other robotic DAC mixer currently offers. The result is exceptional air-free mixing quality for materials such as adhesives, silicones, epoxies, inks, biomaterials, and advanced composites, all without human interaction.

The SMART DAC Robot also supports advanced digital features including programmable multi-step workflows, real-time temperature monitoring, variable counter-rotation, remote control, and seamless integration into Industry 4.0 environments. With its unmatched combination of automation, precision, and vacuum capability, the SMART DAC Robot sets a new industry standard for intelligent, high-volume, fully automated mixing.

SMART DAC Robot - STANDARD

250 - 700 g				
Model	SMART DAC 250.3 Robot LR	SMART DAC 400.3 Robot LR	SMART DAC 600.3 Robot LR	SMART DAC 700.3 Robot LR
Mixing speed – RPM	50 – 2500	50 – 2400	50 – 2200	50 – 2000
Gross mixing capacity	up to 250 g (0.55 lb.)	up to 400 g (0.88 lb.)	up to 600 g (1.32 lb.)	up to 700 g (1.54 lb.)
Vacuum	No			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	106 kg (234 lb.)	110 kg (242 lb.)	112 kg (247 lb.)	114 kg (251 lb.)
Input power	120 V & 230 V			

800 - 2000 g				
Model	SMART DAC 800.3 Robot LR	SMART DAC 1100.3 Robot	SMART DAC 1500.3 Robot	SMART DAC 2000.3 Robot
Mixing speed – RPM	50 – 1850	50 – 1700	50 – 1400	50 – 1200
Gross mixing capacity	up to 800 g (1.76 lb.)	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	No			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	116 kg (256 lb.)	118 kg (260 lb.)	120 kg (265 lb.)	125 kg (276 lb.)
Input power	120 V & 230 V			



SMART DAC Robot - VACUUM

250 - 700 g				
Model	SMART DAC 250.4 Robot LR	SMART DAC 400.4 Robot LR	SMART DAC 600.4 Robot LR	SMART DAC 700.4 Robot LR
Mixing speed – RPM	50 – 2500	50 – 2400	50 – 2200	50 – 2000
Gross mixing capacity	up to 250 g (0.55 lb.)	up to 400 g (0.88 lb.)	up to 600 g (1.32 lb.)	up to 700 g (1.54 lb.)
Vacuum	Yes			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	108 kg (238 lb.)	120 kg (267 lb.)	122 kg (269 lb.)	124 kg (273 lb.)
Input power	120 V & 230 V			

800 - 2000 g				
Model	SMART DAC 800.4 Robot LR	SMART DAC 1100.4 Robot	SMART DAC 1500.4 Robot	SMART DAC 2000.4 Robot
Mixing speed – RPM	50 – 1850	50 – 1700	50 – 1400	50 – 1200
Gross mixing capacity	up to 800 g (1.76 lb.)	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	Yes			
Programs	300 (500 Pro Version)			
Mixing Zones/Steps	6 (12 Pro Version)			
Max runtime per cycle	10 min. (30 min. Pro Version)			
User interface	Touchscreen 7" (10" Optional)			
Width	650 mm (25,59")			
Height (lid open)	970 mm (38,18")			
Depth	620 mm (24,4")			
Weight	126 kg (278 lb.)	128 kg (282 lb.)	130 kg (287 lb.)	135 kg (298 lb.)
Input power	120 V & 230 V			



SMART DAC Robot HV - STANDARD

Model	SMART DAC 1100.3 Robot LR	SMART DAC 1500.3 Robot LR	SMART DAC 2000.3 Robot LR
Mixing speed – RPM	300 – 1200	300 – 1100	300 – 1000
Gross mixing capacity	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	No		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 7" (10" Optional)		
Width	650 mm (25,59")		
Height (lid open)	1300 mm (51,18")		
Depth	840 mm (33,07")		
Weight	190 kg (419 lb.)	195 kg (430 lb.)	200 kg (441 lb.)
Input power	120 V & 230 V		

SMART DAC Robot HV - VACUUM

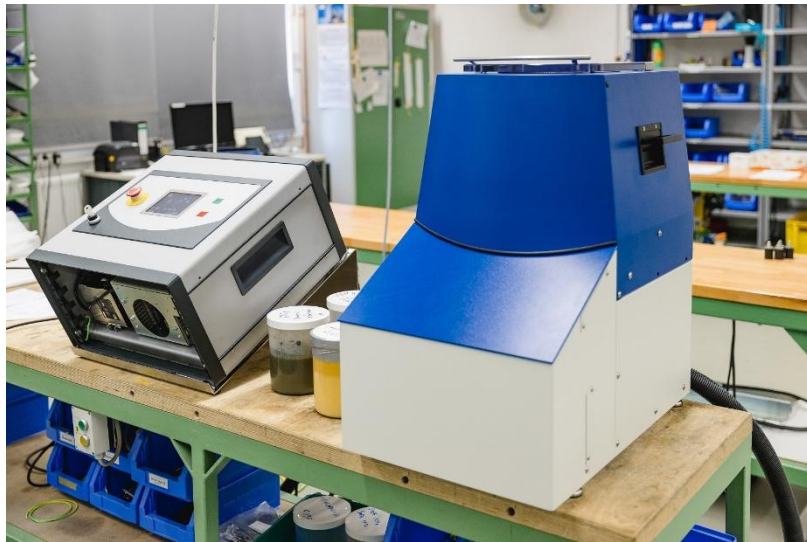
Model	SMART DAC 1100.4 Robot LR	SMART DAC 1500.4 Robot LR	SMART DAC 2000.4 Robot LR
Mixing speed – RPM	300 – 1200	300 – 1100	300 – 1000
Gross mixing capacity	up to 1100 g (2.43 lb.)	up to 1500 g (3.31 lb.)	up to 2000 g (4.41 lb.)
Vacuum	Yes		
Programs	300 (500 Pro Version)		
Mixing Zones/Steps	6 (12 Pro Version)		
Max runtime per cycle	10 min. (30 min. Pro Version)		
User interface	Touchscreen 7" (10" Optional)		
Width	650 mm (25,59")		
Height (lid open)	1300 mm (51,18")		
Depth	840 mm (33,07")		
Weight	210 kg (463 lb.)	215 kg (474 lb.)	220 kg (485 lb.)
Input power	120 V & 230 V		



Custom Made.

Delivering customized Hauschild SpeedMixer® solutions is crucial when standard equipment falls short. With varying materials, batch sizes, and environments, precise mixing often relies on tailored mechanics and control. Hauschild's expertise in custom engineering enables reliable adaptation of lab methods to industrial workflows. Customization for unique containers, viscosities, or safety requirements ensures consistent results and higher process stability. This flexibility helps customers protect formulations and maintain reproducibility across all stages of development and production.

The Hauschild SpeedMixer® SMART DAC CM version offers customized engineering for specialized mixing needs. Each CM system is designed to meet specific process requirements, from varying container sizes to remote-controlled operation in demanding environments.



Our Custom-Made program transforms the proven SMART DAC platform into a tailored system for unique operational challenges across industries. Structural modifications include adjustable rotating arms and machines adapted for remote operation with cable lengths up to 20 meters.

Functional add-ons include custom mixing baskets, multi-holder configurations, and external safety circuits. Industry-specific adaptations serve cosmetics, automotive, electronics, and aerospace applications, with reinforced cleanroom housing and conductive baskets for energetic materials.

The SMART DAC vacuum CM system integrates vacuum mixing with automated loading and unloading, supporting sensitive materials, minimizing air inclusion, and delivering consistent quality at scale. Custom software packages enable remote operation, error recovery, and programmable profiles for seamless integration into your production workflow.

Jars, buckets, holders and adapters, grinding kits.

Hauschild SpeedMixer® bladeless mixers are designed to provide the ultimate in flexibility and convenience. Our machines work with disposable containers, syringes, cartridges, glass bottles, polypropylene cups or customer-specific containers to ensure the right mix for any application, no clean up required.

From mixing containers to console stands and more, we work continuously to design and develop products that make your Hauschild SpeedMixer® a more efficient, productive and indispensable tool.

Browse our full line of Hauschild SpeedMixer® accessories below. Should you have any questions or require a custom solution, please contact us. We would be happy to match the right accessories for your specific Hauschild SpeedMixer®.



All Hauschild SpeedMixer® cup and cartridge holders are made of a lightweight, chemical-resistant material that is also durable enough to stand up to any mixing application. Many sizes and styles are designed specifically for use with Hauschild SpeedMixer® models, so talk to us about your needs.

Already have an existing cup system? Just contact us and we'll be happy to design a custom cup/cartridge holder solution that will allow you to use your existing cup system in the Hauschild SpeedMixer®.

While the SpeedMixer™ is sometimes adopted for particle size reduction of dry and wet materials. This is because it is faster, more efficient, and cleaner than equipment like bead mills, ball mills, roll mills, and high shear dispersers. You will find Hauschild equipment performing these types of operations in most modern labs that perform R&D or quality control on inks, paints & coatings, pigments, battery slurries, pharmaceutical products, conductive and resistive pastes/inks, ceramics, thermal management materials, and more. Grinding of materials is generally obtained using external media inside a cup. These can be Yttrium Stabilized Zirconia beads like in traditional ball mills, steel or glass beads or one of our grinding rings kits, specifically designed for the SpeedMixer™.



List of the most common PP cups

Cup	Alternative to	Color		Hauschild Part #	Corresp. Part #	Nominal Volume		Dimensions (mm)		Weight (g)	Corner	Suggested fill (ml)	
		Jar	Lid			ml	oz	Height	Width			Max 1/2	Min 1/3
PP 5	SC6	Translucent	White	1000005108	150 254	6	0,2	18	25	2	Radius	3	2
PP 5	SC6	Translucent	Translucent	1000005110		6	0,2	18	25	2	Radius	3	2
PP 5	SC6	White	White	1000005105	150 250	6	0,2	18	25	2	Radius	3	2
PP 10	SC12	Translucent	White	1000005100	150 244	12	0,4	32	25	3	Radius	6	4
PP 10	SC12	Translucent	Translucent	1000005102		12	0,4	32	25	3	Radius	6	4
PP 10	SC12	White	White	1000005096	150 240	12	0,4	32	25	3	Radius	6	4
PP 15	SC25	Translucent	White	1000005091	150 235	25	0,8	36	35	6	Radius	13	8
PP 15	SC25	Translucent	Translucent	1000005126		25	0,8	36	35	6	Radius	13	8
PP 15	SC25	White	White	1000005087	150 230	25	0,8	36	35	6	Radius	13	8
PP 30	SC60	Translucent	White	1000005082	150 224	60	2,0	56	41	9	Radius	30	18
PP 30	SC60	Translucent	Translucent	1000005081		60	2,0	56	41	9	Radius	30	18
PP 30	SC60	White	White	1000005078	150 220	60	2,0	56	41	9	Radius	30	18
PP 50	SC90	Translucent	White	1000005073	150 214	90	3,0	52	52	13	Radius	45	27
PP 50	SC90	Translucent	Translucent	1000005124		90	3,0	52	52	13	Radius	45	27
PP 50	SC90	White	White	1000005069	150 210	90	3,0	52	52	13	Radius	45	27
PP 50 L		Translucent	White	1000017017		125	4,2	67	52	15	Radius	63	38
PP 50 L		Translucent	Translucent	1000005075		125	4,2	67	52	15	Radius	63	38
PP 50 L		White	White	1000005072		125	4,2	67	52	15	Radius	63	38
PP 100	SC185	Translucent	White	1000005064	150 204	185	6,3	61	68	22	Radius	93	56
PP 100	SC185	Translucent	Translucent	1000005123		185	6,3	61	68	22	Radius	93	56
PP 100	SC185	White	White	1000007711	150 200	185	6,3	61	68	22	Radius	93	56
PP 100 L	SC250	Translucent	White	1000005066	150 206	250	8,5	80	68	26	Radius	125	75
PP 100 L	SC250	Translucent	Translucent	1000005125		250	8,5	80	68	26	Radius	125	75
PP 100 L	SC250	White	White	1000005063	150 203	250	8,5	80	68	26	Radius	125	75
PP 150	SC330	Translucent	White	1000005115	SC 330	310	10,5	81	75	38	Radius	155	93
PP 150	SC330	Translucent	Translucent	1000005117		310	10,5	81	75	38	Radius	155	93
PP 150	SC330	White	White	1000005111		310	10,5	81	75	38	Radius	155	93
PP 150 L		Translucent	White	1000017326		375	12,7	97	75	39	Radius	188	113
PP 150 L		Translucent	Translucent	1000017427		375	12,7	97	75	39	Radius	188	113
PP 250	SC500	Translucent	White	1000005258	401 224	500	16,9	91	90	58	Radius	250	150
PP 250	SC500	Translucent	Translucent	1000005260		500	16,9	91	90	58	Radius	250	150
PP 250	SC500	White	White	1000005254		500	16,9	91	90	58	Radius	250	150
PP 250 L		Translucent	White	1000014166		625	21,1	114	90	65	Radius	313	188
PP 250 L		Translucent	Translucent	1000014164		625	21,1	114	90	65	Radius	313	188
PP 250 L		White	White	1000014165		625	21,1	114	90	65	Radius	313	188
PP 300	SC750	Translucent	White	1000005249	401 214	750	25,4	97	106	77	Radius	375	225
PP 300	SC750	Translucent	Translucent	1000005251		750	25,4	97	106	77	Radius	375	225

Cup	Alternative to	Color		Hauschild Part #	Corresp. Part #	Nominal Volume		Dimensions (mm)		Weight (g)	Corner	Suggested fill (ml)	
		Jar	Lid			ml	oz	Height	Width			Max 1/2	Min 1/3
PP 300	SC750	White	White	1000005245		750	25,4	97	106	77	Radius	375	225
PP 300 L	SC1000	Translucent	White	1000005239	401 200t	1000	33,8	129	106	86	Radius	500	300
PP 300 L	SC1000	Translucent	Translucent	1000005241		1000	33,8	129	106	86	Radius	500	300
PP 300 L	SC1000	White	White	1000005237		1000	33,8	129	106	86	Radius	500	300
PP 1200		Translucent	White	5000000338		1200	40,6	132	113	128	Radius	600	360
PP 1500	SC1500	Translucent	White	1000005263	1500 1500	1500	50,7	136	120	108	Radius	750	450
PP 1500	SC1500	Translucent	Translucent	1000014175	1500 1501	1500	50,7	136	120	108	Radius	750	450
PP 1500	SC1500	White	White	1000006077		1500	50,7	136	120	108	Radius	750	450
PP 2000	SC2000	Translucent	White	1000009828	2000 2000	2000	67,6	164	131	129	Radius	1000	600
PP 2000	SC2000	Translucent	Translucent	1000009829	2000 2001	2000	67,6	164	131	129	Radius	1000	600
PP 2000	SC2000	White	White	1000009426		2000	67,6	164	131	129	Radius	1000	600



List of the most common Max cups

Cup	Color		Hauschild Part #	Corresp. Part #	Nominal Volume		Dimensions (mm)		Weight (g)	Corner	Max 1/2	Min 1/3
	Jar	Lid			ml	oz	Height	Width				
Max 10	Translucent	White	5000000082	501 226t	7,4	0,25	31	29	7	Square	4	2
Max 10	White	White	5000000064	501 226	7,4	0	31	29	7	Square	4	2
Max 15	Translucent	White	5000000097	501 227t	14,8	0,5	29	37	9	Square	7	4
Max 15	White	White	5000000436	501 227	14,8	0,5	29	37	9	Square	7	4
Max 20	Translucent	White	5000000073	501 224t	29,6	1	42	37	13	Square	15	9
Max 20	White	White	5000000432	501 224	29,6	1	42	37	13	Square	15	9
Max 20 L	Translucent	White	5000000020	501 224Lt	59,1	2	71	37	17	Square	30	18
Max 20 L	White	White	5000000431	501 224L	59,1	2	71	37	17	Square	30	18
Max 40	Translucent	White	5000000006	501 223t	59,1	2	48	49	19	Square	30	18
Max 40	White	White	5000000257	501 223	59,1	2	48	49	19	Square	30	18
Max 40 L	Translucent	White	5000000018	501 223Lt	88,7	3	69	48	22	Square	44	27
Max 40 L	White	White	5000000153	501 223L	88,7	3	69	48	22	Square	44	27
Max 60	Translucent	White	5000000069	501 222t	88,7	3	55	53	22	Square	44	27
Max 60	White	White	5000000256	501 222	88,7	3	55	53	22	Square	44	27
Max 60 L	Translucent	White	5000000015	501 222Lt	118,3	4	72	53	25	Square	59	35
Max 60 L	White	White	5000000433	501 222L	118,3	4	72	53	25	Square	59	35
Max 100	Translucent	White	5000000071	501 221t	118,3	4	60	64	31	Square	59	35
Max 100	White	White	5000000255	501 221	118,3	4	60	64	31	Square	59	35
Max 100 M	Translucent	White	5000000008	501 221Mt	177,4	6	71	64	35	Square	89	53
Max 100 M	White	White	5000000434	501 221M	177,4	6	71	64	35	Square	89	53
Max 100 L	Translucent	White	5000000068	501 221Lt	236,6	8	91	64	39	Square	118	71
Max 100 L	White	White	5000000084	501 221L	236,6	8	91	64	39	Square	118	71
Max 200	Translucent	White	5000000067	501 220t	236,6	8	65	83	51	Square	118	71
Max 200	White	White	5000000435	501 220	236,6	8	65	83	51	Square	118	71
Max 200 M	Translucent	White	5000000066	501 220Mt	354,9	12	83	83	54	Square	177	106
Max 200 L	Translucent	White	5000000083	501 220Lt	473,2	16	107	83	57	Square	237	142
Max 200 L	White	White	5000000083	501 220L	473,2	16	107	83	57	Square	237	142
Max 300 L	Translucent	White	5000000012	501 218t	946,4	32	105	113	96	Square	473	284
Max 300 L	White	White	5000000269	501 218	946,4	32	105	113	96	Square	473	284
Max 300 XL	Translucent	White	5000000072	501 217t	1182,9	40	132	113	112	Square	591	355
Max 300 XL	White	White	5000000276	501 217	1182,9	40	132	113	112	Square	591	355

* Sold by Hauschild SpeedMixer Inc. (info.us@hauschild-speedmixer.com)

Filling System – Hauschild LeverPress.

The Hauschild LeverPress is a specially designed filling and packaging tool used to transfer material directly from a Hauschild SpeedMixer® cup into syringes, cartridges, or other extrusion devices—cleanly, efficiently, and without introducing air.

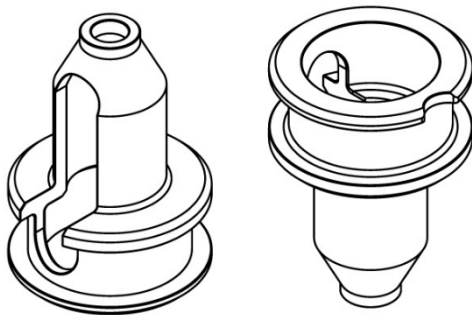
The LeverPress was created to transfer mixed materials directly from SpeedMixer™ cups into customer-chosen syringes, cartridges, or other dispensing vessels.

Key goals:

- Maintain homogeneity achieved during mixing
- Preventing air entrapment
- Enable clean, controlled, and repeatable filling
- Allow single or multiple containers filling in one process

Advantages

- Minimal to Zero Air Entrapment
- Fast, Clean, Easy Filling
- Works With Many Packaging Types
- Maintains Mix Quality
- Scalable for Multiple Units



The **Hauschild LeverPress** is a precision mechanical tool that—together with the SpeedDisk—enables fast, clean, air-free transfer of SpeedMixer™-processed materials into dispensing containers. Its design ensures the final product retains the quality achieved during mixing while simplifying lab workflow and minimizing waste.

Hauschild GmbH & CO. KG

Waterkamp 1, Hamm
Germany

+49 2381 4820 50
info@speedmixer.com

Hauschild SpeedMixer Inc.

37735 Enterprise Ct – Suite 300
Farmington Hills, MI 48331
USA

+1 877-SPDMXER
info.us@speedmixer.com

www.speedmixer.com