

# HPGM

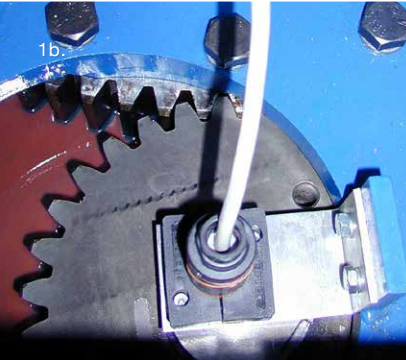
---

Planetary  
Countercurrent Mixer



WE ADD PROFITABILITY TO THE MIX

[www.concretebiz.com](http://www.concretebiz.com)



# Planetary Countercurrent Mixer for consistent and superior mix quality

Perfect equipment for a wide range of applications:

Lightweight and heavyweight concrete; specialty high strength concrete; gypsum mixes, wet and dry mortar or plaster; foundry sand; glass and mineral mixes; soil, ash and fine powder mixes.

Available in 12 sizes:

HPGM 375,	HPGM 2250,
HPGM 500,	HPGM 3000,
HPGM 750,	HPGM 3450,
HPGM 1125,	HPGM 3750,
HPGM 1500,	HPGM 4500,
HPGM 1875,	HPGM 5250.

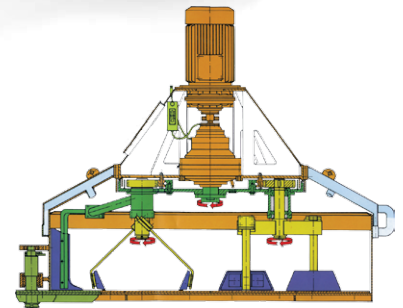


Planetary Countercurrent Mixers deliver a homogeneous mix with shorter cycle times.

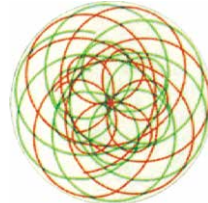
The rotating mixing stars rotate around the center vertical axis of the mixer, delivering intense countercurrent mixing action – transferring all mixing energy directly into the concrete.

This modern mixing technology ensures a complete homogeneous mix in the shortest possible time by high shear forces.

1, 2 or 3 mixing stars, depending on mixer size.



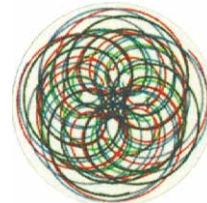
HPGM  
375 - 1125



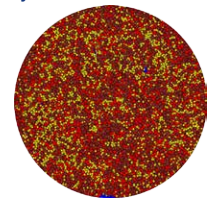
HPGM  
1500 - 2250



HPGM  
3000 - 5250



Computer Flow  
Dynamic Simulations



1. Rugged over-dimensional gear-reduction drive system for reliable operation. Drive system is completely sealed against dust but remains easily accessible.
2. HPGM 1125 and larger: Torque converter for smooth startup with full mixer. Alternative: Soft starter or frequency converter.
3. Polyurethane mixing tools. Replaceable (armored) wear plates.
4. Wear plates made of stainless steel available.
5. Microwave moisture probe for automatic water dosing.
6. Large access doors for easy cleaning and maintenance. Limit switch according to latest safety regulations.
7. 1 to 4 hydraulically operated discharge gates.
8. Hydraulic unit for mixer discharge gate operation; Handpump for emergency discharge; Mixer control with operating elements.
9. High pressure automatic cleaning systems:
  - a & b. Depending on mixer size up to 6 rotating nozzles for fast, thorough and efficient cleanup.
  - c. One compact system installed on mixer platform. Inclusive hand lance for manual cleaning.
  - d. Distributor plate for better overview.
10. Concrete sampler.
11. Plant-integrated HPGM mixer with cement scale and skip hoist feeding.
12. HPGM with skip hoist.

Note: as with all of our equipment, some features are optional. All metric-to-imperial conversions are approximate.



HPGM mixers:  
The heart of  
our plants



Mixing  
solutions  
to suit your specific needs

