

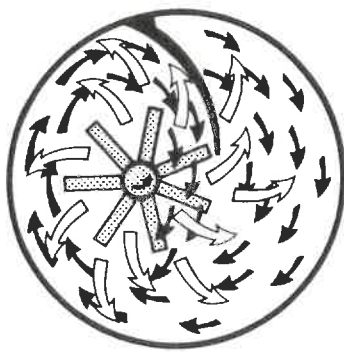
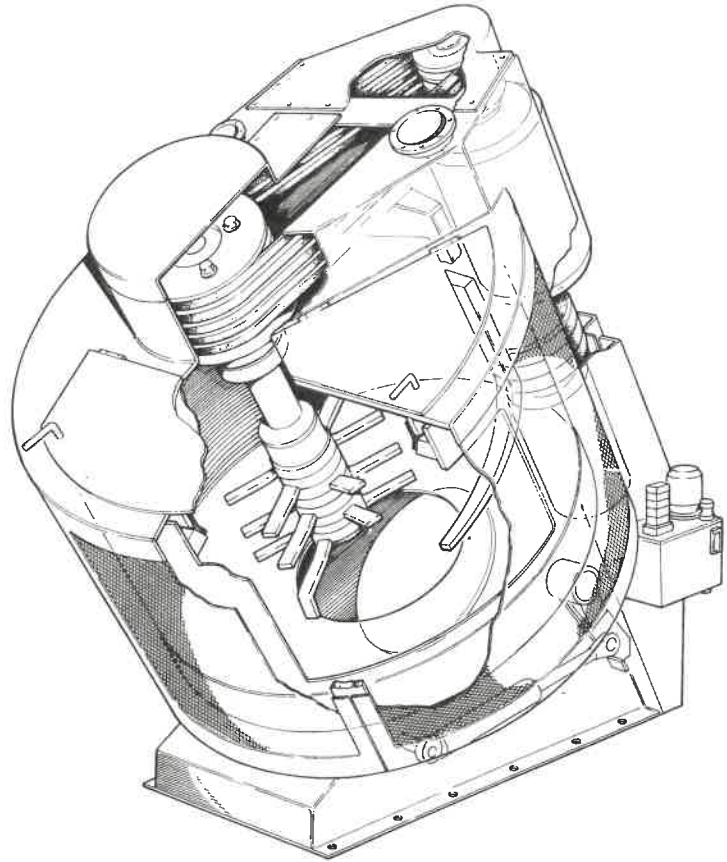
Eirich

Type R Intensive Mixer



The **Eirich Intensive Mixer** represents the latest stage in an ongoing process of mixer development which started in 1900 and has covered such intermediate steps as mullers and planetary mixers.

Principle of Operation



Material flow due to: —



Pan rotation

Rotor tool

Mixing System

The inclined, rotating mixing pan tumbles the material and forces it into the path of the rotor tool.

The deflector removes material from the pan wall and deflects it into the rotor tool.

The high speed rotor provides intensive mixing action and homogenization. Bottom tools prevent build-up on the pan floor.

Charging

From above via proportioning devices, batching system, skip hoist or manually.

Discharge

Through centrally located outlet in pan floor.

Mode of Operation

Batchwise or continuous.

Technical Specifications

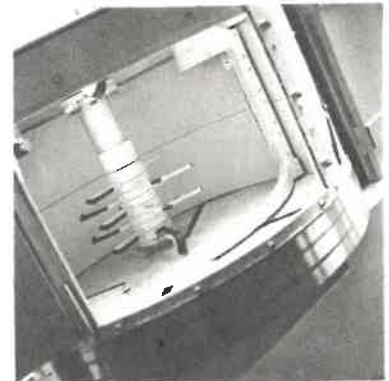
- Rotating inclined pan with friction wheel drive
- High energy rotor with direct or V-belt drive
- Bottom discharge
- Abrasion resistant wear liners in pan
- Hard-faced mixing tools
- Hard-faced wall scraper
- Heavy-duty construction
- All motors TEFC min.
- Hydraulically operated discharge gate.



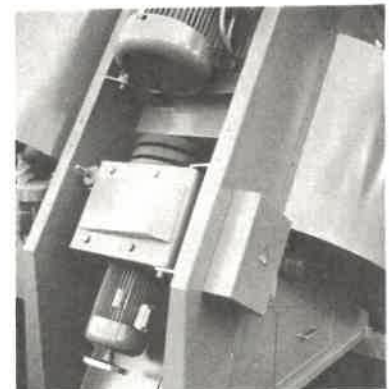
Material Flow in Mixer

Options

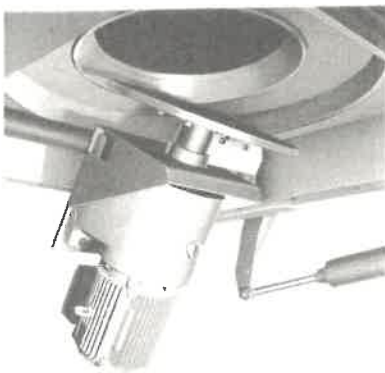
- Special materials of construction
- Automatic lubrication system
- Multi-speed rotor and pan
- Explosion-proof and solvent proof construction
- Heating - gas fired or electric
- Cooling
- Sampling devices
- Temperature sensors
- High temperature design
- Automatic wash-out
- Vacuum and pressure capability
- Moisture sensor
- Swing-out rotor tool (R08 & R09)
- Tilting pan (R09)
- Other options available on request



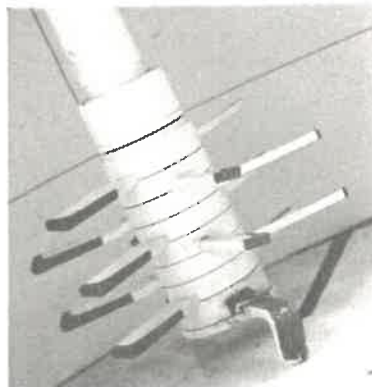
Inside of Mixer, showing ease of access



Friction wheel pan drive



Continuous discharge gate



Drum type rotor tool



R11 Mixer with skip hoist

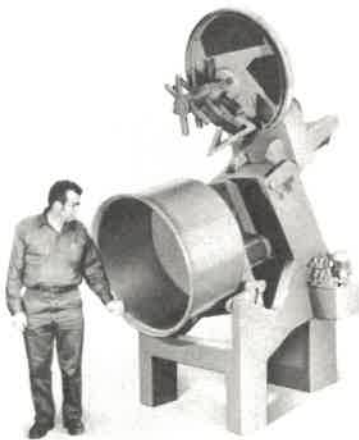


Model RV02
Laboratory Mixer

Range of Operations

The R-type intensive mixer can perform a wide variety of bulk solids processing functions. Pan speed, rotor speed and rotation, rotor design and options can be selected to meet many requirements. Typical applications include:

- Mixing
- Pelletizing
- Agglomeration
- Heating
- Cooling
- Drying
- Slurrying and dissolving
- Solvent recovery
- Fibre separation
- Particulation
- Reacting



Model R09T Mixer

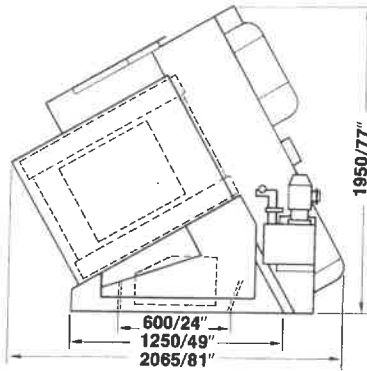
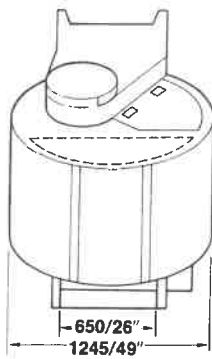
Advantages of the Eirich Mixer

- No dead corners in mixing pan - all material is processed
- All material is positively fed to the rotor by the rotating mixing pan
- High degree of homogeneity in mix - high quality end product
- Easily accessible for cleaning and maintenance
- Operation easily adapted to different requirements
- Efficient use of mixing energy
- Rugged construction
- Abrasion resistant
- High throughput - short mixing cycles
- Minimal material build-up
- Low maintenance requirements



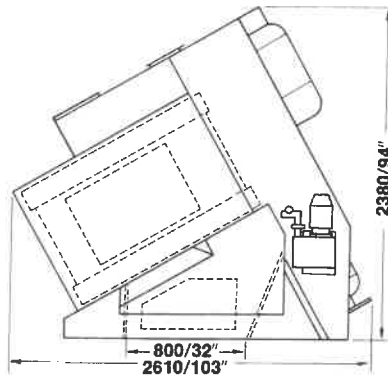
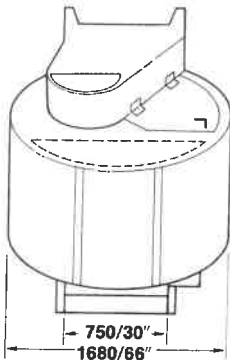
Model R18 Mixer

R11/RV11



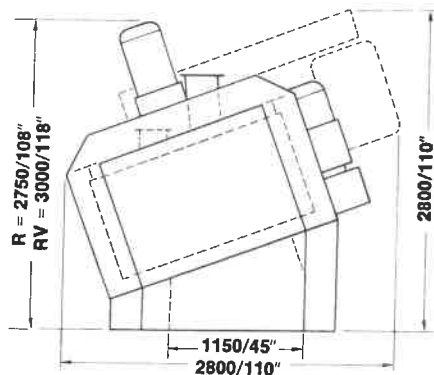
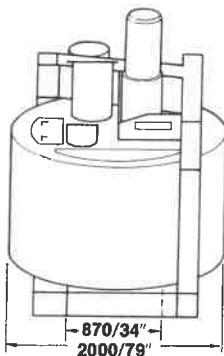
	R11	RV11
Batch Capacity		
Litre/Cu.Ft.	250/8.8	375/13
KG/LB	400/880	600/1,300
Drive Motors - Max		
Pan KW/HP	9/12	11/15
Rotor KW/HP	37/50	37/50
Weight KG/LB	2,270/5,000	2,400/5,300

R15/RV15



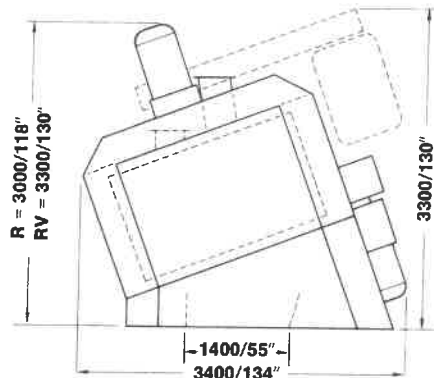
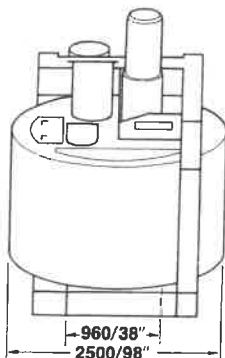
	R15	RV15
Batch Capacity		
Litre/Cu.Ft.	500/18	750/27
KG/LB	800/1,760	1,200/2,600
Drive Motors - Max		
Pan KW/HP	18/24.5	18/24.5
Rotor KW/HP	55/75	55/75
Weight KG/LB	4,050/8,900	4,320/9,500

R18/RV18



	R18	RV18
Batch Capacity		
Litre/Cu.Ft.	1,125/40	1,500/54
KG/LB	1,800/3,900	2,400/5,300
Drive Motors - Max		
Pan KW/HP	18/24.5	25/34
Rotor KW/HP	75/105	110/150
Weight KG/LB	6,400/14,000	7,050/15,500

R23/RV23



	R23	RV23
Batch Capacity		
Litre/Cu.Ft.	2,250/81	3,000/108
KG/LB	3,600/7,800	4,800/10,600
Drive Motors - Max		
Pan KW/HP	49/66	49/66
Rotor KW/HP	132/180	160/220
Weight KG/LB	9,800/21,535	10,500/23,000