

EIRICH Intensive Mixer

Type R02 / R02E / RV02E / R02Vac

for research and development

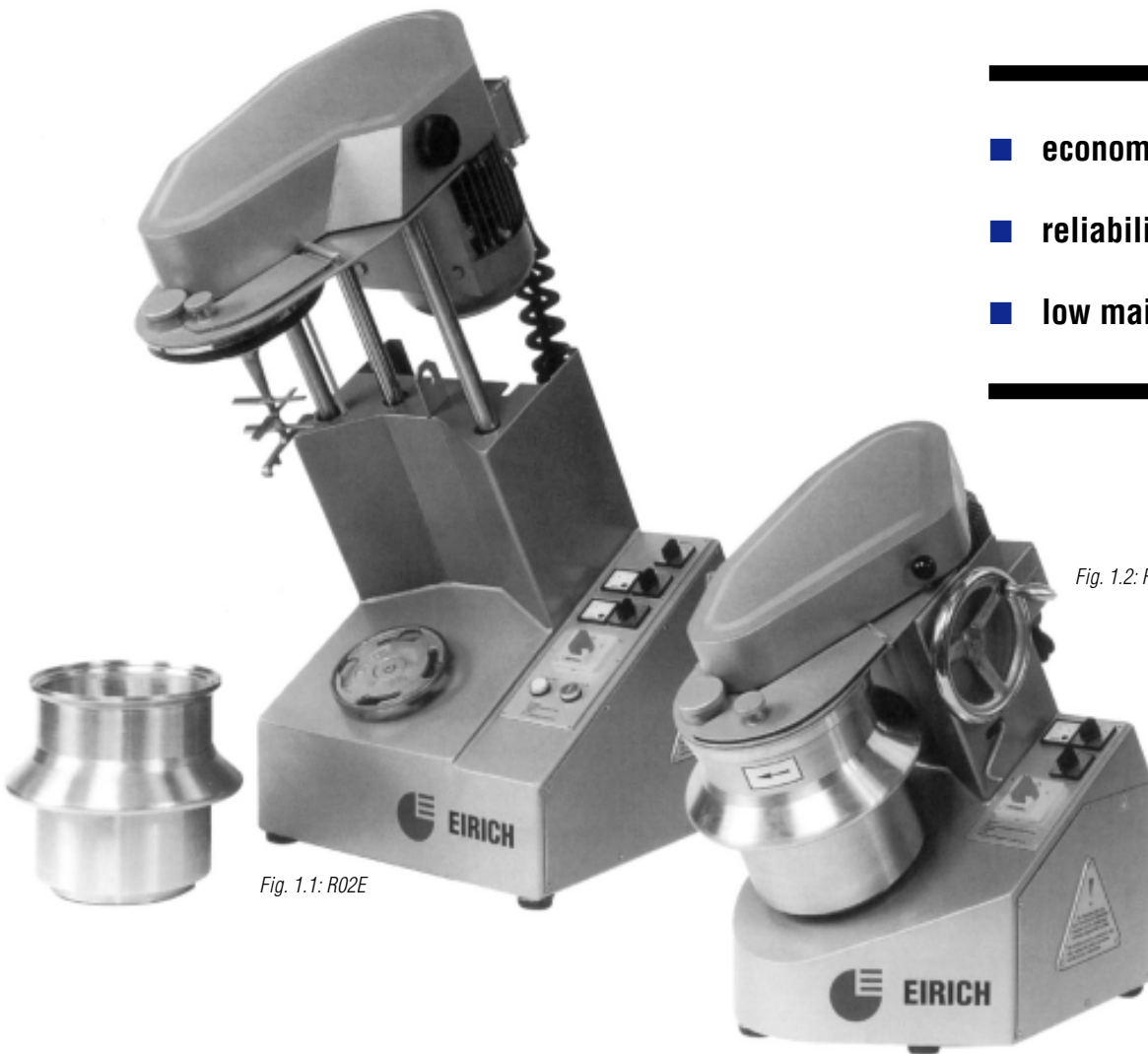


Fig. 1.1: R02E

Fig. 1.2: R02

-
- economy
 - reliability
 - low maintenance
-

Type		R02	R02E	RV02E	R02Vac
Capacity*	liters	3-5	3-5	8-10	3-5
	max. kg	10	10	12	10
Weight	kg	100	180	190	260
Load on substructure	N	1250	3000	3000	3500
Pan	diameter / mm	235	235	315	235
H / h	mm	1090/770	1200/900	1200/900	1200/900
L	mm	800	930	970	1100
Width	mm	440/470	510/620	510/620	670/770

* product-specific

Areas of application

The main characteristic of this mixer type is its versatility. Exchangeable tools and a choice of energy settings mean it is possible to produce an optimum quality of mix with the most diverse materials. Batches ranging in consistency from dry to plastic and pasty can be processed.

Applications include e.g.: Mixing, kneading, disagglomerating, fiberizing, distributing, dissolving and pelletizing. Industrial scale-up of test results is possible.

Function

Service-proven mixing system for excellent preparation of materials.

Key components:

1. An inclined rotating mixing pan
2. A single rotating mixing tool
3. A material deflector

Feeding

From above

Emptying

The mixing pan can be removed for emptying. This requires the mixing tools to be lifted by hand crank or electric motor.

Drives / Motors

Mixing pan: Worm gear motor for 2 speeds.

Rotor: By V-belt and multi-step pulley with pole-changing standard motor or frequency converter.

Drive ratings

Mixing pan: 0.55 and 0.88 or 0.55 and 1.0 kW.

Rotor: Power requirement and speed depend on the material mix (0.5 - 4.0 kW).

Servicing and cleaning

The rotor bearing comes with a permanent grease charge. All other bearings are equipped with self-lubricating, maintenance-free bearing shells. All parts in contact with the mix are easy to clean.

Special features

Heatable mixers for batch temperatures up to +180°C. Mixers as vacuum systems with application-specific equipment, e.g. heater, cooler.

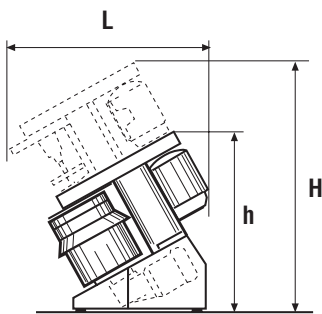


Fig. 2.1: R 02

