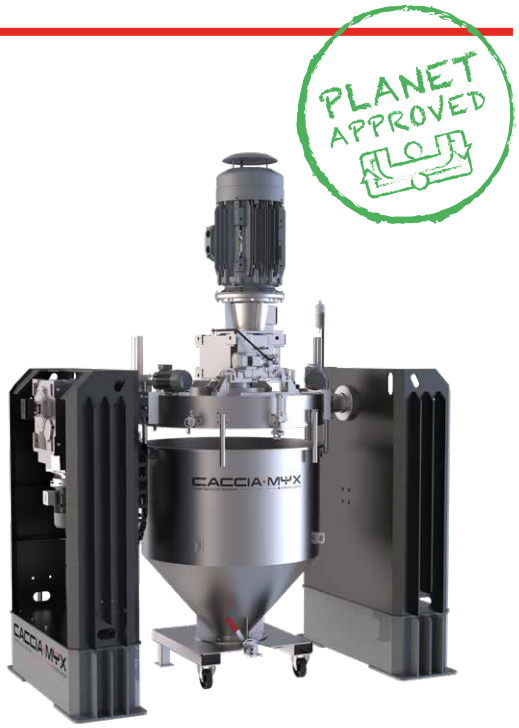
RCT

Container Mixer

RCT Container mixers are a versatile solution for various applications where excellent homogenization, coloring and dispersion quality is required.
Different mixing tools and head configurations matched with the rotation speed needed to achieve the desired bland offer maximum flexibility.



PRINCIPLE OF OPERATION

RCT container mixers are mostly used where "COLD" mixing is required. The operator, outside the mixing station, fills the container with the various ingredients present in the recipe, then places the container under the "Head" of the machine. When the safety door is closed, the mixer lifts and rotates the container by 180°. At this point the blades begin to rotate until the programmed speed is reached to obtain the desired degree of mixing.

MAIN FEATURES

EASY AND FAST CLEANING

The RCT Container mixer has been designed to optimize the main parts that require quick and thorough cleaning.

HIGH PERFORMANCE

A wide range of mixing blades, the special design of the head combined with an optimized selection of motors, allow for high mixing efficiency and rationalized energy consumption.
A thermocouple, inserted in the head, controls the mixing temperature.
Ergonomic design and easy access to all major components are a key factor for intuitive operation and preventative maintenance.

MANY SIZES

RCT mixers are available in many sizes to best fit your process requirements and available space (from 150L to 3000L) and for different throughputs.

INSTALLATIONS

All CACCIA MyX are fully tested in house before shipping, in addition they can be equipped, as an option, with PLUG and PLAY configuration where all cables are supplied with the equipment at an agreed length, therefore the installation is an easy step.

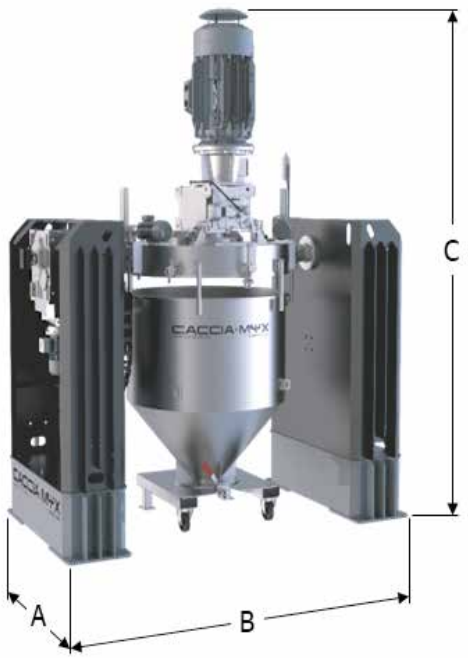
CONTROL SYSTEM & INDUSTRY 4.0

All the control systems are state of the art and intellectual property of CACCIA MyX.
The PLC is supplied with OPC/UA protocol embedded, which makes each mixer control ready for industry 4.0.
The controls are equipped with a user-friendly HMI touch screen (7"-9"-15,6").

AVAILABLE OPTIONS

- Available in ATEX, NEMA UL/CSA versions.
- Nitrogen inerting
- Oxygen concentration measurament
- SCADA system Protocol
- Tyger Cloud Remote control

TECHNICAL DATA



Configuration
- Standard tools
- Twin-motors, dispersion tools
- Multi-stage heating mixing tools

Option
- Several tool configurations
- Docking & Discharge station
- Liquid injection side valve
- Chopper
- Wear resistant coating on tools

Technical Data
- Motor sizes: from 11 kW till over 110 kW
- Inverter and Servo ventilation : on request
- Motor class standard: IP55
- Motor Efficiency standard: IE 4
- Voltage: 230-690 / 3 / 50-60 Hz

RCT Sizes	Usable Volume Lt	Kg/Batch	Power kW Drive rating kW				A	B	C
	80%	Bulk density: 0.5 Kg/Lt	Standard	Reinforced	RCT/2M/ FV	Chopper kW	mm	mm	mm
RCT 150	120	60	11		nil	2	4000	2500	3000
RCT 300	240	120	18,5	22	nil	2	4000	2500	3000
RCT 150/300	Up to 240	Up to 120	18,5	22	22 + 11	nil	4000	2500	3000
RCT 450	360	180	30	37	22 + 18,5	2	4500	3000	3400
RCT 600	480	240	32	37	30 + 22	3	4500	3000	3400
RCT 300/450/600	Up to 480	Up to 240	32	37	30 + 22	nil	4500	3000	3400
RCT 800	640	320	37	47	32 + 22	3	4680	3200	3490
RCT 1000	800	400	45	55	37 + 22	4,5	5000	3480	3490
RCT 1500	1200	600	55	75	45 + 50	7,5	5400	3800	3490
RCT 800/1000/1500	Up to 1200	Up to 600	75	90	55 + 32	nil	5400	3800	4075
RCT 2000	1600	800	90	110	75 + 32	11	6000	3800	4800
RCT 3000	2400	1200	110	132		11	6500	4000	4950
Special sizes and other configurations are available on request									
NOTE: The data in the table are given merely by way of example and will have to be confirmed by CACCIA MyX									