

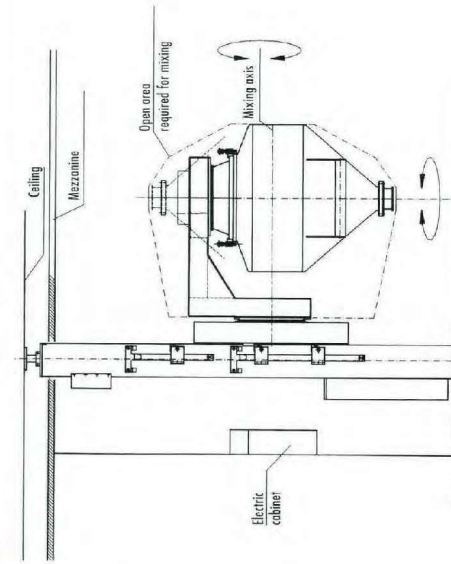
For round containers the container mixer can be provided with an alternative yoke design.

This optional design utilizes a swing-out lifting arm, supporting the round container vertically.

By overlapping the container rotation along the mixing axis with its rotation along the container axis, efficient mixing effect can be obtained with round containers.

The mixing speed and the rotation speed of both rotations is adjustable.

The direction of each rotation is reversible.



Container Mixer, Type CM

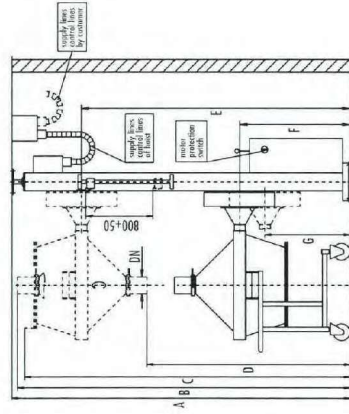
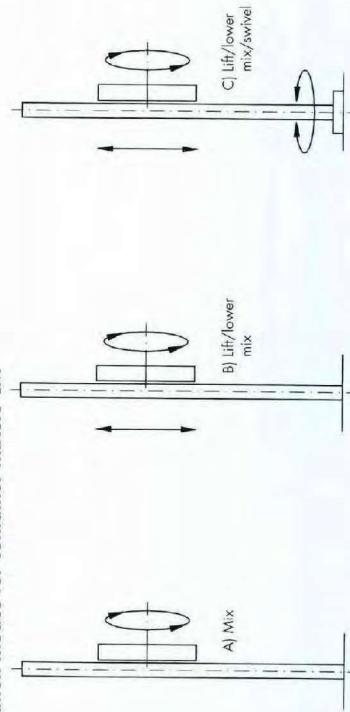
Type	*	CM 400	CM 750	CM 1000	CM 1500	CM 2000
Rated volume	dm ³	400	750	1000	1500	2000
Product capacity	kg	260	360	480	720	980
Mixing (r.p.m.)	r.p.m.	3 bis 20	3 bis 20	3 bis 20	4 bis 20	4 bis 20
Motor capacity	kW	11	11	18.5	18.5	22
Power consumption	kW	12	12	19	20	24

as requested

Other constructions on request

* Nomenclature refers to container volume

Operation modes for container mixers CM



Technical Data (Rights for changes reserved)

Type	*	LD 60	LD 120	LD 200	LD 300**	LD 500**
Product weight	kg	215	420	670	1020	1560
Product container weight (empty)	kg	95	125	220	300	350
A	mm	4000	4000	4000	4000	4000
B	mm	3950	3950	3920	3950	
C	mm	3780	3760	3730	3780	
D	mm	2520	2250	1970	1810	
E	mm	3200	3050	2850	2750	
F	mm	1370	1582	1919	2007	
G	mm	1000	1000	1000	1050	
H	mm	1100	1220	1320	1380	
I	mm	510	510	530	530	
J	mm	1110	1298	1504	1642	
K	mm	1350	1520	1800	1900	
L	mm	550	550	550	700	700
Lifting speed	m/min	7	7	4.5	6.0/4.5 low	
Motor capacity	kW	1.35	2	2.5	3.6	
Motor classification		EEEx II T3 / IP 54	(others on request)	(others on request)	(others on request)	
Instrument/switch classification		EEEx de II C T5	(others on request)	(others on request)	(others on request)	
Electric connections		USA 460/3/60, EC 400/3/50	(others on request)	(others on request)	(others on request)	

* Nomenclature refers to fluid bed sizes mode WST, WSG, GPCG

** LD 300 and LD 500 laterally reversed



Design Features

The Glatt® Container Mixers are designed to lift square containers (round containers as an option) and mix the contents by rotating them around an optimized axis.

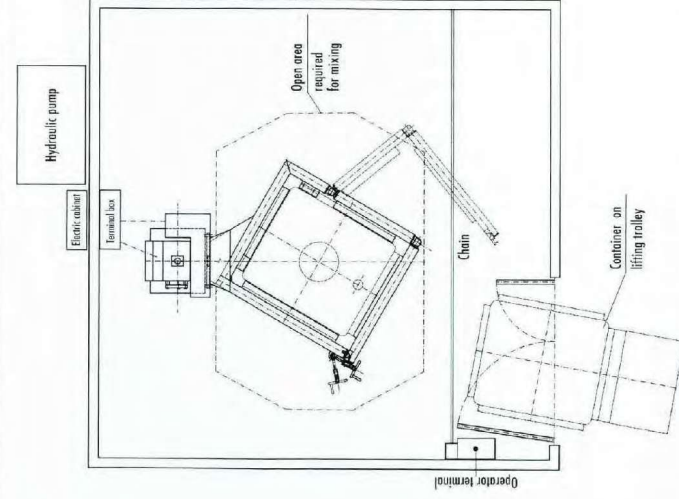
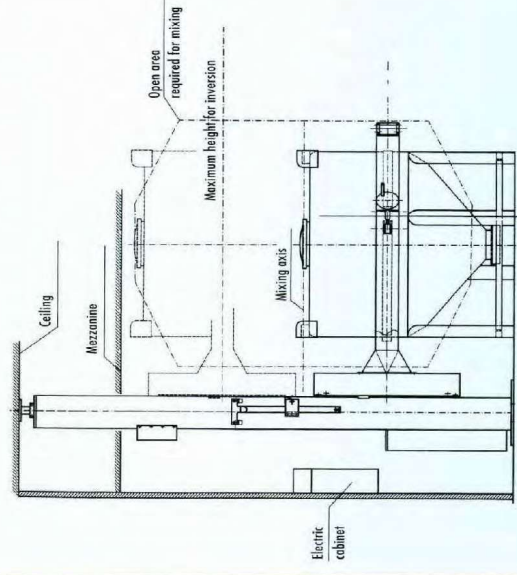
Glatt® Container Mixers are available in various sizes and designs and are equipped with advanced control systems, which allow the operator to preselect operating parameters such as:

- mixing time
- mixing speed (rpm)
- periodic change of rotation direction for a specified interval
- ramping the mixing speed (rpm) up or down

This allows an optimal adjustment for individual requirements.

Glatt® Container Mixers measure up to the highest technical expectations:

- GMP construction
- all product contact parts made from mirror polished 304 stainless steel (others on request)
- all external surfaces made from 304 stainless steel
- suitable for floor/ceiling or wall attachment
- innovative technology
- torsionfree construction
- "soft" and precise operation due to proportional control of the hydraulics
- travel stop with position indication
- optimally suited for integration into a controls network
- additional options available



Operation with square containers utilizes a protected lifting arm, which provides:

- easy take-up of the container
- a perfect fit of the container during mixing
- electronic indication of correct container fit during take-up
- reduced noise generation during mixing

The sizing and design of the load bearing components was developed using computer-generated finite element analysis. This, in conjunction with CAD generated fabrication drawings, provides unsurpassed safety and reliability.

