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## **COLUMN LIFTERS**

**31.0325.00 and 31.5325.00**

These devices are designated for easy and comfortably lifting and turning of 200 l trolleys. They consist of a column, motor with brake with leading system of double chain and fork (straight or 90 °).

The security system is standard (two chains).

They can be fixed or movable (only for max. turning height 2550 mm). Execution-left or right.

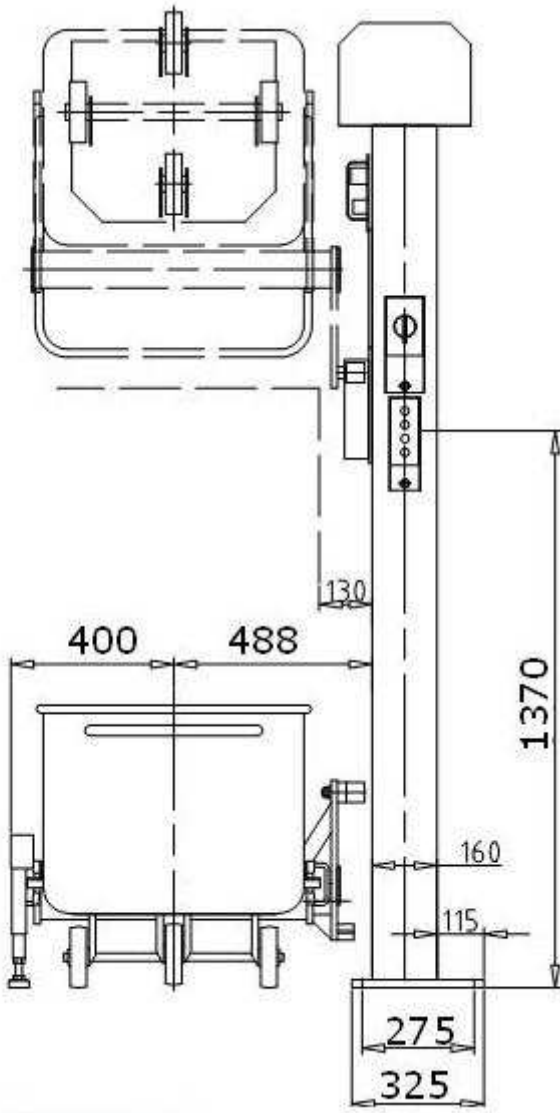
If the turning height is over 3050 mm is required additional fixation to the wall or ceiling

The machines complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.

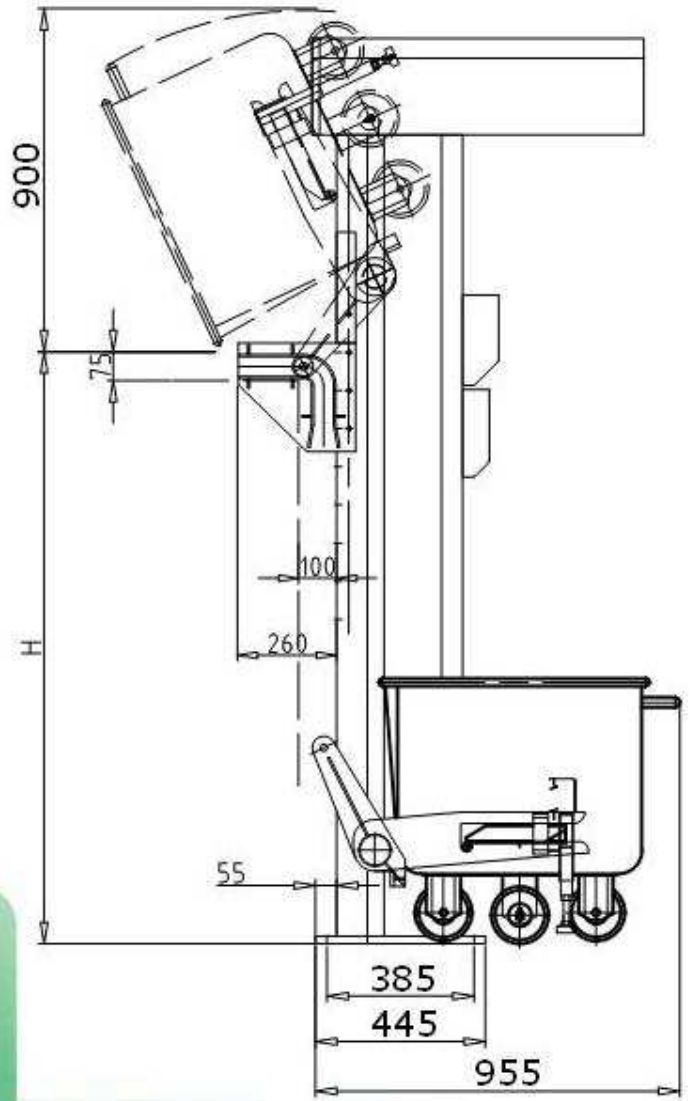
They are made entirely of stainless steel, 1.4301 DIN (AISI 304), excluding runner, chains and their wheels.



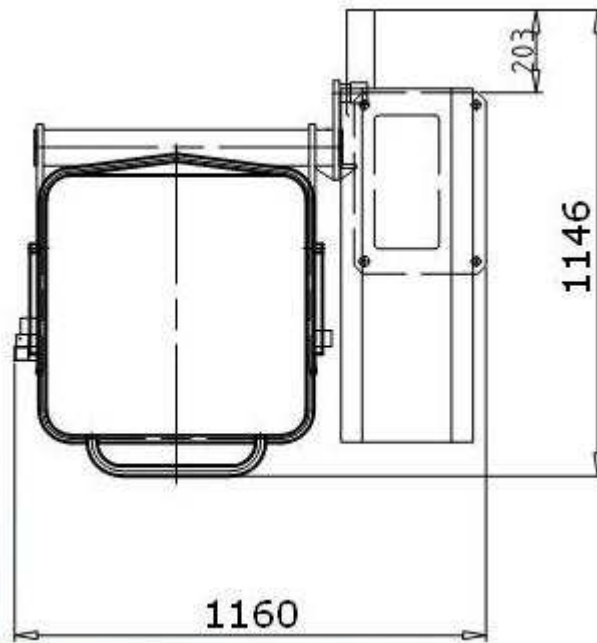
in front



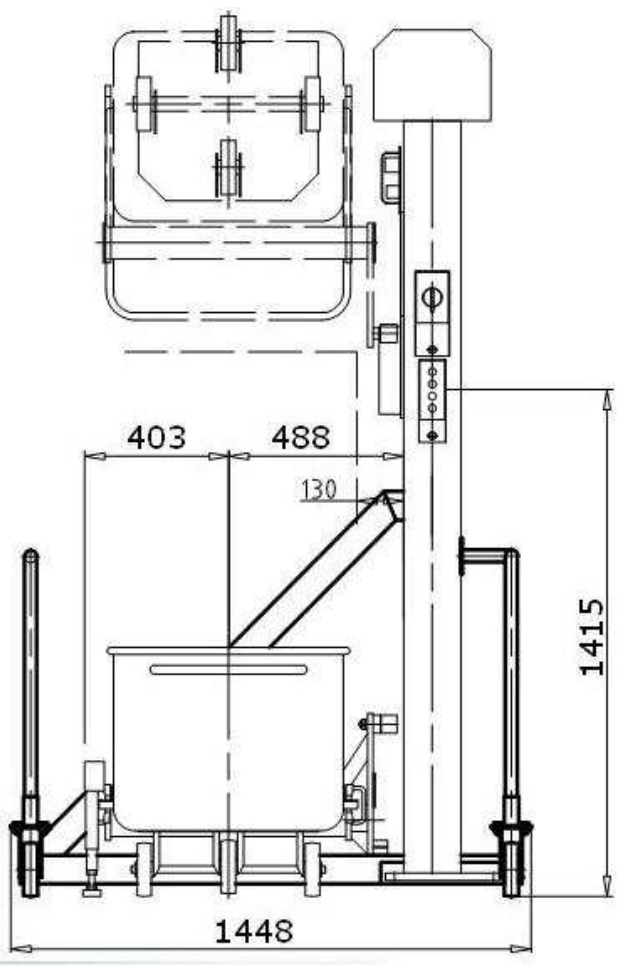
sidewards



above



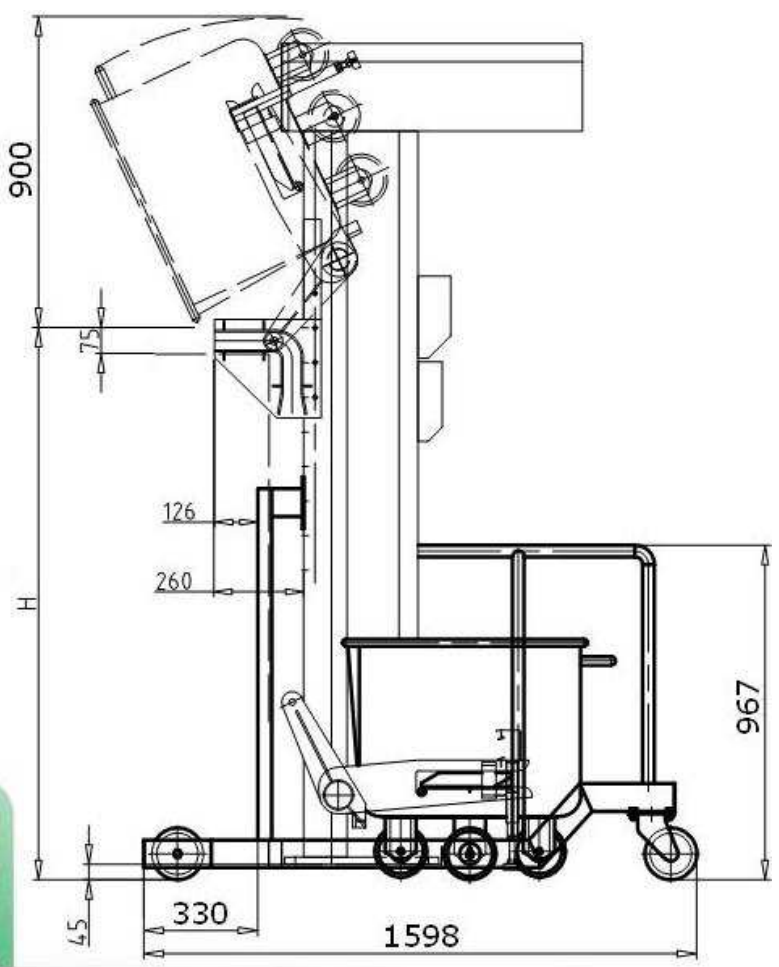
in front



1415

1448

sidewards



900

H

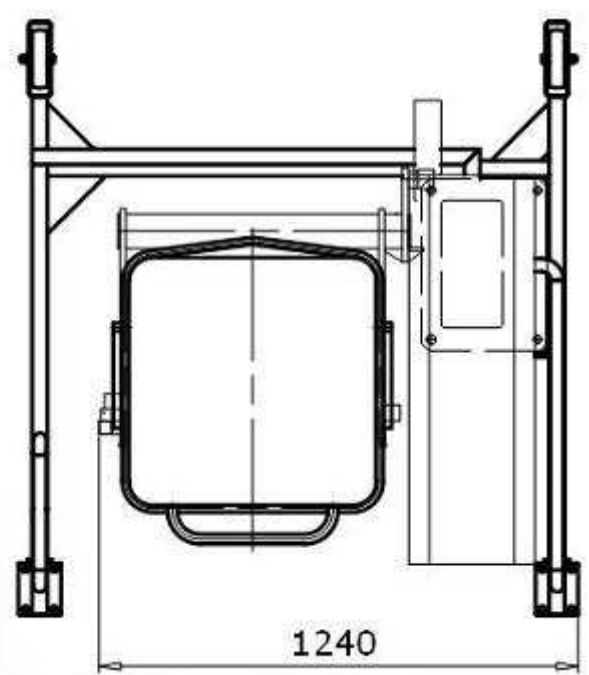
45

330

1598

967

above



1240



## COLUMN LIFTER WITH MOVABLE CHUTE 31.1540.22

The device is designated for easy and safe lifting and turning of 300 l trolleys.

Standard stable execution with second fixing to the ceiling (or column of the construction of the building).

It consists of a column, motor with leading system of two chains, straight fork, special movable chute and safety fence.

The security system is standard. Execution-right.

Lifting principle - two roller chains.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

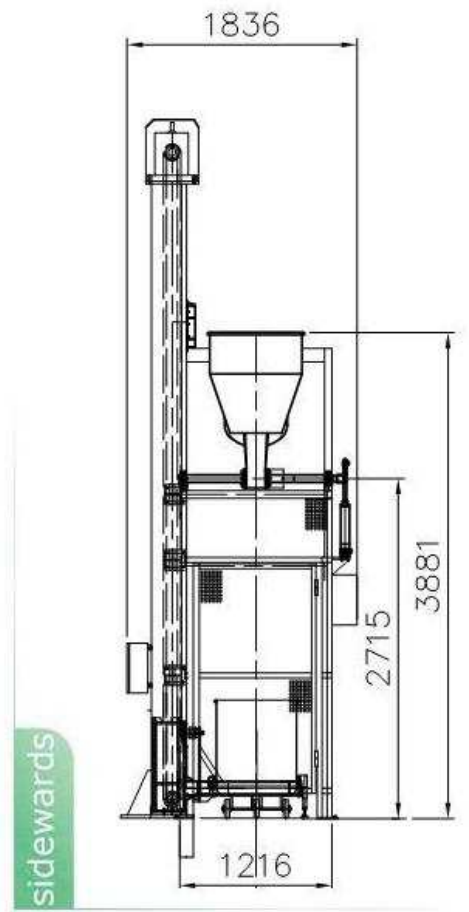
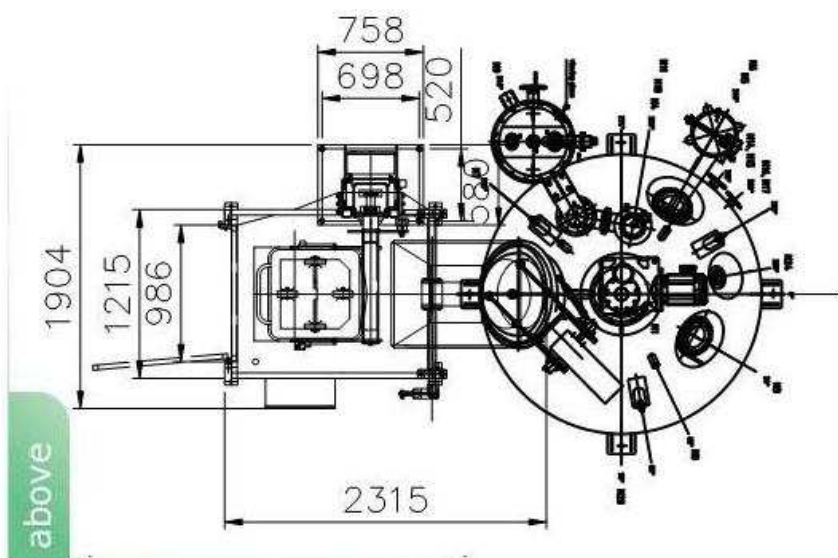
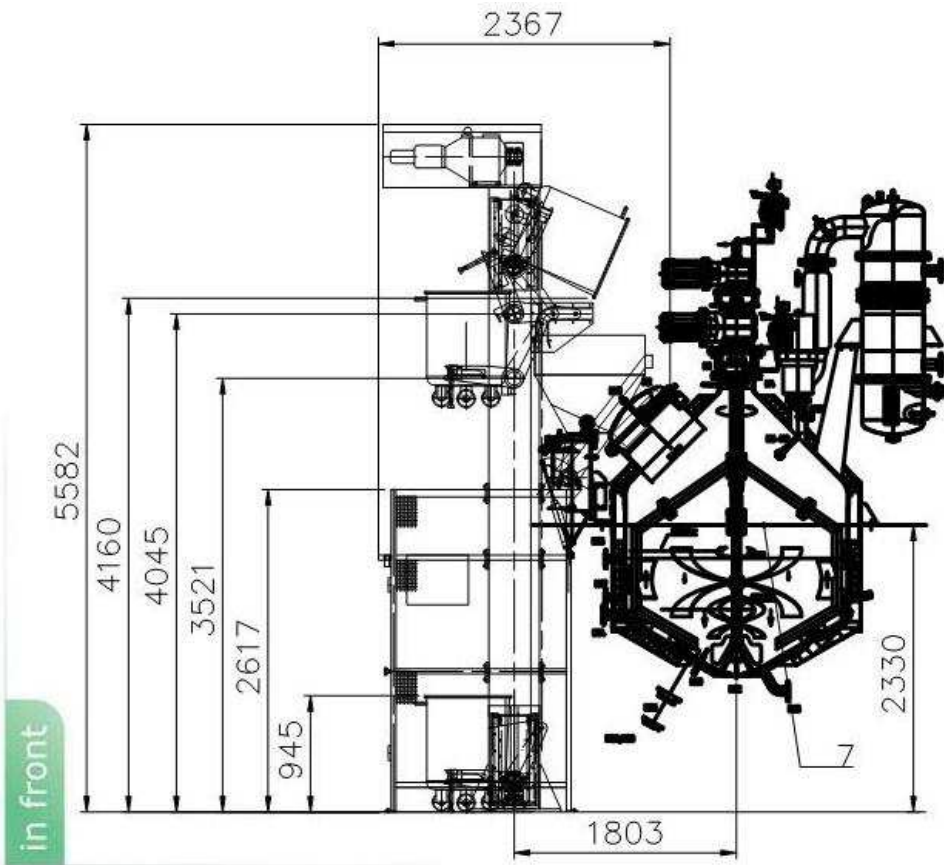
There is a movable chute with a special form to provide loading of the cooking vessel. The chute is fixed to the column and rotates to get the necessary position for loading automatically.

It is possible to use full automatic regime for loading - the cooking vessel can control the lifting process.

There is a full buggy put on the fork of the lifter. When the vessel's lid opens, the lifting process starts. The chute moves to the correct position and the buggy lifts and tilts. After loading, the buggy takes down and the chute can return to basic position.

Thanks to the electromechanical lock the safety fence is locked during the motion of the buggy. The whole process is secured - the automatic defense system, sound and light signals are standard.





## LIFTING EQUIPMENT - COLUMN LIFTERS

<b>Art. No.</b>	<b>31.0315.00</b>	<b>31.0320.00</b>	<b>31.0325.00</b>	<b>31.0330.00</b>
Dimensions (L,W,H mm)	1160/1146/2450	1162/1060/2950	1160/1146/3450	1448/1598/3950
Designation	200 l trolleys	200 l trolleys	200 l trolleys	200 l trolleys
Elevating capacity kg	300	300	300	300
Turning height – mm (can be regulated in 5 stages of 100 mm)	1050-1550 mm	1550-2050 mm	2050-2550 mm	2550-3050 mm
Max. height by turning – mm	2450 mm	2950 mm	3450 mm	3950 mm
Fork type standard/ at 90°	standard	standard	standard	standard
Fixed/mobile	yes/no	yes/no	yes/no	yes/no
Left/right	31.0315.00/31.1315.00	31.0320.00/31.1320.00	31.0325.00/31.1325.00	31.0330.00/31.1330.00
Installed power - kW	0,8	0,8	0,8	0,8
Power supply -electricity	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz

<b>Art. No.</b>	<b>31.0335.00</b>	<b>31.0340.00</b>	<b>31.0345.00</b>	<b>31.0350.00</b>
Dimensions (L,W,H mm)	1160/1146/4450	1160/1146/4950	1160/1146/5450	1160/1146/5950
Designation	200 l trolleys	200 l trolleys	200 l trolleys	200 l trolleys
Elevating capacity kg	300	300	300	300
Turning height – mm (can be regulated in 5 stages of 100 mm)	3050-3550 mm	3550-4050 mm	4050-4550 mm	4550-5050 mm
Max. height by turning – mm	4450 mm	4950 mm	5450 mm	5 950 mm
Fork type standard/ at 90°	standard	standard	standard	standard
Fixed/mobile	yes/no	yes/no	yes/no	yes/no
Left/right	31.0335.00/31.1335.00	31.0340.00/31.0340.00	31.0345.00/31.0345.00	31.0350.00/31.0350.00
Installed power - kW	0,8	0,8	0,8	0,8
Power supply -electricity	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz





**Column lifter for lifting and turning  
200L trolleys**

- right execution, movable
  - carrying capacity up to 300 kg
- 31.5322.00

**Column lifter for  
500 kg containers  
for better loading of raw material**

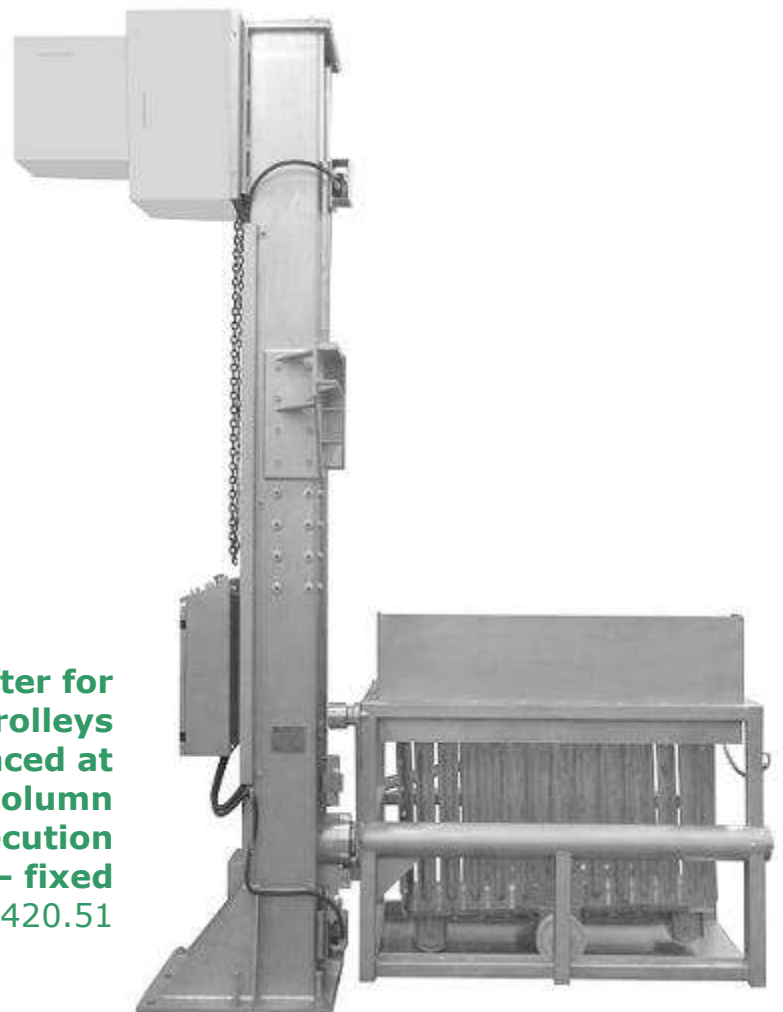
- left execution
- fixed

31.0625.26





**Column lifter for lifting and turning**  
- right execution, fixed  
- turning angle 47°  
- additional button for down motion  
31.1330.47



**Column lifter for special trolleys**  
- motor reducer is placed at the back side of the column  
- right execution  
- fixed  
31.0420.51

## LIFTING EQUIPMENT - COLUMN LIFTERS

Art. No.	31.0625.26	31.0330.47	31.0325.03	31.1540.22
Dimensions (L,W,H mm)	2045/2135/3615	1162/1085/4025	1115/1000/3410	1626/1706/5585
Designation	containers with dimensions 1030x1230x850 mm	200 l trolleys	200 l trolleys	300 l trolleys
Elevating capacity kg	500	300	300	500
Turning height - mm (can be regulated in 5 stages of 100 mm)	2080-2180	2550-3050	2050-2550	4045
Max. height by turning - mm	3735	4025	3410	5585
Fork type standard/ at 90°	standard	standard	standard	standard
Fixed/mobile	yes/no	yes/no	yes/no	yes/no
Left/right	31.0625.26/31.1625.26	31.0330.47/31.1330.47	31.0325.03/31.1325.03	31.0540.22/31.1540.22
Installed power - kW	2,25	0,8	0,8	1,6
Power supply -electricity	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz
Miscellaneous		turning angle 47°; additional button for down motion	stainless steel chain	with movable chute and safety fence

Art. No.	31.0423.52	31.0420.51	31.0350.05	31.0355.05
Dimensions (L,W,H mm)	2136/1330/3925	2520/1330/3135	1162/1060/5950	1162/1060/6450
Designation	special trolleys with dimensions 1180x580x820 mm	special trolleys with dimensions 1180x580x820 mm	300 l trolleys	300 l trolleys
Elevating capacity kg	450	450	300	300
Turning height - mm (can be regulated in 5 stages of 100 mm)	1720-2220	1550-2050	4550-5050	5050-5550
Max. height by turning - mm	3430	3268	6125	6625
Fork type standard/ at 90°	at 90°	at 90°	standard	standard
Fixed/mobile	yes/no	yes/no	yes/no	yes/no
Left/right	31.0423.52/31.1423.52	31.0420.51/31.1420.51	31.0350.05/31.1350.05	31.0355.05/31.1355.05
Installed power - kW	1,5	1,5	0,8	0,8
Power supply -electricity	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz
Miscellaneous	Motor-reducer is at the back side of the column	Motor-reducer is at the back side of the column		



**Column lifter**  
- left execution, movable  
- with chute for tumbler loading  
31.0317.20

**Column lifter**  
- for containers  
- with chute  
- left execution  
- fixed  
31.0324.00



**Column lifter for containers  
with movable chute  
for better loading of raw material  
- left execution  
- fixed  
31.0620.25**



**Column lifter  
- max. turning height 700 mm  
- left execution  
- fixed  
31.0307.22**

## LIFTING EQUIPMENT - COLUMN LIFTERS

Art. No.	31.0317.20	31.0324.00	31.0317.22	31.0620.25	31.0307.22
Dimensions (L,W,H mm)	1398/2034/2905	1162/1146/3490	1110/1060/2660	1869/1380/3532	1162/1060/1725
Designation	200 l trolleys	200 l trolleys	200 l trolleys	containers	200 l trolleys
Elevating capacity kg	300	300	300	600	300
Turning height - mm (can be regulated in 5 stages of 100 mm)	1200-1700	2100-2400	1200-1700	1300-1400	400-700
Max. height by turning - mm	2905	3510	2741	3532	1810
Fork type standard/ at 90°	yes/no	yes/no	yes/no	no/yes	yes/no
Fixed/mobile	no/yes	yes/no	yes/no	yes/no	yes/no
Left/right	31.0317.20/31.1317.20	31.0324.00/31.1324.00	31.0317.22/31.1317.22	31.0620.25/31.1620.25	31.0307.22/31.1307.22
Installed power - kW	0,8	0,8	0,8	2,25	0,8
Power supply -electricity	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz	3x400+230V/50Hz
Miscellaneous	Movable, with chute for tumbler loading	with chute (730x475 mm)	with chute (556x410 mm)	with chute for tumbler	

## **SWING LOADERS**

**30.1103.00 and 30.2104.00**

Swing loader is designated only for fast and effective lifting and turning of 200 l trolleys. They are made of stainless steel, 1.4301 DIN (AISI 304).

They can be driven by hydraulic or pneumatic system.

They can be fixed or movable. Execution-left or right.

The machines complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.

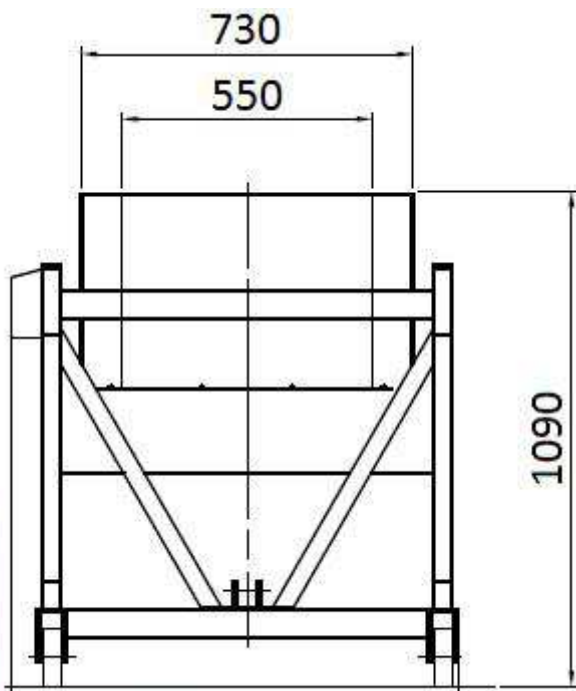


**Swing loader for  
lifting and turning of 200L trolleys**  
- carrying capacity up to 300 kg  
- hydraulic drive  
30.1103.00

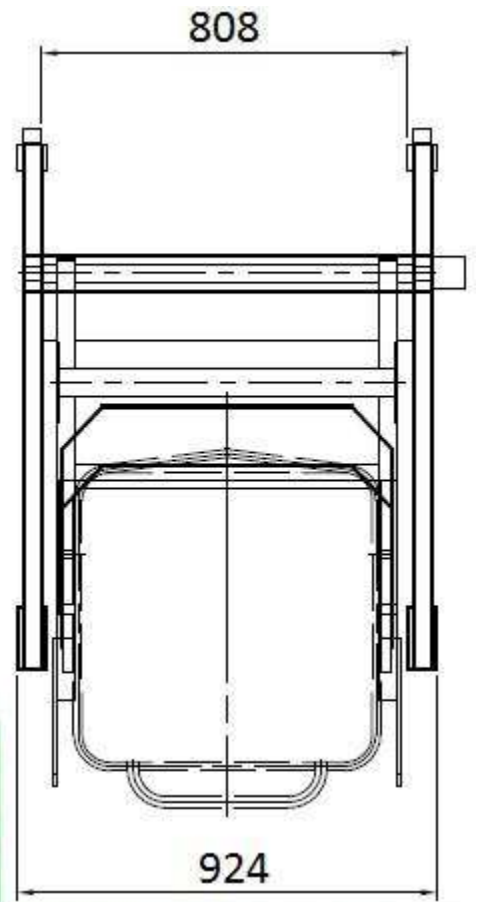
**Swing loader for  
lifting and turning of 200L trolleys**  
- carrying capacity up to 350 kg  
- pneumatic drive  
30.2104.00



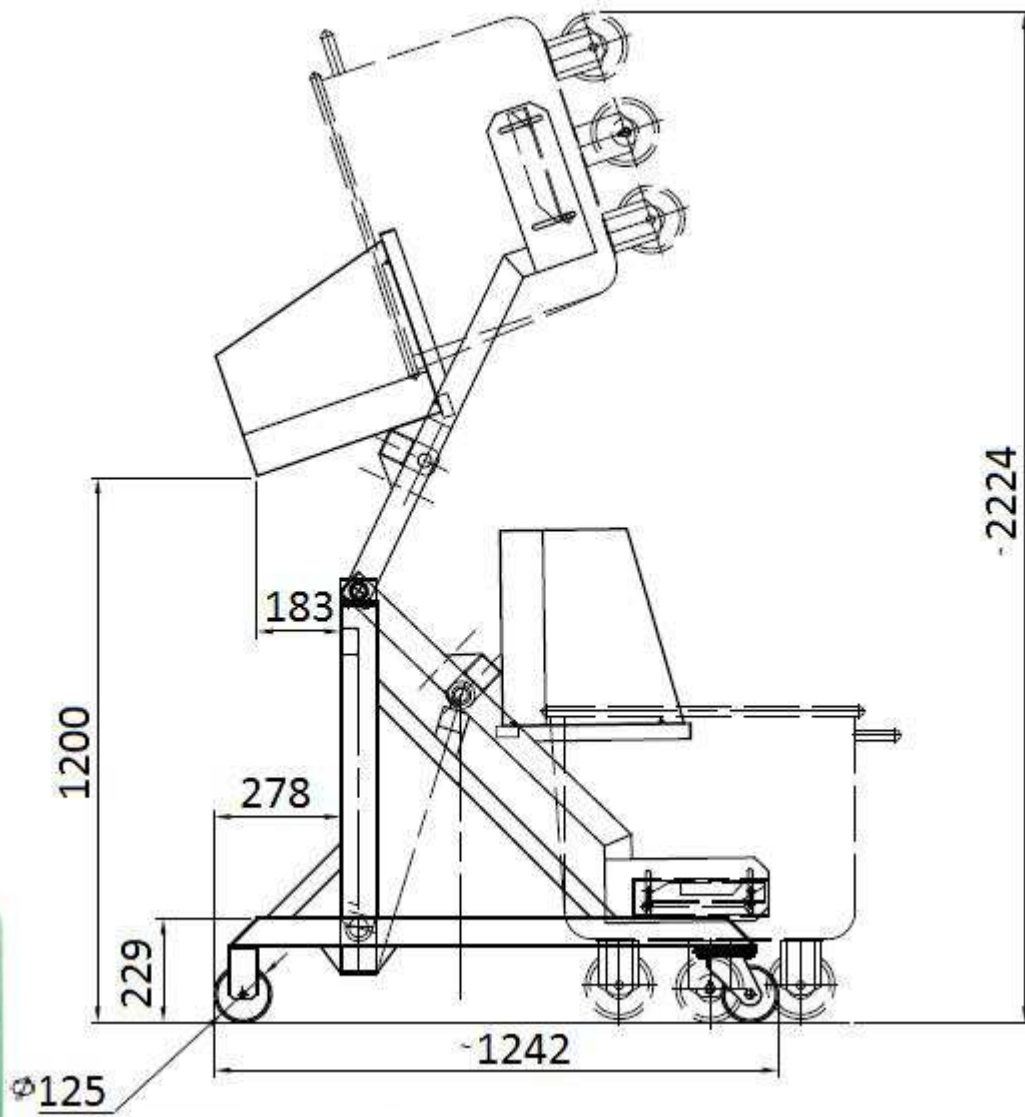
in front



above



sidewards





## LIFTING EQUIPMENT – SWING LOADERS

Art. No.	30.0003.00	30.1103.00	30.2104.00
Dimensions (L,W,H mm)	1180/900/1080	1220/1117/1200	1242/1100/1090
Designation	200 l trolleys	200 l trolleys	200 l trolleys
Elevating capacity kg	300	300	300
Turning height – mm	1200	1200	1200
Fixed/mobile	yes/no	no/yes	no/yes
Control block - left/right side	30.0003.00/30.1003.00	30.0103.00/30.1103.00	30.3104.00/30.2104.00
Installed power - kW	0,6	0,6	-
Power supply - electricity/water/steam/compressed air/drain	3x400+230V/50Hz	3x400+230V/50Hz	min 0,6 MPa
Miscellaneous	hydraulic	hydraulic	pneumatic



**Swing loader for  
lifting and turning of  
vessels with dimensions  
640mm x 453,5mm x 305mm  
- powered by accumulator battery  
30.5101.01**



**Swing loader  
for containers  
up to 1000 l  
30.1009.05**



**Swing loader  
for metal barrels  
and plastic drums  
30.0103.08**



## LIFTING EQUIPMENT – SWING LOADERS

Art. No.	30.0103.08	30.5101.01	30.1009.05
Dimensions (L,W,H mm)	1430/990/1270	1160/1160/1240	2055/2050/1300
Designation	barrels (900 mm, ø 600; 970 mm, ø 590) and drums (970 mm, ø 590)	vessels, 640x453,5x305 mm	containers, 1200x1000x760 mm
Elevating capacity kg	300	60	1000
Turning height – mm	990	780	1200
Fixed/mobile	no/yes	no/yes	yes/no
Control block - left/right side	30.0103.08/30.1103.08	no/yes	30.0009.05/30.1009.05
Installed power - kW	0,6	-	2,3
Power supply - electricity/water/steam/ compressed air/drain	3x400+230V/50Hz	-	3x400+230V/50Hz
Miscellaneous	nonstandard fork	with storage battery	



**Swing loader for  
lifting and turning of 200L buggies  
- carrying capacity up to 300 kg  
30.1103.00**

**Belt conveyor  
41.1345.03**



**Wheel carrier  
for column lifter  
38.5900.00**