

TANKS

SAFETY BUNDS

Data Sheet

PE tanks for chemical mixing and dosing system.
With level indicator.

Tanks can be assembled with:

- metering pumps
- suction lances
- mixers
- feed water valve
- outgassing pump hose
- outgassing valve on the higher top side.
- bleed water valve

Dummy holes ensure chemical isolation.

All dosing station components assembled on are enclosed into tank diameter.

Mixers screwed on **thread metal insert** are **tilted** for better central mixing.

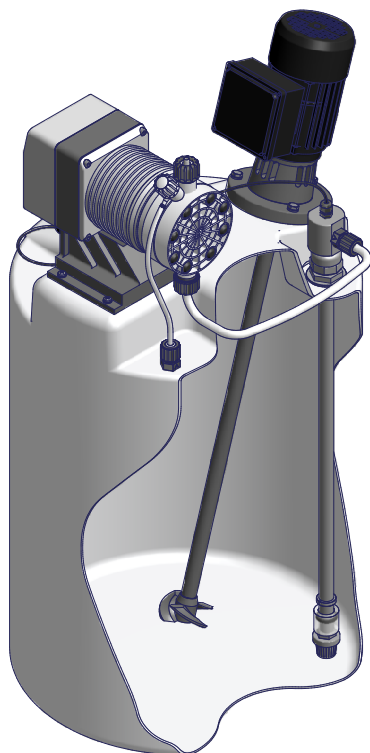
Stainless Steel (AISI 316) fixing screws with rubber cap.

OPTION

- Feed water valve (1/2" or 3/4")
- Bleed water valve (1/2" or 1")
- Outgassing valve

Temperature..... 0-40° C (32-104°F)

Material PE



DOSING STATION

Pre-assembled dosing station with:

- 1 metering pump (or 2, if any mixer)
- 1 mixer
- 1 feed water valve
- 1 outgassing valve
- 1 or 2 suction lances
- 1 bleed water valve
- 2 probe filters (if any mixer)

If 2 metering pumps are assembled on, install a suction lance with double suction input and a KDPV connection kit.

The table below lists EMEC components you can choose for dosing station.

Tank model	Metering pump (mod.)	Mixer (mod.)	Suction lance
CNT50	• V (with bracket) • K	• MIX MAN	• LASP4 (40 cm) • LASP5 (40 cm)
CNT110	• V (with bracket) • K • A • T (with bracket)	• MIX8N • MIXV8N	• LASP4 (63 cm) • LASP5 (63 cm)
CNT200 *	• V (with bracket) • K • A • T (with bracket)	• MIX8N • MIXV8N • MIX4N • MIXV4N • MIXV2N	• LASP4 (75 cm) • LASP5 (75 cm)
CNT500 *	• V (with bracket) • K • A • T (with bracket)	• MIX8N • MIXV8N • MIXV4N • MIX4N • MIXV2N	• LASP4 (108 cm) • LASP5 (108 cm)
CNT1000	• V (with bracket) • K • A • T (with bracket)	• MIX4N • MIXV2N • MIX2	• LASP4 (120 cm) • LASP5 (120 cm)

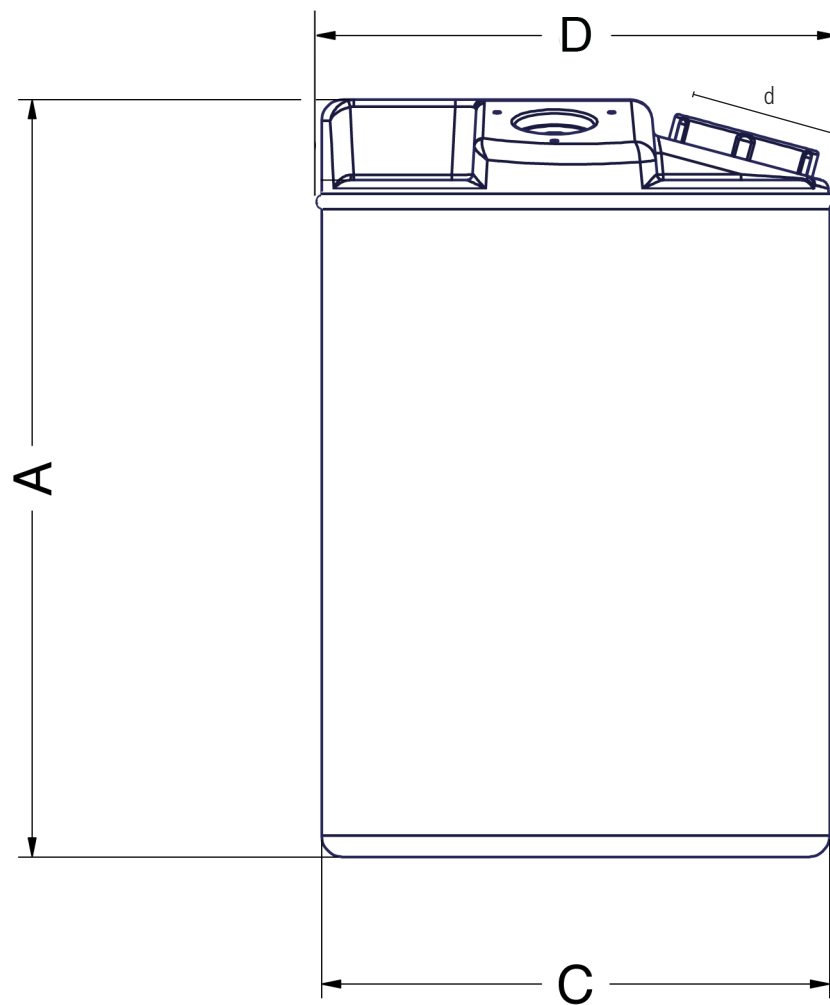
* Models set for 2 suction lances.

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DIMENSIONS



Model	Litres	A	C	D
CNT50	50	505	ø 420	-
CNT110	110	735	ø 495	ø 505
CNT200	200	850	ø 610	-
CNT500	500	1200	ø 780	-
CNT1000	1000	1240	ø 1120	-

Measures in mm.

HOLES DIMENSIONS

Model	Chemical load (d)	Feed water valve	Bleed water valve	Outgassing valve	Suction lance	Pump outgassing hose
CNT50	95 mm	1/2" filettato	1/2" filettato	1/2" filettato	1 1/2" filettato	1/2" 4x6
CNT110	120 mm	1/2" filettato	1/2" filettato	1/2" filettato	1 1/2" filettato	1/2" 4x6
CNT200	120 mm	1/2" filettato	1/2" filettato	1/2" filettato	1 1/2" filettato	1/2" 4x6
CNT500	150 mm	1" filettato	1" filettato	1/2" filettato	1 1/2" filettato	1/2" 4x6
CNT1000	260 mm	1" filettato	1" filettato	1/2" filettato	1 1/2" filettato	1/2" 4x6

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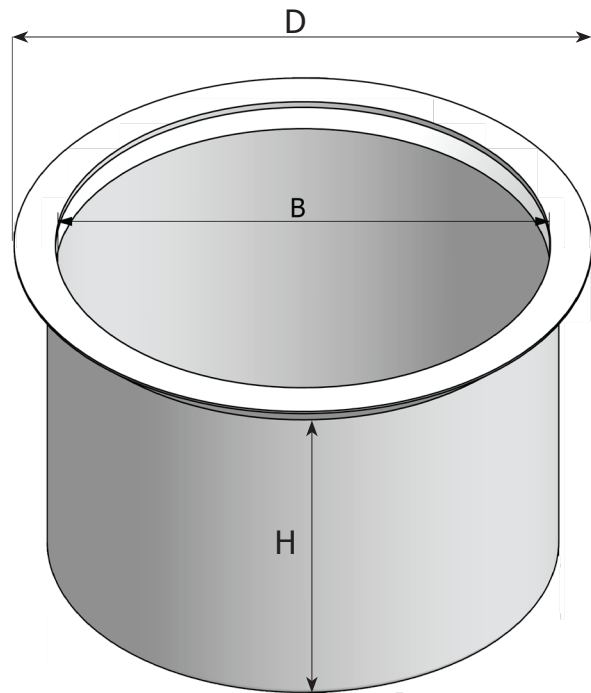
Data Sheet

PE safety bunds for "CNT" tanks.

Reinforced collar for increasing security.

Temperature..... 0-40° C (32-104°F)

Material PE



Model	Litres	D	B	H	Tank model
COS50	60	510	430	425	CNT50
COS110	120	545	520	615	CNT120
COS200	300	695	660	875	CNT250
COS500	600	840	820	1095	CNT500
COS1000	1500	1240	1150	1250	CNT1000

Measures in mm.

FEATURES

- The mixer is used with size tank from 120 l to 1000 l.
- The gear box (lubrification free) is coupled to the tank fixing flange.
- The main axis is made in stainless steel and covered in PVC.
- The seal against chemical vapour is a Fluorocarbon rotary seal inserted between the flange and the PVC cover of the shaft. This protects the gear box and the motor from chemical vapour.

EMEC supplies MIX with three different speeds: 65 RPM, 200 RPM and 1400 RPM.

The MIX shaft length can be customized to fit different size tanks.

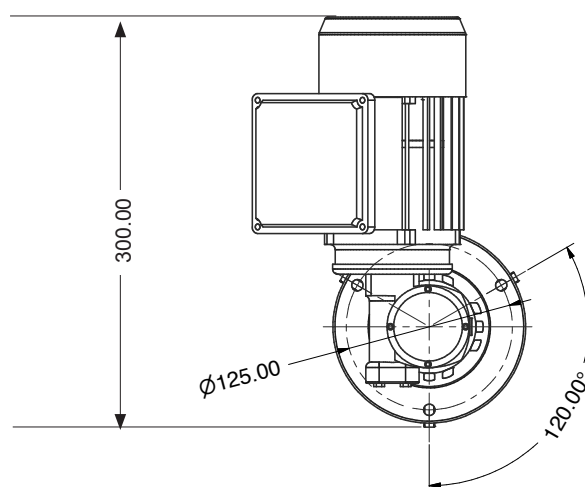
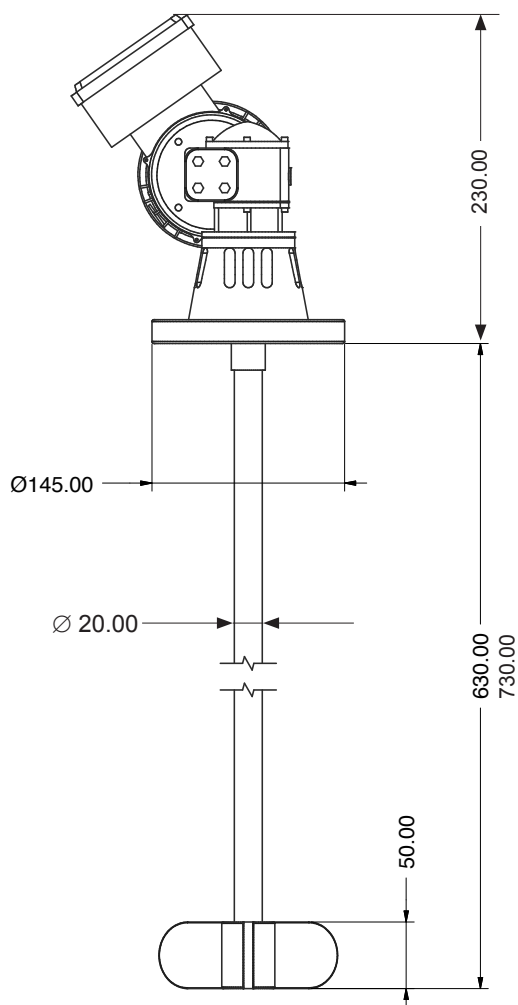
SPECIFICATIONS

MODELS	Rated power (kW)	Rotation speed (rpm) ¹	Height (mm) ¹	Tank	Impeller	Impeller diameter (mm)	Weight (Kg)
MIX8N-MON	0,09	65 or 200	630	CNT PD 120	3 blades	150	7.00
			730	CNT PD 250			
MIX8N-TRI	0,09	65 or 200	630	CNT PD 120	3 blades	150	6.55
			730	CNT PD 250			
MIXV8N-MON	0,09	1400	630	CNT PD 120	marine	70	5.50
			730	CNT PD 250			
MIXV8N-TRI	0,09	1400	630	CNT PD 120	marine	70	5.30
			730	CNT PD 250			
MIX4N-MON	0,18	65 or 200 or 400	730	CNT PD 250	4 blades	150	11.00
			980	CNT PD 500			
			1100	CNT PD 1000			
MIX4N-TRI	0,18	65 or 200 or 400	730	CNT PD 250	4 blades	150	9.50
			980	CNT PD 500			
			1100	CNT PD 1000			
MIXV4N-MON	0,18	1400	730	CNT PD 250	marine	90	8.00
			980	CNT PD 500			
MIXV4N-TRI	0,18	1400	730	CNT PD 250	marine	90	8.00
			980	CNT PD 500			
MIXV2N-MON	0,37	1400	730	CNT PD 250	marine	90	12.00
			980	CNT PD 500			
			1100	CNT PD 1000			
MIXV2N-TRI	0,37	1400	730	CNT PD 250	marine	90	10.50
			980	CNT PD 500			
			1100	CNT PD 1000			
MIX2N-MON	0,37	65 or 200 or 400	1100	CNT PD 1000	4 blades	200	16.00
MIX2N-TRI	0,37	65 or 200 or 400	1100	CNT PD 1000	4 blades	200	14.50

DIMENSION (mm)

MIX8N-MON

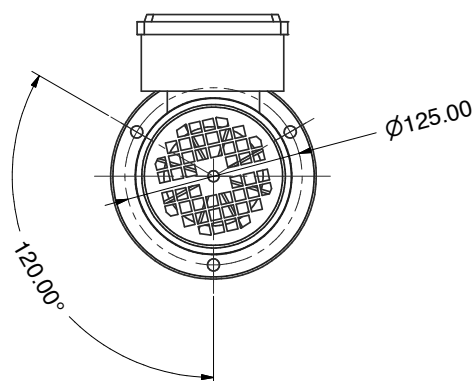
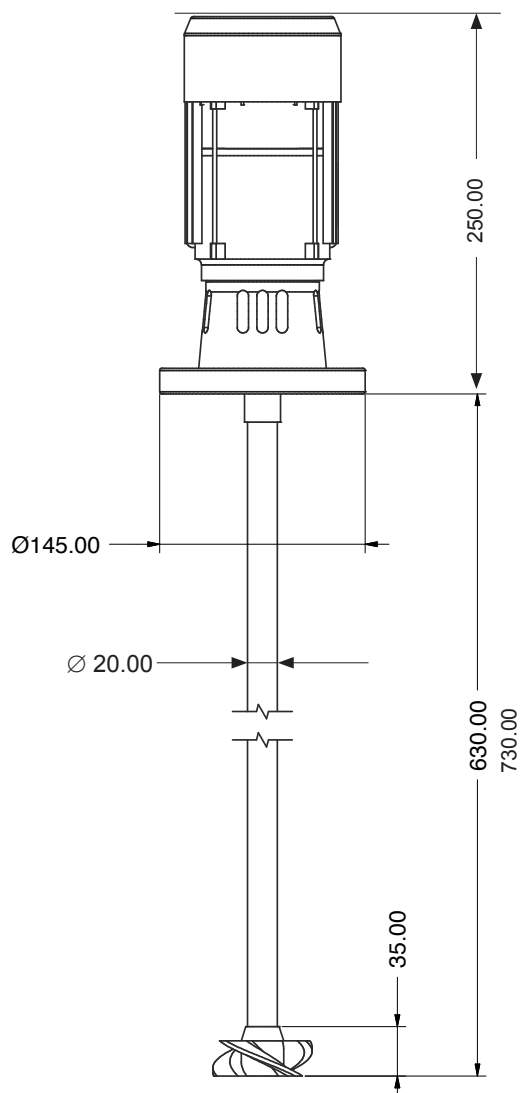
MIX8N-TRI



DIMENSION (mm)

MIXV8N-MON

MIXV8N-TRI



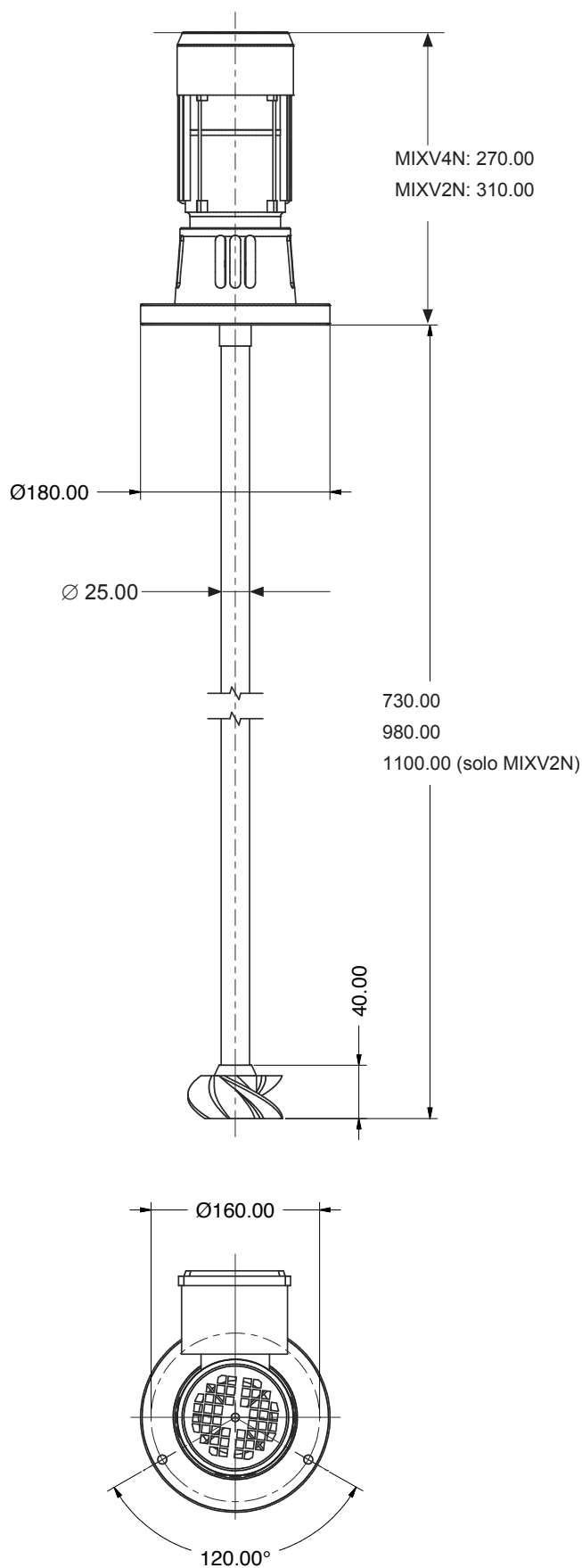
DIMENSION (mm)

MIXV4N-MON

MIXV4N-TRI

MIXV2N-MON

MIXV2N-TRI



DIMENSION (mm)

MIX2N-MON

MIX2N-TRI

MIX4N-MON

MIX4N-TRI

