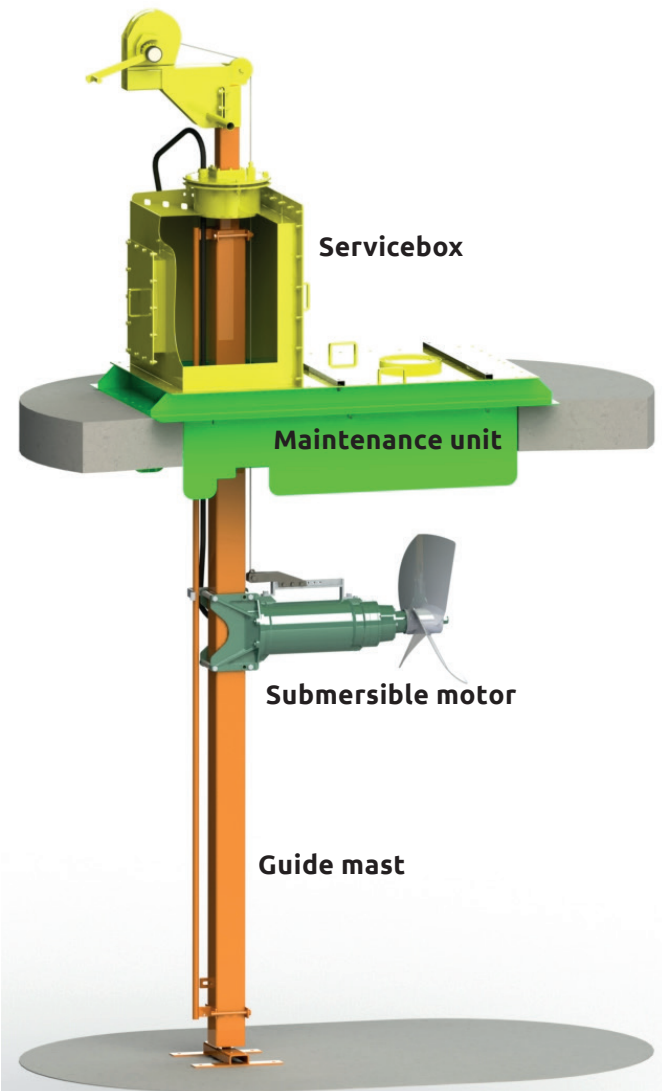
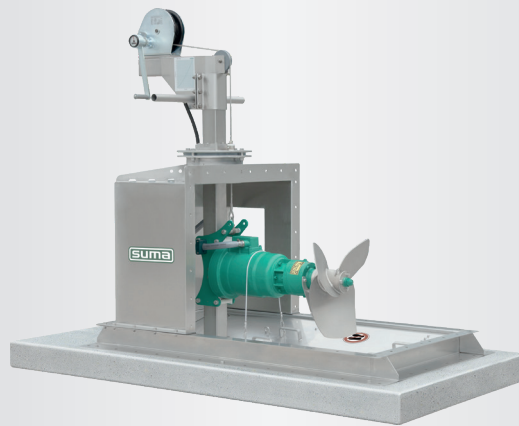


GDD

GASTIGHT CEILING LEAD THROUGH



Application

Gas tight concrete ceiling lead through for biogas tanks up to 33 ft (fermenter, secondary fermenter, end storage) with concrete ceiling
 Gas pressure 5.0 mbar (higher pressures on request)
 For all OPTIMIX series applicable

Service box

Mounting directly on concrete ceiling (flatness 3 mm) or on base frame of maintenance unit
 Tank opening 66.9 x 35.4 in (other opening sizes on request)
 Sealing plate ss316 73.6 x 42.1 x 0.12 in
 Sight glass with wiper and flushing Ø 11.8 in
 Lateral adjustment 360°
 Gas tight sealing: PVC sealing package, o-rings, grease
 ss304-rope winch with 0.31 in rope) tensile load 1984 lbs)

Unit

Service box
 Maintenance unit
 Submersible motor
 Guide mast

Maintenance unit (Option)

Base frame 79.9 x 48.4 x 0.12 in, ss316
 Maintenance flap for closing the tank during service and maintenance work
 Greater dimensions for bigger tank openings on request

Guide mast with ss316-rope

Mast: 3.9 x 3.9 / 4.7 x 4.7 / 5.9 x 5.9 in ss316
 Rope and cable guide behind the mast

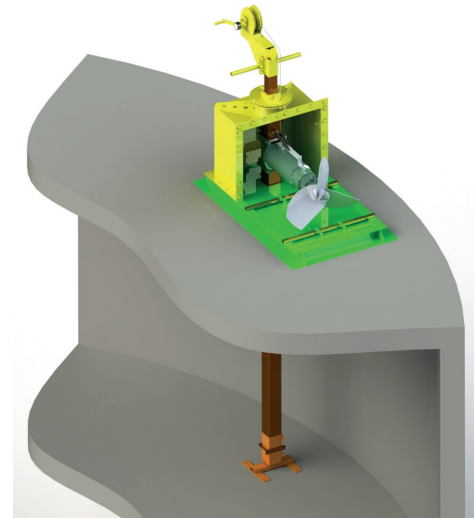
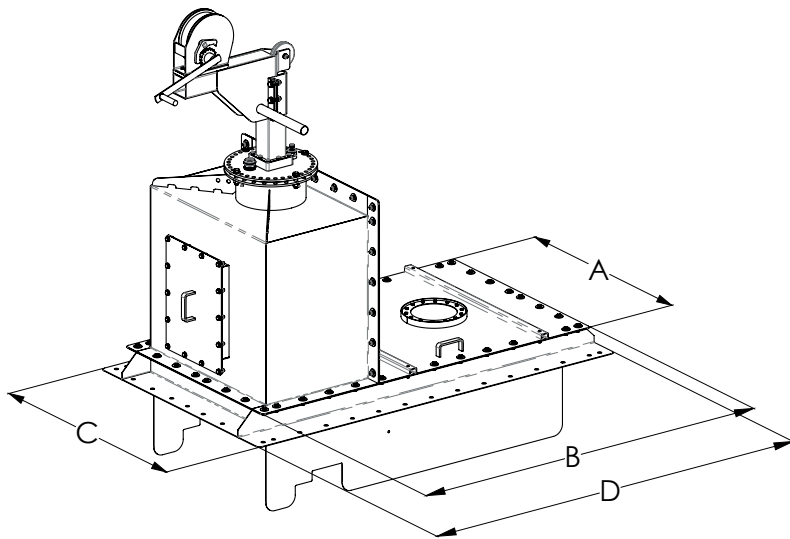
Height indication

For indication of the exact agitator height in the tank.
 Mounted on the rope winch and readable from the outside.

Maintenance position

Base frame (6.7 x 3.9 ft) with maintenance flap for closing the tank (nearly gas tight)

GDD GASTIGHT CEILING LEAD THROUGH



Dimensions

Description	A [in]	B [in]	C [in]	D [in]	Opening width [in]	Opening length [in]	Flatness concrete [in]
Servicebox (sealing plate)	42.0	76.6			35.4	66.9	0.12
Option: Maintenance unit (box with cover)			48.4	79.9			

Subject to technical changes