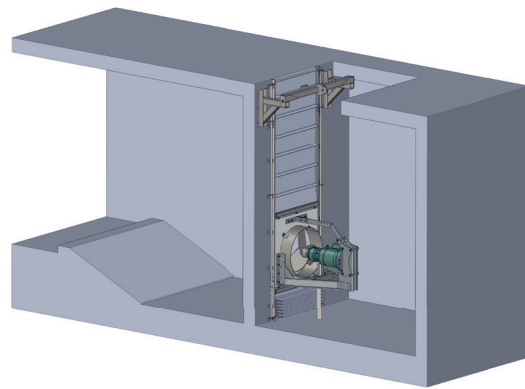
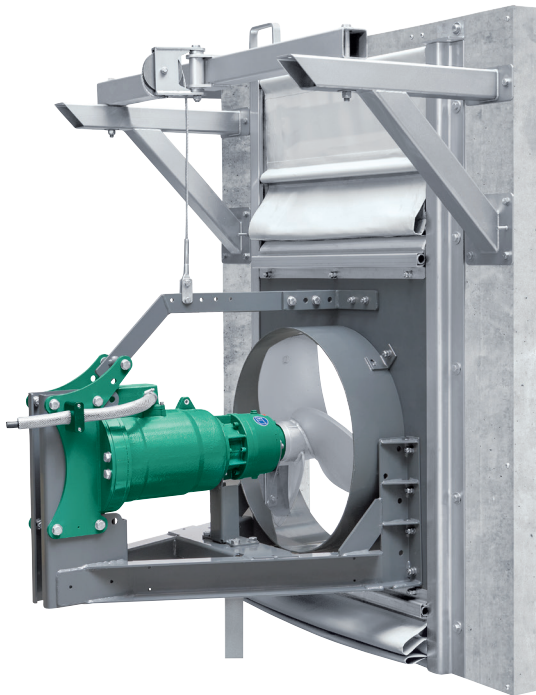


Optimix adjustable



Application

For ring and slalom channels up to 4 m depth

Agitation tunnel

Attachment directly on the concrete funnel

Funnel channel has a optimum width of 700 - 750 mm

Guiding rails and crossmember in ss304 onto on-site wall window or brickwork chase with guide slot

Microbe resistant and fabric-reinforced foil

PVC-Plate 30 mm thick

Hoisting device for agitators via ss316-stainless steel-wire rope

Agitator frame galvanized and coated

Propeller

Optimix 2G 9 kW / propeller HD+ 580 / 380 rpm

Optimix 2G 15 kW / propeller HD+ 660 / 380 rpm

Propeller is galvanized, optional hardened steel, ss304 or hardened ss304

Optional ss304-version

Optimix 2A 135 - 380 completely in ss304 (13,5 kW)

Propeller HD+ 620 in ss304, optional hardened ss304

Agitator guiding frame in ss304

Rope winch

Galvanized cable winch with ss316-stainless steel-wire rope

Tensile load up to 1,200 kg

Cable

Pressed on cable gland

Cable 7 x 4 + 2 x 1,5 mm², Ø 20 mm,

Resistant against biomass

Cable strain relief 800 N integrated

Submersible motors

Motor powers: 9 / 15 kW

Authorized for ex-zone 2

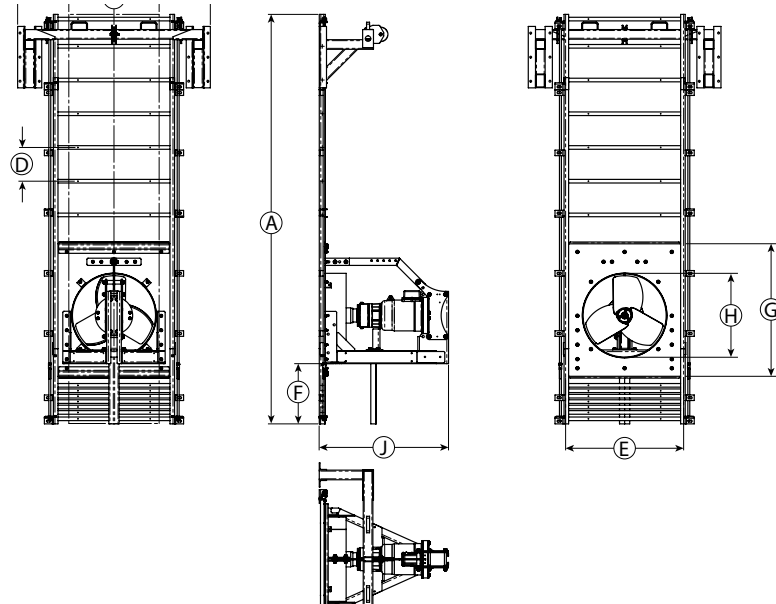
Connection cable 10 m or 14 m

Optional: Star-delta switch or SUMA soft starter

Delivery scope

- Agitation tunnel
- Submersible motor stationary
- Cable winch

Optimix adjustable



Dimensions: Optimix adjustable

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	J [mm]	
Optimix adjustable	3,400	1,600	700-750	300	980	500	1.100	Ø 690	1,073	

Technical data

Type	Rated Power [kW]	Rated Voltage [V]	Full load current [A]	Frequency [Hz]	Power factor cos ϕ	Gear reduction ratio	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate [m ³ /min]	Weight approx. [kg]
Optimix 2G 90-380	9	400	18,0	50	3,83	375	580	2,0	3,4	52	180
Optimix 2A 135-380	13,5	400	24	50	3,83	380	620	2,4	3,8	64	190
Optimix 2G 150-380	15	400	29,0	50	3,83	383	660	3,1	4,1	80	190

Subject to technical changes.

* measured in water and 1.2 m distance