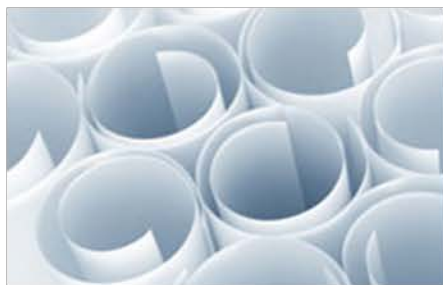
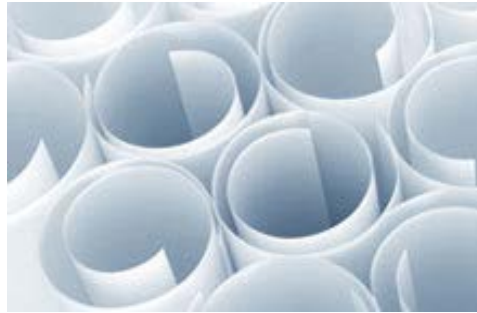


Agitators,
flow generators,
silos and tanks





Water treatment



Pulp and paper industry



Biogas



Flue gas cleaning



Chemical industry



Mining and metallurgy



Food and dairy industry



Pharmaceutical industry

Top mounted agitators

Broad range of top mounted agitators. Stamo top mounted agitators are individually designed and manufactured to suit the customer process requirements. A broad variety of configuration options covers all types of agitation needs.

Power:	0.09 – 300 kW
Drive:	Geared, Direct, Belt, Air or Hydraulic drive
Mounting:	IEC motor flange, Mounting plate, Welded or cast iron stand
Bearing:	With or without bearing
Shaft sealing:	Radial seal, Stuffing box, Labyrinth seal, Single or double mechanical seal, Split seal, Gas seal
Shaft:	Lengths up to 30 m (free hanging) Round shaft $\varnothing 8 - \varnothing 300$ mm Square tube shaft up to 300x300 mm
Impeller:	Two, three or four bladed impellers Size and type depending on customer's process Diameter $\varnothing 75 - \varnothing 8000$ mm
Options:	Catch ring or bottom bearing to stabilize shaft Various types of steel and lining ATEX motor



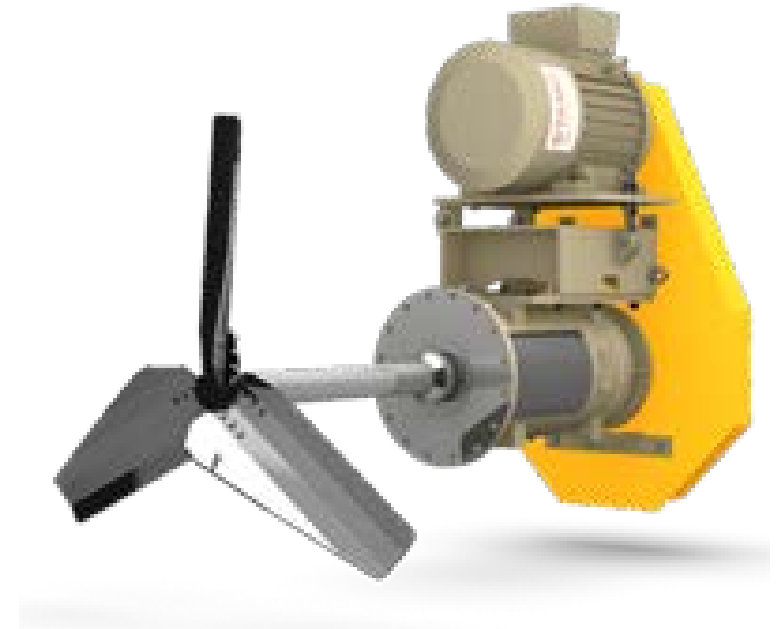
Side Entry Agitators

Side mounted agitators are particularly useful when the tank construction only allows side-entry agitators.

When required the agitators are also used to maintain extra powerful agitation in the bottom region of the tank.

Side mounted agitator

Power:	1.0 – 300 kW
Drive:	Geared, Belt, Air or Hydraulic drive
Mounting:	Mounting plate, Welded or Cast iron stand
Bearing:	With or without bearing
Shaft sealing:	Stuffing box, Single or Double mechanical seal, Split seal, Gas seal
Shaft:	Ø30 – Ø150 mm
Impeller:	Size and type depending on customer's process Diameter Ø125 – Ø2000 mm
Options:	Support to minimize forces on tank flange Various types of steel and lining ATEX motor



Side Entry Agitators

Side mounted agitators are particularly useful when the tank construction only allows side-entry agitators.

When required the agitators are also used to maintain extra powerful agitation in the bottom region of the tank.

Stamo 45° Agitator

Power:	7.5 - 15 kW
Drive:	Geared drive
Mounting:	Cast iron stand, DN 400 PN 10
Bearing:	With bearing
Shaft sealing:	Radial seal, Stuffing box, Labyrinth seal, Single or Double mechanical seal, Split seal, Gas seal
Shaft:	Length depending on the height of the tank, up to 8 m
Impeller:	One, two or three propellers, size depending on customer's process, up to \varnothing 3000 mm
Bottom support:	Bottom bearing to stabilize shaft No maintenance
Options:	Various types of steel and lining ATEX motor.



Homa Spiral Agitators

Immersed Homa agitators combine efficient agitation capability with compact agitator size. Agitators can be either direct driven or geared. Agitators are equipped with mechanical sealing.

HRS/CHRS – models are direct driven

HRG – models are geared

- streamlined, compact design
- self cleaning, energy efficient propeller
- ideal for installation in any tank design
- compact and easy-handling installation and lifting system (optional)

Main applications:

- Stirring, agitation, dissolving
- Sludge homogenisation
- Stormwater tanks
- Suspension of sediments or swimming covers also in pump pits
- Mixing of chemicals and high viscosity liquids
- Fishfarming
- Flow generation
- Cooling basins



HOMA Flow generators



HOMA flow generators for a reliable and economic operation in waste water treatment.

HRM/ HRL flow generator:

- self cleaning, vibration free 2- or 3- blade propeller with high efficiency for high flow performance at low speed for low energy cost
- high performance propeller drive by robust planetary transmission
- individual positioning in all tank designs for optimum flow generation by robust and easy-handling installation and lifting system

Flow generators can be equipped with compact and easy-handling installation and lifting system (optional)

Main applications:

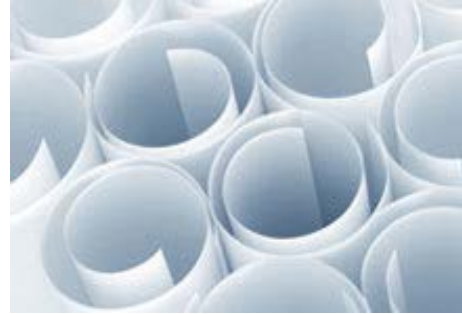
- Nitrification
- Denitrification
- Phosphate-elimination
- Mixing, agitating
- Fishfarming



Silos and tanks



Water treatment



Pulp and paper industry



Biogas



Flue gas cleaning



Chemical industry



Mining and metallurgy

Silos and tanks

BioCone Oy is specialised in manufacturing large scale silos and tanks. Company's production facilities are optimal for handling and manufacturing large scale equipment and complete deliveries.

BioCone Oy has a long term experience in designing, manufacturing and turn-key deliveries of silos and tanks for various industries.

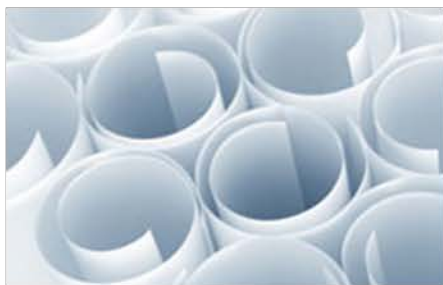
Silos and tanks:

- Potable and waste water treatment
- Pulp and paper industry
- Biogas plants
- Chemical and process industry
- Mining and metallurgy

Silos and tanks manufactured according to customer's needs. The materials used are either normal carbon steel or stainless steel for corrosive environments. Silos and tanks are designed according to EN standards. Silos and tanks can be delivered with various support structures, maintenance structures, insulation, surface structures and pipe fittings.



Contact



Marko Huuho
marko.huuho@biocone.fi
+358 40 181 2382



BioCone Oy
Asematie 10
82380 Tolosenmäki