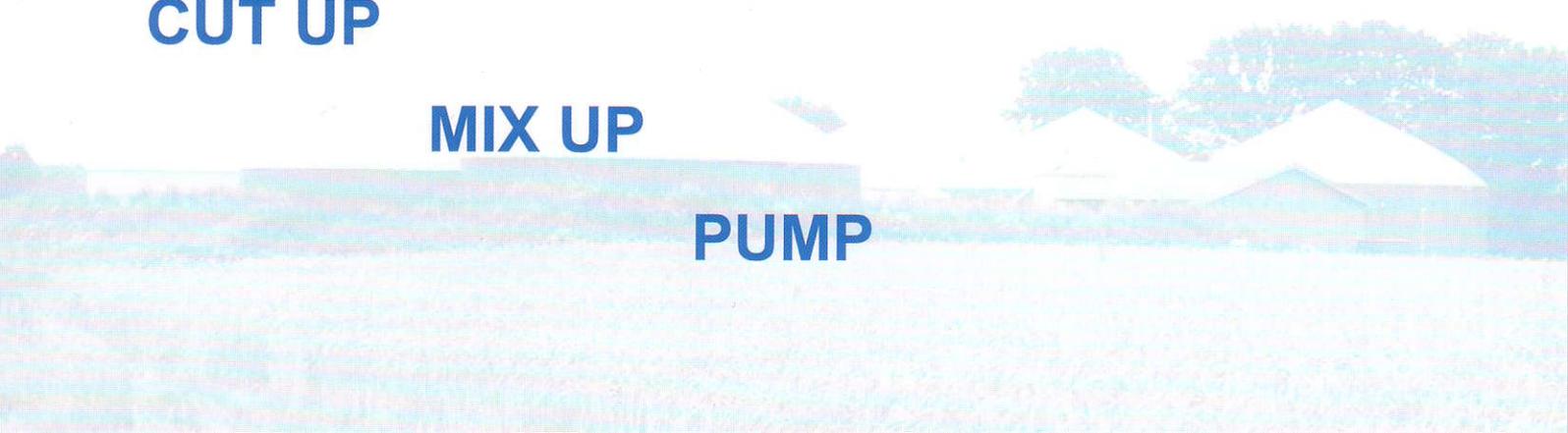


QuickMix

CUT UP

MIX UP

PUMP



QuickMix: Always the right mix.

A simplified process

The QuickMix combines the advantages of two proven machines into one simplified unit. It operates similar to a twin shaft screw conveyor equipped with tines and is powered by an integrated rotary lobe pump. Both the pump and conveyor are powered by a common drive. With the QuickMix liquid with extremely high DS (Dry Substance) content / high viscosity can be mashed, mixed and pumped in one process.

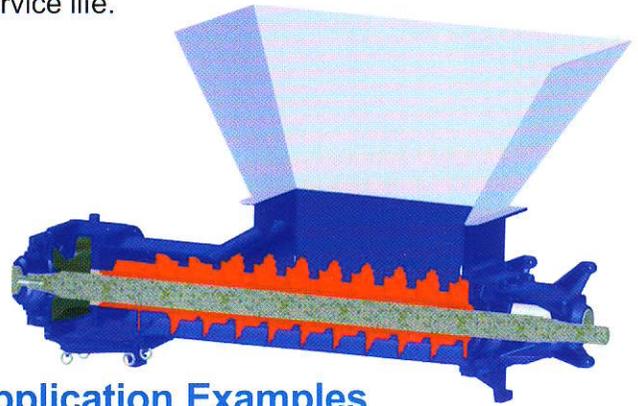
Function

As the solids are fed into the conveyor, fluid (e.g. Slurry, liquid manure or fermenting remainders) is added through an inlet positioned on the side of the unit. The tines of the double screw conveyor cut up the coarse material and mix it with the liquid creating a homogeneous mixture. The DS content can be adjusted by regulating the amount of liquid being added to the solids. As the mixture moves along the conveyor it reaches the pump chamber where it's then pumped to its destination.



Compact & Maintenance-friendly

The QuickMix utilizes many of the proven components of Vogelsang rotary lobe pump. The screw conveyor and pump share common shafts, which are isolated from the mixture. All maintenance to the pump chamber, including lobe, wear plate and mechanical seal changes are done in place, without disturbing connected piping. Even the conveyors can be exchanged if necessary. The double-sided bearing that supports conveyor operates without contacting the housing segments. The lack of contact prevents wear to both the conveyor and housing. This allows higher performance and longer service life.



Application Examples

Using QuickMix allows solids of different textures to be mixed to an even consistency. QuickMix works great on typically problematic substances such as: food waste, animal food, corn- & gras silage, straw, hay and manure. The pump can handle non-compressible solids up to 60 mm and is designed to handle stones and other debris commonly found in animal, agricultural and food waste.

Capacity: Corn silage (30% DS) and slurry (7% DS) in ratio 50/50. Result: 78m³/h resp. 64t/h. Corn of that: 29t/h

www.vogelsang-gmbh.com



Vogelsang Maschinenbau GmbH

Holthöge 10-14 · D-49632 Essen (Oldb.) · Tel.: +49 - 54 34 830 · Fax: +49 - 54 34 83 10
e-mail: info@vogelsang-gmbh.com · Internet: www.vogelsang-gmbh.com

Filiale: Vogelsang Rothenschirmbach

Gewerbegebiet Rothenschirmbach Nr. 8 · D-06295 Lutherstadt Eisleben
Tel.: +49 - 3 47 76 2 05 81 · Fax: +49 - 3 47 76 2 05 82 · E-mail: rsb@vogelsang-gmbh.com

Vogelsang USA Ltd.

7966 State Route 44 · Ravenna, OH 44266 · USA
Tel.: +1- 330 296 3820 · Fax: +1- 330 296 4113
e-mail: sales@vogelsangusa.com · Internet: www.vogelsangusa.com

Vogelsang Miljøteknik A/S

Smedesvinget 6 · DK - 6880 Tarm
Tel.: +45 - 9737 2777 · Fax: +45 - 9737 3077 · e-mail: vogelsang@adr.dk

Vogelsang Ltd.

Unit 13, Cobden Ind. Est · Quakers Coppice, Crewe Gates GB Crewe, Cheshire, CW1 6EW
Tel.: +44 - 1270 216 600 · Fax: +44 - 1270 216 699
e-mail: sales@vogelsang.co.uk · Internet: www.vogelsang.co.uk

Vogelsang France S.A.R.L.

Zone Artisanale de Fontgrave · F - 26740 Montboucher Sur Jabron
Tel.: +33 - 4 75 52 74 50 · Fax: +33 - 4 75 52 76 61 · e-mail: info@vogelsang.fr · Internet: www.vogelsang.fr

Vogelsang Italy Srl

Via A. de Gasperi, 25 · IT - 26025 Pandino (CR)
Tel. + Fax: +39 - 03 73 91 087 · e-mail: info@vogelsang-srl.it · Internet: www.vogelsang-srl.it

Vogelsang Baltic

Kniaudiskiu g. 46-62 · LT - 37122 Panevezys
Tel. + Fax: +370 - 45 51 73 88 · e-mail: gritenas@vogelsang-gmbh.com

Vogelsang Malaysia

24, Jalan Ara SD 7/3D · Bandar Sri Damansara · 52200 Kuala Lumpur Malaysia
Tel. + Fax: +60 - 3 62 72 91 87 · e-mail: chan@vogelsang-gmbh.com