

STANDARD MHR MIXER

 SOFRADEN

A subsidiary of  VINCI
ENERGIES



DESCRIPTION

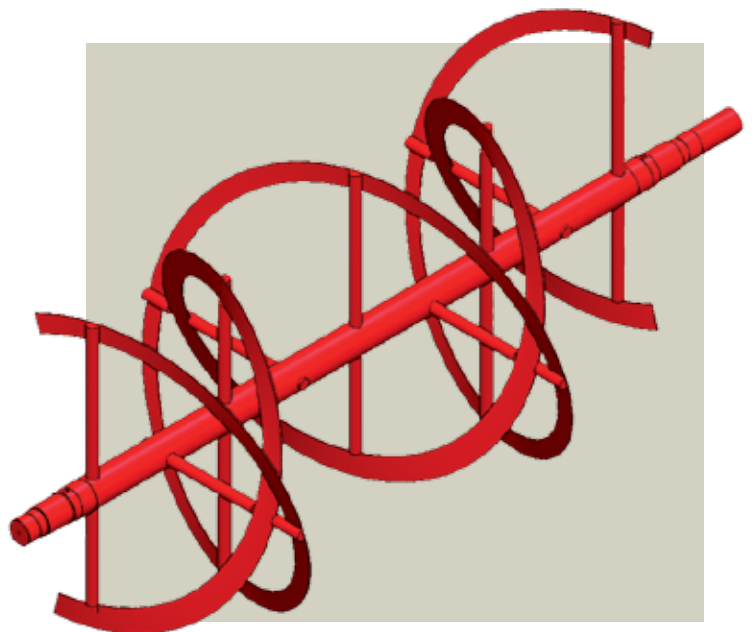
The **horizontal ribbon mixer** is built with a metal frame which is mechano-welded and bolted.

The **bucket shape** allows a bigger opening on the top which can be partially covered with a trap supply door or a security grid.

A central rotor, equipped **with several criss-cross ribbons**, enables longitudinal movements of the various products which are to be mixed.

Draining is done through a specific lower or side trap door as per the instructions.

We also propose a complete draining system.



STRENGTHS

- High quality mixing at low speed
- Injectin of liquid
- Heavy duty construction
- Product integrity respect
- Low energy consumption



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CHARACTERISTICS

Type	MHR 050	MHR 100	MHR 200	MHR 500	MHR 1 000	MHR 1 500	MHR 2 000	MHR 3 000	MHR 5 000	MHR 7 500
Useful Capacity (L)	50	100	200	500	1 000	1 500	2 000	3 000	5 000	7 500
Ø mm tank interior	320	400	500	700	850	1 000	1 100	1 250	1 450	1 650
L tank (mm)	600	760	1 000	1 300	1 650	1 800	1 950	2 300	2 800	3 250

Constructions materials:

Numerous choices of steels with the following precisions:

S235 steel, stainless 304 L, 316 L, 316 Ti or others

Options:

- Anti-abrasion coating
- Special design according to the configurations and requirements
- Dual cover for reheating and cooling

OPERATION

Helical ribbons are assembled concentrically along the main axis of the mixer.

Rotation is only in one direction.

The ribbons are sized and installed for creating longitudinal flows.

These movements of flow generate cross exchanges facilitating the mixing process.

Multiplication of these cross effects guarantees the highest quality of mixture.

APPLICATIONS

All types of industries which use the powdered or granulated form of:

Sugar - Flour - Starch - Carbonate - Sand - Lime - Cattle food - Pet food ...

ACTIVITY

Chemistry - Fine chemicals - Plastic processing - Agro-alimentary - Animal nutrition - Materials for building construction - ...



REFERENCES

Bostik - Goavec - Grace
Lipha - M.S.D. - Merk...



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