

MIXSYS

TM-TMX TMO-TMXO TMC-TMXC

Vertical mixing silos



TM-TMX/TMO-TMXO TMC-TMXC

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STANDARD FEATURES

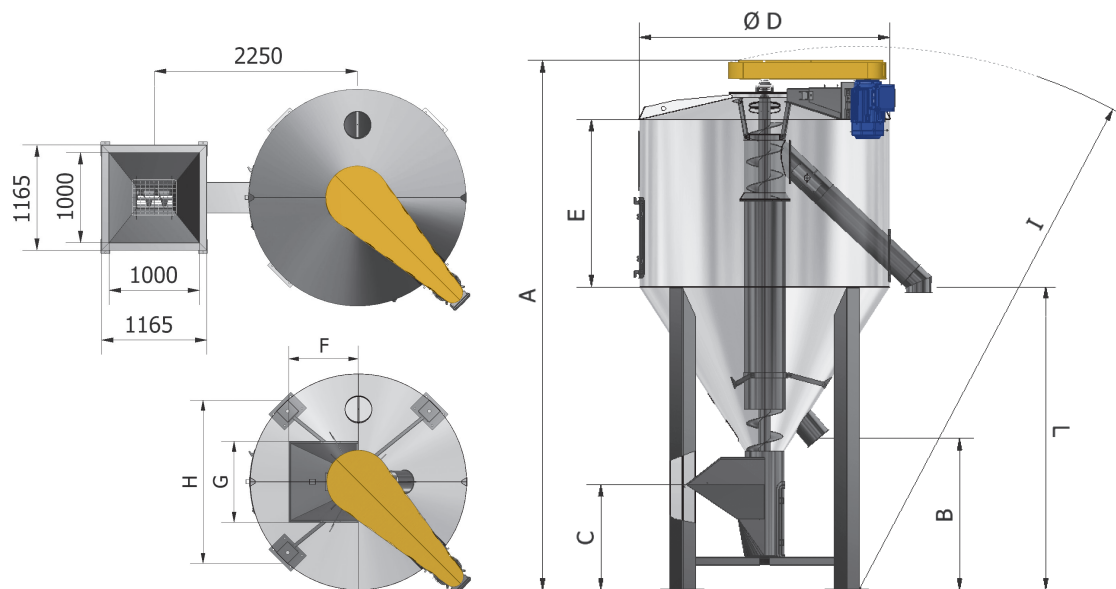
- 1 **LOADING HOPPER** with safety grate and raised edges on three sides to prevent spillage.
- 2 **RECYCLING/SAMPLING MOUTH** with manually operated valve to check the degree of mixing.
- 3 **CENTRAL SCREW** stitch weld (on shaft) with "removable" pins at the top and bottom which can be quickly and easily replaced in case of wear (from mod. TM6 / TMX6).
- 4 **AUTOMATIC GREASING DEVICE** for upper and lower bearings.
- 5 **HINGED ACCESS DOOR** on cylinder H mm 1000 with safety limit switches.
- 6 **HINGED DOOR** placed at the bottom of the screw pipe (to empty the mixer completely) with delayed opening safety device and safety limit switches.
- 7 **LOWER OUTLET** \varnothing mm 250 with manual control.
- 8 \varnothing mm 300 **VENT SLEEVE** on the cover.
- 9 **PREDISPOSITION** for load cells.
- 10 **LOWER SUPPORT** "minimum residue" type.
- 11 **ELECTRONIC** control **PANEL**.

OPTIONAL ACCESSORIES

- 12 **LARGE DOOR ON CYLINDER AND CONE** (up to mod. TM6/TMX6) or additional door on the cone (from mod. TM9/TMX9).
- 13 **DOORS ON THE INTERNAL PIPE** for screw inspection, and better access for cleaning.
- 14 **HIGH LEVEL UNLOADING PIPE** (to fill big-bags directly from the mixer) available with manual or electropneumatic operated valve.
- 15 **ELECTRO-PNEUMATIC** control of lower outlet \varnothing mm 250.
- 16 Floor mounted **HOPPER MT. 1 X1** with horizontal feeding screw, suitable for receiving products from big-bags with horizontal screw conveying them into the mixer.
- 17 **HINGED COVER** on the standard loading hopper.
- 18 **MAXIMUM LEVEL INDICATOR** with visual and acoustic **ALARM**.
- 19 Special **PLATFORM** to allow the operator **TO ACCESS** and walk inside the mixer.
- 20 **CONTINUOUS WELDING** of the inner vertical spiral.
- 21 **INNER SPIRAL** of long-life, wear resistant carbon steel.
- 22 **LOAD CELLS** weighing system with digital display or dosage programmers.
- 23 **SUCTION BOX** with inlets for suction probes.
- 24 **TIMER** mounted on the control panel.
- 25 **EXECUTION IN COMPLIANCE WITH ATEX** Directive 2014/34 EU.
- 26 **EXECUTION IN COMPLIANCE WITH CE** Directive n.1935/2004 (FCM).
- 27 **AIR BLOW-IN DEVICE** for inside cleaning of the mixer.
- 28 **FULL EXECUTION MADE OF STAINLESS STEEL INOX 304** with external surface finish by chemical pickling.
- 29 **INLET** for pneumatic loading.
- 30 **CROSS BLENDING SYSTEM** to double or triple the capacity of mixer.
- 31 **LADDER** and **SAFETY PERIMETER RAILINGS**.
- 32 **DRYING UNIT** for plastic granules (mod. TME-TMXE).

TM-TMX/TMO-TMXO TMC-TMXC

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Dimensions (in mm.),
capacity and technical features
are not binding.

TECHNICAL FEATURES MODEL TM PAINTED CARBON STEEL • TMX STAINLESS STEEL CONTACT PARTS, PAINTED EXTERNAL PARTS

Model	Useful Capacity (ft ³)	lb with product density of 37.5 lb/ft ³	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	I (in)	L (Max)	M (in)	Motor	kW	*Weight kg
TM 3.5	124	4409	160	55 1/8	38 7/16	74 13/16	45 1/4	29 1/2	35 7/16	59 1/16	167	-		4	10	2205
TM 6	212	7937	193	55 1/8	38 7/16	74 13/16	77 3/4	29 1/2	35 7/16	59 1/16	199	92 1/2		6	15	2646
TM 9	318	11905	207	55 1/8	38 7/16	94 1/2	72 13/16	29 1/2	35 7/16	74 13/16	215	90 9/16		6	15	3638
TM 12	424	15873	231	55 1/8	38 7/16	94 1/2	96 7/16	29 1/2	35 7/16	74 13/16	238	114 3/16		6	20	4079
TM 16.5	583	22046	270	55 1/8	38 7/16	94 1/2	136	29 1/2	35 7/16	74 13/16	276	154		6	20	4519
TM 20	706	26455	309	55 1/8	39	94 1/2	174	29 1/2	35 7/16	78 3/4	315	191		6	20	4960
TM 30	1059	39683	311	55 1/8	39	116 1/8	157	29 1/2	35 7/16	94 1/2	321	182		6	30	7165
TM 40	1413	52911	360	49 3/16	-	116 1/8	217	-	-	94 1/2	366	217		6	40	8047
TM 50	1766	62832	400	49 3/16	-	116 1/8	256	-	-	94 1/2	406	256		6	40/50	9700

TECHNICAL FEATURES MODEL TMO PAINTED CARBON STEEL • TMXO STAINLESS STEEL CONTACT PARTS, PAINTED EXTERNAL PARTS

Model designed for EXTERNAL positioning according to Structural Works Regulations

Model	Useful Capacity (ft ³)	lb with product density of 37.5 lb/ft ³	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	I (in)	L (Max)	M (in)	Motor	kW	*Weight kg
TMO 45	918	57320	407	51 15/16	-	114 3/16	256	-	-	89 3/8	-	274		6	40/50	13558
TMO 60	1271	79366	506	51 15/16	-	114 3/16	354	-	-	89 3/8	-	372		6	50	16204
TMO 70	1515	94578	565	51 15/16	-	114 3/16	413	-	-	89 3/8	-	431		6	50	17637

TECHNICAL FEATURES MODEL TMC PAINTED CARBON STEEL • TMXC STAINLESS STEEL CONTACT PARTS, PAINTED EXTERNAL PARTS

Model designed for CONTAINER STORAGE

Model	Useful Capacity (ft ³)	lb with product density of 37.5 lb/ft ³	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	I (in)	L (Max)	M (in)	Motor	kW	*Weight kg
TMC 9																
TMC 12	254	15873	233	42 11/16	-	86 5/8	118	-	-	73 1/4	246	120		6	20	3748
TMC 16.5	350	21826	272	42 11/16	-	86 5/8	157	-	-	73 1/4	283	159		6	20	4630
TMC 20	406	25353	311	42 11/16	-	86 5/8	197	-	-	73 1/4	323	199		6	30	5732
TMC 28	600	37479	410	42 11/16	-	86 5/8	295	-	-	73 1/4	433	295		6	40	7716