



Mixing Silos 45 m<sup>3</sup> on load cells

**VERTICAL MIXERS - MIXING SILOS** mod. **TV** (made of painted carbon steel) and **TX** (made of stainless steel INOX AISI 304 or 316) have been designed and built to achieve the best possible mixing of plastic granules and regrind; they are also suitable for colouring with masterbatch or pigments.

They are available in a wide range of standard capacities from 0,5 to 28 m<sup>3</sup>, with larger capacities up to 100 m<sup>3</sup> available on request.



Mixing Silos 3,5 m<sup>3</sup>  
made of stainless steel



Mixing Silos 8 m<sup>3</sup> with floor  
mounted hopper for big-bag  
reception + high level unloading  
pipe for filling big-bags





TECHNICAL DATA mod.TV (painted carbon steel)													
Useful capacity		A	B	C	D	E	F	G	H	I	L	kW	weight Kg
Liters	Kg												
TV/500	300	2590	1165	670	1000	650	600	650	1170x1010	2705	--	1.5	320
TV/1000	600	2940	1165	670	1000	1000	600	650	1170x1010	3040	--	2.2	350
TV/1800	1000	3350	1175	700	1400	1100	650	750	1280	3465	--	4.0	560
TV/2500	1500	3765	1180	800	1700	1250	750	900	1510	3935	--	5.5	830
TV/3500	2000	4015	1180	800	1700	1500	750	900	1510	4175	1800	7.5	870
TV/5000	3000	4515	1180	800	1700	2000	750	900	1510	4660	2300	9.0	950
TV/8000	5000	4970	1180	800	2200	2000	750	900	1860	5145	2200	11.0	1440
TV/10000	6000	5470	1180	800	2200	2500	750	900	1860	5630	2700	11.0	1530
TV/12000	7200	5970	1180	800	2200	3000	750	900	1860	6105	3200	15.0	1620
TV/15000	9000	6115	1160	800	2500	3000	750	900	2090	6280	3150	15.0	1770
TV/16500	10000	6415	1160	800	2500	3300	750	900	2090	6575	3450	15.0	1820
TV/20000	12000	7200	1160	800	2500	4000	750	900	2090	7350	4150	15.0	2020
TV/28000	17000	7700	1170	830	2950	3800	750	900	2400	8200	4500	15.0	2900


TECHNICAL DATA mod.TX (stainless steel)													
Useful capacity		A	B	C	D	E	F	G	H	I	L	kW	weight Kg
Liters	Kg												
TX/500	300	2540	1070	670	1000	650	600	650	1240x1065	2680	--	1.5	310
TX/1000	600	2920	1175	700	1400	570	650	750	1220	3060	--	2.2	480
TX/1800	1000	3450	1175	700	1400	1100	650	750	1220	3600	--	4.0	550
TX/2500	1500	3555	1170	800	1900	700	750	900	1500	4000	--	5.5	860
TX/3500	2000	3905	1170	800	1900	1050	750	900	1500	4250	1500	7.5	910
TX/5000	3000	4505	1170	800	1900	1650	750	900	1500	4800	2100	9.0	1000
TX/8000	5000	4825	1170	800	2400	1500	750	900	1850	5000	2200	11.0	1320
TX/12000	7200	5725	1170	800	2400	2400	750	900	1850	6150	3100	15.0	1500
TX/16500	10000	6725	1170	800	2400	3400	750	900	1850	7100	4100	15.0	1700
TX/20000	12000	7550	1170	800	2400	4200	750	900	1850	7900	4900	15.0	2000
TX/28000	17000	7700	1170	830	2950	3800	750	900	2400	8200	4500	15.0	2900

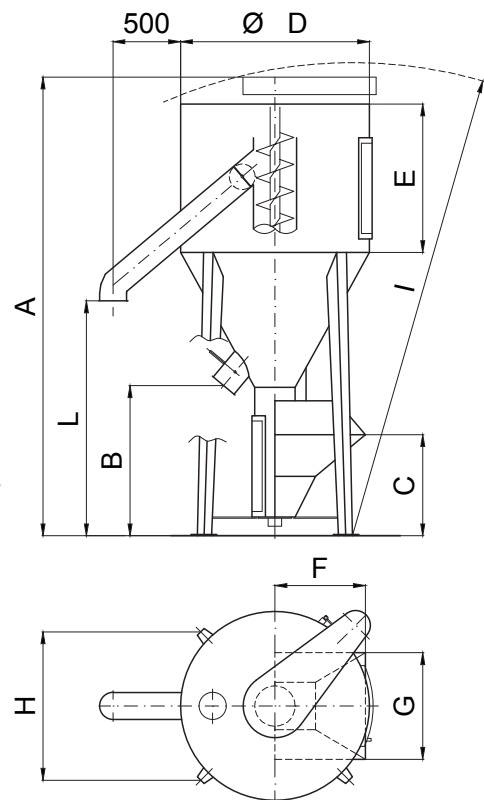
Dimensions (in mm) and technical features are not binding.

### STANDARD FEATURES

- Loading hopper with safety grate and raised edges on three sides to prevent spillage
- Recycling/sampling mouth with manually operated valve to check the degree of mixing
- Central screw with "removable" sections at the top and bottom which can be quickly and easily replaced in case of wear (from mod. TV/15000 on – from mod. TX/8000 on).
- Hinged access door on cylinder
- Door placed at the bottom of the screw pipe (to empty the mixer completely) with two hand wheels giving tool free access, and time delay safety interlock
- On-board control panel

### OPTIONAL ACCESSORIES

- Large door on cylinder and cone (up to mod. TV-TX/12000) or additional door on the cone (from mod. TV-TX/16500 on); this option includes doors on the internal pipe for screw inspection, and better access for cleaning
- High level unloading pipe Ø mm. 250 (to fill big-bags directly from the mixer) available with either a manual, or electro-pneumatically operated valve
- Floor mounted hopper mt. 1x1 with horizontal feeding screw, suitable for receiving products from big-bags and conveying them into the mixer
- Hinged cover on the loading hopper
- Level indicators with visual and acoustic alarm
- Special platform to allow the operator to access, and walk inside the mixer
- Automatic greasing devices for upper and lower bearings
- Internal vertical mixing screw made of long-life, wear resistant carbon steel
- Load cell weighing system with digital display, or electronic batching system
- Inlets for suction probes
- Lockable castors to allow the mixer to be moved (only up to mod. TV-TX/3500)
- TIMER mounted in the control panel
- Execution in compliance with ATEX Directive 94/9/EC 



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