



Horizontal cooler combination is the combination of the heating mixer TRM and the high efficiency horizontal cooler HEC.

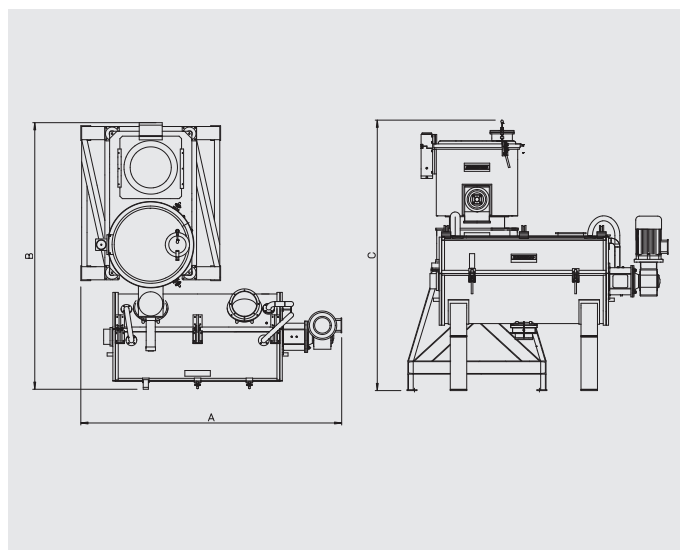
The HEC range of coolers used for this combination, can be applied to any type of turbomixer TRM and this **is the ideal solution for all manufacturing needs in the field of rigid or plasticized PVC dry-blend**. This equipment is built entirely of stainless steel as regards the parts in contact with the material and double or triple jacket for circulation of cooling water. Available with **capacities from 300/1000 lt. up to 2.500/8.500 lt.**, the HC COMBIMIX stands out for its great and proven efficiency, allowing excellent throughput and high standards of quality.

Type	Hourly production kg/h	
	Rigid PVC	Plasticized PVC
HC 300/1000	1000	762
HC 400/1000	1360	1020
HC 500/1500	1700	1260
HC 500/1800	1700	1260
HC 600/1500	2040	1530
HC 600/1800	2040	1530
HC 700/1800	2400	1800
HC 700/2500	2400	1800
HC 800/2500	2720	2040
HC 1000/3500	3400	2550
HC 1200/3500	4100	3000
HC 1500/4500	5100	3840
HC 2000/5500	6800	5100
HC 2500/6500	8400	6300
HC 2500/8500	8400	6300

NOTE: The data in the table are given merely by way of example and will have to be confirmed by PLAS MEC.

(1) Valid for fully-automatic operation with final temperature of 120°C for turbomixer and 45°C for cooler but only when cooling water flow is sufficient and the water temperature is no higher than 15°C.

Dimensions	A	B	C
HC 300/1000	2900	2800	3060
HC 400/1000	2900	2850	3000
HC 500/1500	3100	3200	3300
HC 500/1800	3500	3200	3300
HC 600/1500	3100	3200	3400
HC 600/1800	3500	3200	3400
HC 700/1800	3550	3200	3600
HC 700/2500	3800	3400	3600
HC 800/2500	3800	3600	3600
HC 1000/3500	3950	3850	3750
HC 1200/3500	3950	4250	3750
HC 1500/4500	4150	4250	3900
HC 2000/5500	4950	4450	4250
HC 2500/6500	4750	3500	4350
HC 2500/8500	5900	3550	4450



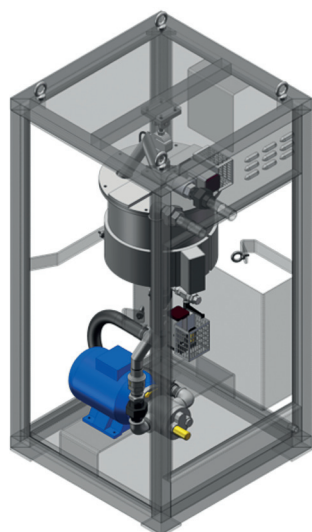
DGL – LIQUID WEIGHING UNIT

PLAS MEC Liquid Weighing unit DGL are always design to suit customers individual requirements. **This systems is used in all processes where precision and consistent feeding of the Production plant is required.**

Integration with control systems permits, through precise and constant control of flow rates, **production optimization by improving the dispersion and homogenization of the products and eliminating waste and down - time.**

The system allows a constant flow rate to be maintained and number of products to be mixed by way of regulated batching. Recipes with their respective control parameters can be called up, edited and put into production from a series of screen pages, possibility of dosing up to 12 components. This unit can be customized according to customer needs.

Type	Capacity kg
DGL 50	50
DGL 100	100
DGL 150	150
DGL 200	200
DGL 300	300



CRS BAG EMPTYING UNIT

Semi-automatic unit for feeding powder (PVC / CAC03 / Stabilizers) from bags into the mixer, consisting of a **bag-emptying mechanism located on the ground**, fitted with powder intake system and self-cleaning filter, the feeder hopper is positioned on the top of the turbomixer.

Type	Suitable for
CRS/1	TRM 200 / 300 / 400 / 500
CRS/2	TRM 600 / 700 / 800
CRS/3	TRM 1000 / 1200 / 1500 / 2000



PVC DRY BLEND, POWDER COATINGS, MASTERBATCH AND PIGMENTS, THERMOPLASTIC RUBBERS, WOOD PLASTIC COMPOSITES **AND MORE...**

PLAS MEC S.R.L. Mixing Technologies

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