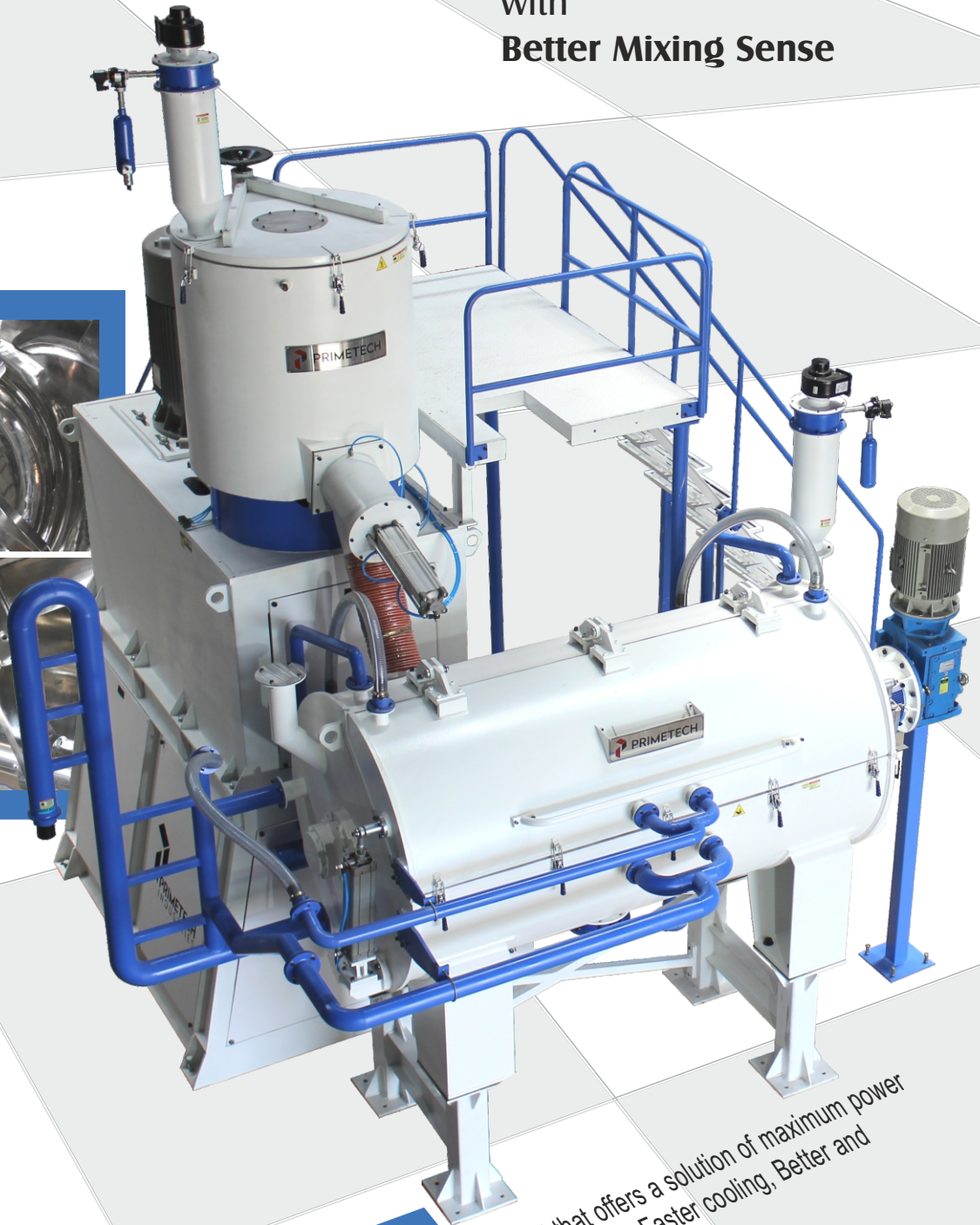


PHCM

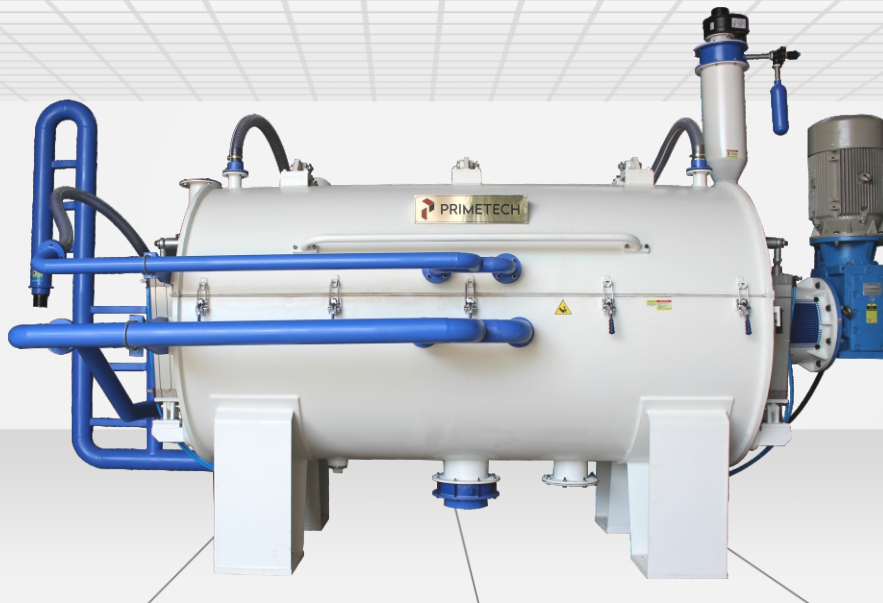
Hot/Cold Mixing Combination

**Better Mixing Technology
with
Better Mixing Sense**



**PHM750/
PHCM2700**

A plant that offers a solution of maximum power
and versatility Faster cooling, Better and
Higher Throughputs



PHCM The range of coolers is the ideal solution for all manufacturing needs in the field of rigid or plasticized **PVC DRY-BLEND**. Available with **standard capacities of up to 4600 litres**. The development and optimization of the coolers of mixing plant is the latest PRIMETECH Addition, **today it is a straightforward task to cool over 7 to 8 batches per hour of U-PVC from 120°C to 40°C**.

The new water circuit design increases cooling efficiency enabling a significant increase in the productivity of the cooler and, therefore, the mixing plant. The new cooling interspace can withstand a working **pressure of 2.5 bar**, a typical pressure of factory closed circuit chillers. This, in addition to increasing the efficiency of heat exchange, solves many critical issues typical of closed circuit chillers.

The **PHCM** cooler stands out for its great and proven cooling efficiency, allowing **excellent throughput and high standards of quality**. **Material can be stored at lower temperature** because it is cooled not only superficially but also at the core and thus has no thermal inertia that will cause packing.

Cleaning and maintenance times are reduced to a minimum thanks to total opening of the lid, which allows easy access to all internal parts.

FEATURES

HORIZONTAL COOLING VESSEL

Built entirely of stainless steel as regards the parts in contact with the material, features a double or triple jacket for circulation of cooling water.

MIXING TOOL

Made of stainless steel

With axial and radial mixing effect, designed to optimize distribution of the hot material on the cooling surfaces.

TEMPERATURE CONTROL

By means of thermocouple located at the side on the lateral wall of the cooling vessel.

LID

Opens along the entire length of the cooling unit, equipped with double jacket for water circulation. Intrinsic safety opening system with lead screw type mechanic or automatic actuator.

Safety device only allowing the lid to be opened after the mixer has stopped moving.

Safety limit switch that shuts down the motor on opening.

