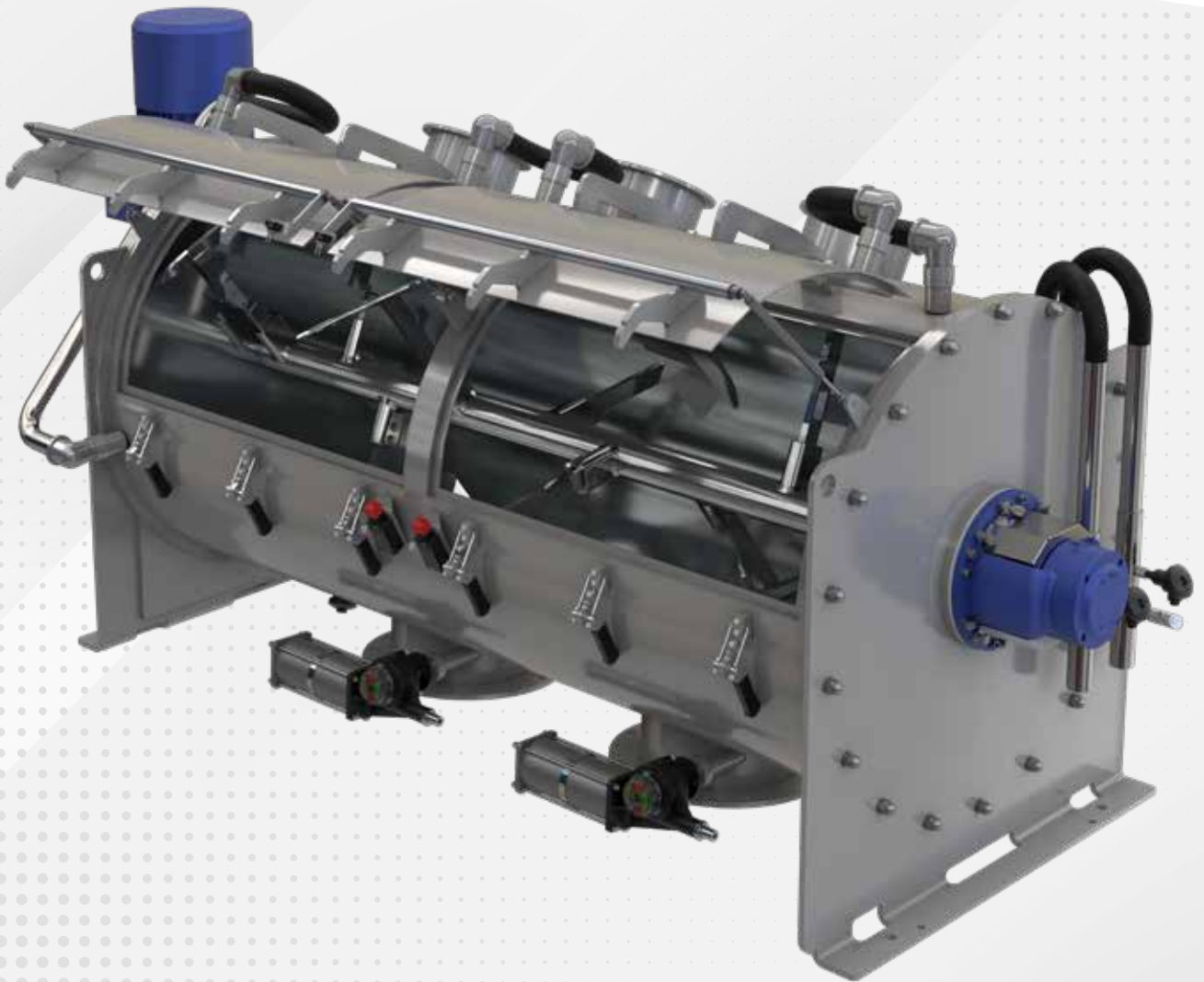




***mixron***  
*Think smart. Mix better.*

# **mixron MCP**

Cooling Mixer for PVC Dry-Blend





Designed for soft and rigid PVC Dry-Blend, masterbatch and pigments, WPC (“Wood-Plastic Composite”)

Equipped with innovative cooling technology

## **mixron MCP**

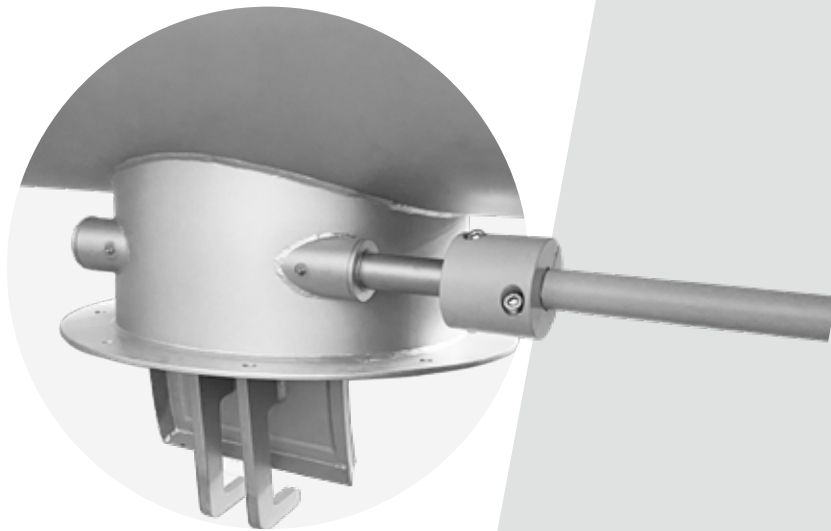
Effective mixing and cooling ensuring the homogeneity of the Dry-Blend

Designed to meet customer requirements for ease of use and maintenance as well as quick cleaning

## **Horizontal-Shaft cooler, with forced cooling liquid circulation for both rigid and soft PVC Dry-Blend.**

The cooling technology enables mixron MCP to lower the temperature of the product in an extremely short time while maintaining homogeneity and final quality of the mixture.

The range including machines from 1,000 to 8,500 litres is entirely manufactured from stainless steel to ensure high resistance to oxidation and corrosion and to guarantee durability.



## Mixing Tools

Ensure homogeneous mixing and effective distribution of the material on the cooling surfaces.

Special head tools are supplied as standard, enabling the reduction of material build-up in the end zones of the mixing vessel.



Optional



## Scraper Blades

Manufactured from Heat-Resistant material, they reduce the clearance between mixing tool and vessel:

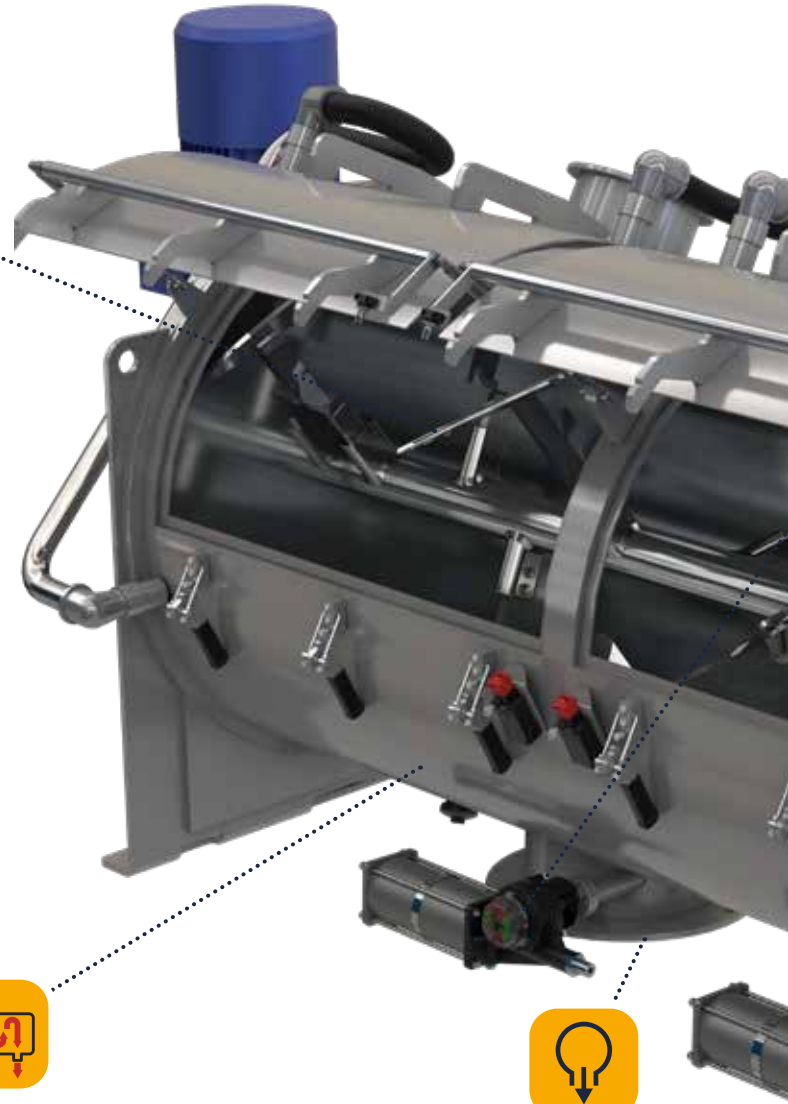
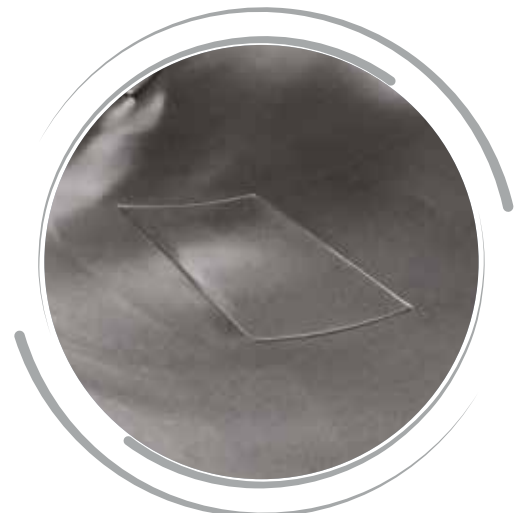
- › Minimum residue and reduced cleaning time



## Cooling Jacket

mixon MCP is equipped with multiple cooling jackets with operating pressure of up to 3 bar

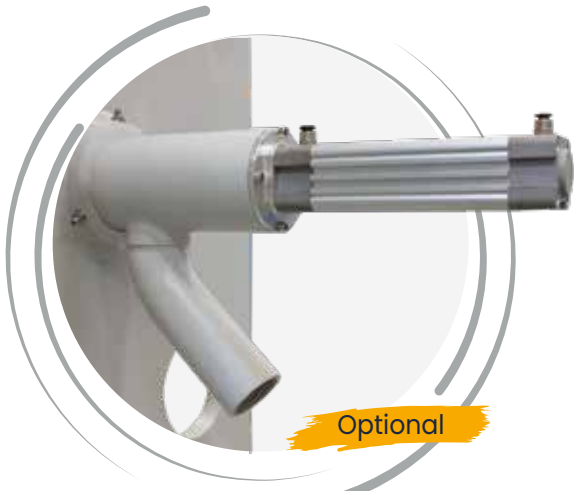
- › Increased heat exchange efficiency
- › Reduced cooling time



## Sampling Device

Possible to check the quality of the product by taking a sample easily and at any time during operation:

- › Reduced sampling time
- › Increased operator safety



Optional



## Inlet Spouts

Each type has at least 3 inlets as standard:

- › Main loading spout
- › Auxiliary loading spout
- › Spigot for connection of a filter unit



## Outlet Spouts

A pneumatically actuated flush vessel discharge spout is provided as standard:

- › Obtaining optimum mixing quality
- › Mixing and cooling all the material inside the mixing vessel

## Mixing vessel

Entirely manufactured from heavy-duty stainless steel with low-roughness surface finish:

- › No product contamination
- › High service life
- › Low residue and easy cleaning



## Accessories and Optional Services

### Accessories:

- › Dedusting or dehumidifying filter
- › Load cells
- › Choppers
- › Sampling device
- › Scraper
- › Additional outlet spout

### Services:

- › Testing and start-up
- › Support and remote software assistance
- › Application for operation monitoring in production
- › Mixing tests at MIC (mixron Innovation Centre)
- › Training courses for operators and maintenance personnel

# mixron MCP Range



Type	Vessel volume (L)	Drive unit (kW)	Overall dimensions with standard drive		
			A (mm)	B (mm)	C (mm)
MCP-1000	1,000	7.5	2,490	1,400	1,850
MCP-1500	1,500	11	2,990	1,400	1,850
MCP-2000	2,000	15	2,990	1,600	2,000
MCP-2500	2,500	22	3,600	1,600	2,010
MCP-3500	3,500	30	3,800	1,800	2,160
MCP-4500	4,500	37	4,200	1,900	2,270
MCP-5500	5,500	45	4,450	1,900	2,350
MCP-6500	6,500	55	4,900	2,000	2,420
MCP-8500	8,500	75	5,400	2,100	2,530

## Complementary Equipment



### mixron CP

Control panel and software



### WAMFLO®

Dust collectors



### mixron MLI

Heating, feeding and liquid injection system



### mixron MDB

Integrated mixing system

# MIC mixron Innovation Centre



## Test us

The mixron team of experts is at your disposal.

Test your recipe under production conditions at the MIC (mixron Innovation Centre), an automated loading, feeding and mixing plant for Dry-Blend.



MIXRON SRL - Via Brigata Ebraica, 50  
48123 Ravenna (RA) P.I. 03456680366  
tel. +39 0544 410511 - info@mixron.it - www.mixron.it

**made in italy**