

Tech Center

// At each stage of your project, OMV Machinery offers you the possibility to test and/or qualify your product in its Tech Center. You'll be followed by OMV process engineers who will support you during the entire testing process.



// With its know-how in applied research, OMV offers you a very unique service.

// You will gain the advantage of an actual simulation under industrial conditions of your whole project, so as to check «real» samples – as they will come out of your OMV machines – against your expectation.

// You will gain the advantage of being able to prove out your expectations in advance as you create actual parts under industrial conditions that then will be duplicated in your OMV production machines.

// No matter whether you must study your products or qualify them, OMV can easily submit you a full study from object drawing till final product.

// Regardless if you desire to study the products behavior during manufacturing or fully qualify it for market, OMV can easily submit a thorough evaluation of the entire process from drawing to final product.

// On top of that, OMV will make for you a test mould in its workshop and modify it quickly when needed, based on the outcome of the trials in the Tech Center.

// Don't burden existing production machinery with lengthy and costly tests!

// Every «test cycle» (sampling/ check / correct / approve / new sampling) can take between 1-3 days supported by expert assistance on all thermoforming aspects of product study/qualification: that means you could get up to 3 test cycles in a given week.

// Fastest product development ever, while your equipment in the plant will keep producing sellable parts!

// Whether it's tubs, cups, lids, trays ... OMV can offer you full «concept-to-sample» proposition and unique inline run capability.

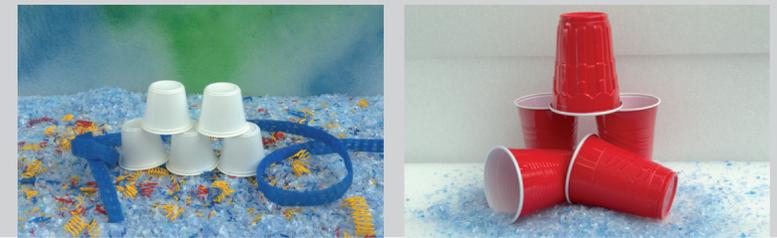
// The tech center is equipped with a complete extrusion line to process different types of material up to a 700 mm width and a 3 mm thickness and a thermoforming machine capable to run in-line or off-line with a test mould.

wifag//polytype

wifag//polytype group

We do it all on high level

Process know how and experience in entire cup production



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Mechatronica S.C.
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Polytype Asia Pacific Co., Ltd.
Chachoengsao/Thailand
Wifag-Polytype India
Marketing Private Ltd.
New Delhi/India

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A wide range of thermoforming machines, moulds extrusion lines and in-line systems

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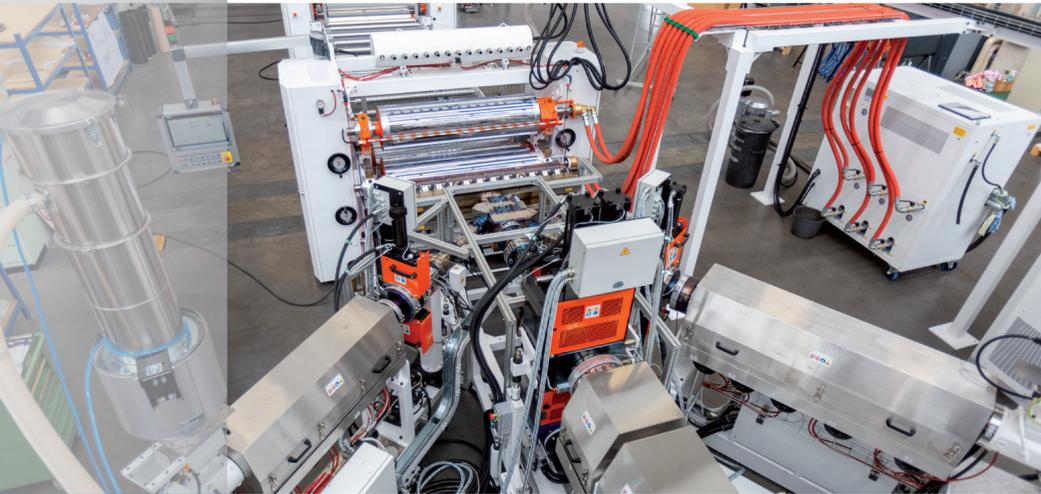
// **One supplier for all your needs**
OMV is a unique company, of one source Thermoforming Technology around the world. Just one supplier for all your needs: Extrusion, Thermoforming, Moulds, Automation and «Turn-key» In-line Systems. The advantage: no need to research for solutions as we do the research for you. Optimum use of components involved since we do it all.

// **Know how, consulting, engineering and after sale services**
We provide state of the art mould technology and after sales and service extending the relationship well beyond the delivery date. We do not only supply equipment but also the technology needed to successfully use it: from an idea to the final product. This is the reason why OMV always keeps an «Open House» for our customers sharing new ideas, so you can take advantage of our experience and expertise. Our goal is to achieve total customer satisfaction.

A wide range of thermoforming equipment and moulds

Our wide range of thermoforming equipment and moulds can meet requirements of production rates from 10'000 up to 180'000 cups/hour (depending on the size of the cups) and have the flexibility to produce high quality products from containers to lids, cups to trays with versatility for different materials and designs.

All OMV Systems have automatic handling of finished products for minimum labor cost and for maximum hygienic.



The OMV extrusion lines can produce sheet and plates, processing a wide range of plastic resins such as PP, PS, ABS, HDPE, APET and biomaterials.

// In house design calendar unit assures optimized sheet conditioning customized for the application

// Sizes from diam. 45 up to 170 mm

// Sheet thickness for continuous thermoforming and sheet reels from 0.12 mm up to 3 mm.

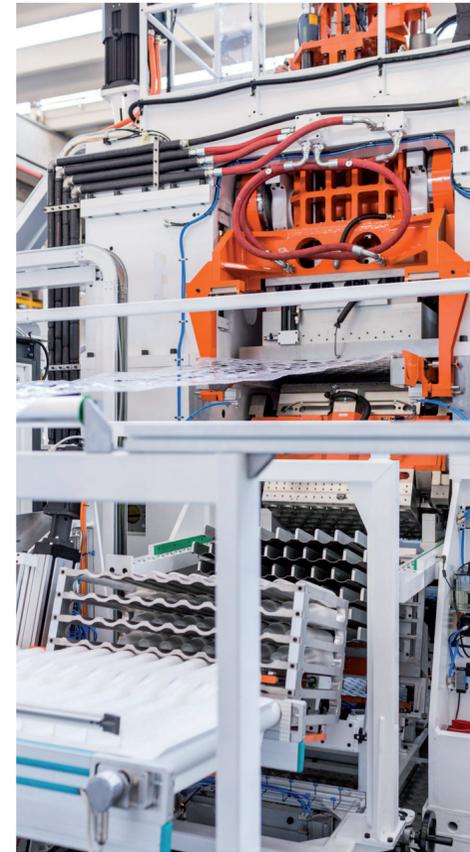
// Plates from 2 mm up to 8 mm

// Co-extruder systems for multi layer and barrier structures are also available as standard.

// Max extrusion capacity:
PP 1.600 kg/hr (3'550 lbs)
PS 2.100 kg/hr (4.660 lbs)

Through One Source OMV can supply a complete turn-key system with optional bagger, chillers, temperature control for mould and/or calender, granulator for recycling of scrap with automatic metering and mixing of virgin/scrap ratio.

RM 77 – The fastest PP thermoformer in the world.
Forming size: 770 x 480 mm



Extrusion
Extrusion system for In-Line or Off-Line solutions



In-Line
Thermoforming In-Line Systems

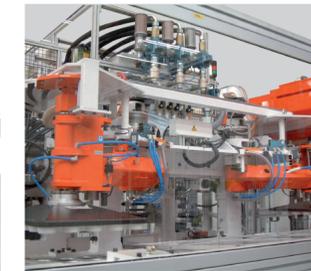
F87
The ultimate large universal thermoformer
Forming sizes: 850 x 650 mm



F88
The large platen universal thermoformer for shallow products
Forming sizes: 1280 x 750 mm



F86
High production thermoformer for shallow containers and lids
Forming sizes: 825 x 600 mm



E76
OMV international patent «shuttle mould» forming technology
Forming sizes: 760 x 540 mm



F37 and F37X
The medium/large universal thermoformer
Forming sizes:
F37 = 780 x 420 mm
F37X = 800 x 550 mm



F33
The swift thermoformer for great many uses
Forming sizes: 850 x 250 mm
– multi rows staking device



F25/5 IML
The IML thermoformer for containers, cups and lids
Forming sizes: 850 x 250 mm



F25/5
The universal thermoformer
Forming sizes: 850 x 250 mm
– single rows stacking device