

Rotational Who

Leading companies of the rotational moulding world

An initiative promoted by



Rotomoulding Evolves

Profile

IPE (INNOVATION POLYMER ENGINEERING IPE srl) is an Italian company founded in 2018 and specialised in design, production and, last but not least, servicing rotational moulding and mixing plants.

IPE, with a staff of motivated engineers and technicians, is part of a group of companies operating from over fifty years into the plastic machinery area.

Attention to the overall quality of its systems is the basis of the company's success.

Philosophy

Con 4 stabilimenti collegati nella stessa rete, IPE mantiene la produzione e l'assemblaggio degli impianti di stampaggio rotazionale e di miscelazione, di cui quasi il 100% interni, completamente controllati.

Il gruppo è il nostro motore, la passione è il nostro carburante per servire i nostri clienti in tutto il mondo. IPE lavora a stretto contatto con i propri clienti assistendoli durante le fasi di progettazione, installazione e assistenza post-vendita.



Rotational Machines

CAROUSEL MACHINES

Main features for the carousel machines are:

- *Mould-supporting arms mounted on carriage with central column*
- *Configuration from 1 to 4 carriages and up to 6 positions:*
- *1 moulding chamber*
- *1 cooling station*
- *1 loading and unloading station*
- *Up to 3 intermediate stations*
- *Ideal for contemporary productions of different items*
- *High thermal insulation*
- *Electronic control for fuel management*
- *Straight arms with double air lines*
- *Operator interface*

Optional elements are the following:

- *Gravimetric doser*
- *Loading and unloading platform*
- *Positioning control arms*
- *Additional cooling chamber*
- *Moulds internal temperature*
- *control unit*
- *Offset arm*
- *C-arm*
- *Second operator interface*



Rotational Machines

SHUTTLE MACHINES

Main features for the carousel machines are:

- Mould-supporting arms mounted on carriage
- Configuration up to 2 arms and with central chamber
- 2 working stations, moulding chamber and cooling station
- Ideal for small lot production of large item
- High thermal insulation
- Electronic control for fuel management
- Straight arms with double air lines
- Operator interface

Optional elements are the following:

- Gravimetric doser
- Loading and unloading platform
- Positioning control arms
- Mixers
- Moulds internal temperature control unit
- Offset arm
- C-arm
- second operator interface
- Additional air line on arm



Rotational Machines

TURBOMIXER AND COOLERS

TURBOMIXER

Mixing systems for plastics, powders, additives and colors. They are the ideal solution for quick preparation of general compounds and in particular of PVC compounds through self-heating and kinetic dispersion of the work-in-progress product.

COOLERS

Guarantee an effective cooling of compounds.

They are characterized by:

- Wide heat exchange area*
- Cooling intensive*
- Increase of the number of batches processed per hour*

