
 injection moulding vary from 80 tonne hydraulic models (NB 80) to fully electric 250 tonne versions (VE 90 NEGRI \& BOSSI / FANUC 100/ FANUC 150/ FANUC 180/ FANUC 250)
for latest-generation, high precision and clean moulding.
PIR.SA.FA. can produce moulds from scratch (from both drawings and samples) in partnership with highly qualified mould designers.

All the moulds have been made with hardened dies and mould bases treated with magnetite to eliminate the use of lubricants and protective substances to obtain a long-lasting mould with an extended life cycle. The cutting or cold moulding department consists of three eccentric presses 25 / 45 / 65 tonnes, which can handle all small and medium-size jobs.

-


## Certifications

 obtained certification for environment management from BVQi during 2004.

This result is part of the continuous improvement programme of the services offered by the company, focused on the fulfilling the needs and expectations of its customers and suppliers.

In particular, the company has set up and developed an environmental management system in compliance with the UNI EN ISO 14001 standard, which takes into account the legal requirements regarding the environment.



## Patents



PIR.SA.FA. holds 3 patents / utility models:

1. Folding hanger for shirts with an ergonomic shape, designed as both a travel item and for hanging out shirts to dry with having to iron them.
2. Crossover clips for clothing or stationery shops; a totally ecofriendly and recyclable article, designed to replace the metal version which could corrode and stain shirts.


 sizemarkers for hangers.
Combining two different colors, each sizemarker will be different since the mixing happens randomly, so there may also be full colored pieces.

| SIZE | ITALIAN COLOR | FOREIGN COLOR | NORMA "DELUBAC" |
| :---: | :---: | :---: | :---: |
| NUMERICA |  |  |  |
| 0 | RED 4016 |  |  |
| $0 \backslash 0$ | WHITE 0102 |  | BEIGE 452/C |
| 0/00 |  |  |  |
| 0/1 |  |  |  |
| 0/3 | BEIGE 452/C* |  |  |
| 1 | YELLOW 100/C | GREEN 348/C* |  |
|  |  | DARK GREEN 58059* (f) |  |
| 1/3 |  |  | , |
| 2 | BROWN 4625/C* | GREEN 373/C |  |
| 2/3 |  |  |  |
| 2/4 |  |  |  |
| 3 | LIGHT PINK 1520 | ORANGE 137/C |  |
| 3/4 |  |  |  |
| 3/6 |  | LIGHT BLUE 284/C* | LIGHT BLUE 297/C* |
| 4 | WHITE 0102 | PINK 169/C |  |
|  |  | PINK 176/C (f) |  |
| 4/5 | YELLOW* U |  |  |
| 5 | LIGHT GREEN 5110 | GREY 10/C* |  |
|  |  | GREY 430/C*(f) |  |
| 5/6 |  |  |  |
| 6 | RED 4016 | YELLOW 100/C |  |
|  |  | BORDEAUX 209/C* |  |
| 6/7 |  |  |  |
| 6/9 |  | LIGHT BLUE 285/C* | BLUE 300/C* |
| 6/12 |  |  |  |
| 7 | DARK PINK 0153 |  |  |
| 7/8 |  | GREEN 348/C* |  |
| 8 | LIGHT BLUE 7132 |  |  |
| 8/9 |  |  |  |
| 9 | LILAC 68508 |  |  |
| 9/10 |  | GREEN 373/C* |  |
| 9/12 |  | GREEN 348/C* | GREEN 347/C* |
| 10 | WHITE 0102 |  |  |
| 10/11 |  | YELLOW 109/C |  |
| 10/12 |  |  |  |
| 11 | DARK GREEN 58059* |  |  |
| 11/12 |  | ORANGE 137/C |  |
| 12 | DARK PINK 0153 | - |  |
| 12/13 |  | ORANGE 172/C |  |
| 12/18 |  | GREEN 5763/C* | GREEN 384/C* |
| 13 | ORANGE 3234 |  |  |
| 13/14 |  | PINK 169/C |  |
| 14 | BLUE 71887* |  |  |
| 15 | LIGHT GREEN 5110 |  |  |
| 16 | LIGHT BLUE 7132 |  |  |
| 16+ |  |  |  |
| 18 | DARK PINK 0153 |  |  |
| 18/24 |  | GREEN 373/C | GREEN 381/C |
| 19 | YELLOW 100/C |  |  |
| 20 | WHITE 0102 |  |  |
| 21 | LIGHT PINK 1520 |  |  |
| 22 | BEIGE 468/C |  |  |
| 23 | DARK PINK 0153 |  |  |
| 24 | YELLOW 100/C |  |  |
| 24/36 |  | YELLOW 109/C | YELLOW U |
| 25 | ORANGE 3234 |  |  |
| 26 | WHITE 0102 |  |  |
| 27 | LILAC 68508 |  |  |
| 28 | RED 4016 | LIGHT BLUE 284/C |  |
| 29 | DARK GREEN 58059* |  |  |
| 30 | LIGHT GREY 4196 | GREEN 348/C* |  |
| 31 | BROWN 4625/C* |  |  |
| 32 | LIGHT PINK 1520 | BEIGE 468/C |  |
| 33 | BLUE 71887* |  |  |
| 34 | DARK GREEN 58059* | BLUE 287/C*(f) |  |
| 34/36 |  | LIGHT BLUE 284/C |  |

* WHITE PRINT (where not indicated the print is black) - Colors with COD/...C or COD/...U are Pantone colors "COLOR FORMULA GUIDE".

| SIZE | ITALIAN COLOR | FOREIGN COLOR | NORMA "DELUBAC" |
| :---: | :---: | :---: | :---: |
| NUMERICAL SERIES |  |  |  |
| 35 | RED 4016 | LIGHT BLUE 284/C |  |
| 36 | DARK PINK 0153 | LIGHT BLUE 284/C | LIGHT BLUE 297/C* |
| 37 | LIGHT BLUE 7132 | LIGHT BLUE 284/C |  |
| 38 | LILAC 68508 | LIGHT BLUE 285/C* | LIGHT BLUE 300/C* |
| 38/40 |  | DARK GREEN 58059*(f) |  |
| 39 | WHITE 0102 | GREEN 348/C* |  |
| 40 | DARK GREEN 58059* | GREEN 348/C* | GREEN 347/C* |
|  |  | DARK GREEN 58059* (f) |  |
| 40-41 inch |  |  |  |
| 41 | LIGHT GREY 4196 | GREEN 373/C | A |
| 42 | ORANGE 3234 | GREEN 5763/C - GREEN 5763/C*(f) | GREEN 384/C* |
| 42/44 |  | GREEN 373/C(f) |  |
| 43 | WHITE 0102 | ORANGE 137/C |  |
| 44 | YELLOW 100/C | GREEN 373/C | GREEN 381/C |
| 45 | RED 4016 | PINK 169/C |  |
| 46 | LIGHT PINK 1520 | YELLOW 109/C (f) | YELLOW |
| 46/48 |  | ORANGE 137/C |  |
| 47 | LIGHT BLUE 7132 |  |  |
| 48 | LIGHT GREEN 5110 | ORANGE 137/C | ORANGE 123/C |
| 4950 | BLUE 71887* |  |  |
|  | WHITE 0102 | SALMON 178/C | ORANGE 172/C* |
|  |  | RED 4016*(f) |  |
| 50/52 |  | PINK 176/C(f) |  |
| 51 | DARK GREEN 58059* |  |  |
| 52 | RED 4016 | PINK 169/C | PINK 176/C* |
|  |  | PINK 176/C(f) |  |
| 53 | LIGHT BLUE 7132 |  |  |
| 54 | BROWN 4625/C* | BROWN 4625/C* | BROWN 470/C* |
|  |  | BROWN 471/U*(f) |  |
| 54/56 |  | GREY 430/C*(f) |  |
| 55 | ORANGE 3234 |  |  |
| 56 | LILAC 68508 | GREY 10/C* | GREY 431/C* |
|  |  | GREY 430/C* |  |
| 57 | LIGHT GREEN 5110 |  |  |
| 58 | LIGHT PINK 1520 | LILAC 251/C | LILAC 514/C* |
|  |  | LILAC 2587/C* f ) |  |
| 59 | BROWN 4625/C* |  |  |
| 60 | DARK GREEN 58059* | BORDEAUX 228/C* | BORDEAUX 228/C* |
|  |  | BORDEAUX 209/C* ${ }^{*}$ ( $)$ |  |
| 61 | DARK GREY 424/C | YELLOW 109/C |  |
|  | DARK PINK 0153 | BEIGE 468/C - BEIGE 1205/C (f) | BEIGE 452/C |
| $63 \times$ | LILAC 68508 |  |  |
| 64 | WHITE 0102 |  |  |
| 65 | RED 4016 | BLUE 287/C* | BLUE 287/C* |
| 66 | WHITE 0102 |  |  |
| 67 | DARK PINK 0153 |  |  |
| 68 | LIGHT GREY 4196 |  |  |
| 69 | YELLOW 100/C |  |  |
| 70 | BROWN 4625/C* |  |  |
| 71 | DARK GREY 424/C |  |  |
| 72 | DARK PINK 0153 |  |  |
| 73 |  |  |  |
| 74 |  |  |  |
| 75 | LILAC 68508 |  |  |
| 80 | LIGHT GREEN 5110 |  |  |
| 85 | LIGHT GREEN 5110 |  |  |
| 90 | BROWN 4625/C* |  |  |
| 92 |  |  |  |
| 94 | BLACK* |  |  |
| 95 | ORANGE 137/C |  |  |
| 96 |  |  |  |
| 98 | BLACK* |  |  |
| 100 | DARK PINK 0153 |  |  |
| 102 |  |  |  |
| 102-110 inch104 |  |  |  |
|  |  |  |  |

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Other colors with only numerical codes, are our internal codes. (f) France.


| SIZE | ITALIAN COLOR | FOREIGN COLOR | NORMA "DELUBAC" |
| :---: | :---: | :---: | :---: |
| +B NUM. SERIES (underwear) |  |  |  |
| 65B | LIGHT GREEN 5110 |  |  |
| 70B | LIGHT PINK 1520 |  |  |
| 75B | BLUE 71887* |  |  |
| 80B | ORANGE 3234 |  |  |
| 85B | RED 4016 |  |  |
| 90 B | YELLOW 100/C |  |  |
|  |  |  |  |
| +C NUM. SERIES (underwear) |  |  |  |
| 700 | BROWN 4625/C* |  |  |
| 750 | Light blue 7132 |  | , |
| 80 C | LILAC 68508 |  |  |
| 85C | WHITE 0102 |  |  |
|  |  |  |  |
| +P NUM. SERIES |  |  |  |
| 6P |  |  |  |
| 8 P |  |  |  |
| 10P |  |  |  |
| 12P |  |  |  |
| 14 P |  |  |  |
| 16P |  |  |  |
| 18P |  |  |  |
| 20P |  |  |  |
|  |  |  |  |
| ALPHANUMERIC SERIES |  |  |  |
| C | WHITE 0102 |  |  |
| EG ${ }_{\text {EG }}$ |  |  |  |
| G |  | LILAC 68508 |  |
|  |  | PINK 169/C | PINK 176/C* |
| L | DARK PINK 0153 | PINK 169/C |  |
|  |  | PINK 176/C(f) |  |
| L/XL ${ }_{\text {L }}$ |  |  |  |
| M | YELLOW 100/C | ORANGE 137/C | YELLOW 123/C |
| M/L |  |  |  |
|  |  |  |  |
| O |  | BEIGE 452/C |  |
|  |  | GREEN 373/C | GREEN 381/C |
| R | BLACK* |  |  |
| S | ORANGE 3234 | GREEN 373/C |  |
| SG |  | GREY 10/C* | GREY 431/C* |
| $\begin{aligned} & \text { SSG } \\ & \mathrm{S} / \mathrm{M} \end{aligned}$ | - | BORDEAUX 228/C* | BORDEAUX 228/C* |
|  |  |  |  |
| TU | , |  |  |
| UNICA |  | GREY 10/C* | LIGHT BLUE 287/C* |
|  |  | LIGHT BLUE 287/C* |  |
| Lichelue |  |  |  |
| 1 |  |  |  |
| x | WHITE 0102 |  |  |
| XL | WHITE 0102 | GREY 10/C* |  |
|  |  | GREY 430/C*(f) |  |
|  | LILAC 68508 | DARK GREEN $58059^{*}(\mathrm{f})$ |  |
| XXL | RED 4016 | YELLOW 100/C |  |
|  |  | BORDEAUX 209/C*() |  |
| 2XL | RED 4016 |  |  |
| xxs | LIGHT BLUE 7132 |  |  |
| xxxs |  |  |  |
| xxXL | LIGHT GREY 4196 |  |  |
| 3XL | DARK PINK 0153 |  |  |
| xxxxL | LIGHT GREEN 5110 |  |  |
| 4XL | LIGHT BLUE 7132 |  |  |
| XXXXXL | ORANGE 3234 |  |  |
| 5XL | GREEN 373/C |  |  |
| 6XL | LILAC 251/C |  |  |
| 7XL | WHITE 0102 |  |  |
| Y |  |  |  |
|  |  |  |  |
|  |  |  |  |

* WHITE PRINT (where not indicated the print is black) - Colors with COD/...C or COD/...U are Pantone colors "COLOR FORMULA GUIDE".

Other colors with only numerical codes, are our internal codes. (f) France.


Dimensions: height mm 8.19, $\varnothing \mathrm{mm} 12.4$, guaranteed for hooks from $\varnothing 2.7$ to $\varnothing 3.6$ maximum.
Packs of 1000 pieces in plastic bags containing 20,000 pieces.
For sizes with colours/printing that differ from this list and therefore, for special requests, minimum 20,000 pieces per size.

The following print colours are available on request in addition to black and white:

1. pad printing: a variety of colours with the option of 3 prints of different colours on the same size marker;
2. hot printing: white, black, pastel colours, gold, silver and bright colours; this kind of printing is made by a hot imprint of a film on the size marker. The three prints, therefore, differ from one another due to the tapered shape of the piece. this in a non-contestable feature.

Possibility for customisation or "MADE IN ITALY" printing.
Any other size marker not included in the list can be manufactured.
The Maxi sizemarker (dimensions: height $10 \mathrm{~mm} \varnothing \mathrm{~mm}$ 12.5) or special shapes (square with right angles - rounded square - round - large pyramid - small pyramid and frustum) are available on request.

The rounded square shape is guaranteed for hooks from $\varnothing 2.3$ to $\varnothing 6$ maximum.



Large pyramid

 metal in generic or customised form and in a variety of shapes and printing colours, background (see the page Plastic colour range) and cords (see the page Cords Range Colours)


The latest-generation one-piece version of seals guarantees excellent quality, exceptional grip and durability.
The "security" aspect is guaranteed in all formats.
If tampered with or forced, our seal tags cannot be reused.

## ONEPIECE SEALS TAG



## NAME TAGS WITH PINS



DOUBLE-SIDED ADHESIVE NAME TAGS*


NAME TAGS FOR JEWELLERY*


## Cord position

The cord has a fixed minimum length of 265 mm .
One-piece seals are positioned in the centre of cords of this length.
For longer lengths, the cord is increased on the left-hand side up to a maximum of 300 mm .
The position shown in also valid for the other one-piece seals.

 characteristics to seals, are used as alternative articles as well as replacing traditional manual nylon security threads.

Optional customisation on one side with die-casting or ink printing.


Available in the following lengths: 145-170-210-240-260-290 mm and others on request.

Other plastic colours on request (see the Plastic colour range page) and other one- or two-colour cords (see the Cord colour range page).


©

## $\frac{5}{N}$



Pins, in the steel or nickel-plated brass version with standard, silver-colour plastic or coloured glass head. Lengths vary from 10 mm to 42 mm and with a variable width from 0.54 to 1.00 . Other shapes for alternative uses on
 $22 \times 0,65=1 \mathrm{~kg}=13.500 \mathrm{pcs}$ $26 \times 0,65=1 \mathrm{~kg}=11.500 \mathrm{pcs}$

Clips, in the steel or nickel-plated brass version or transparent and coloured highimpact polystyrene clips, ensure the fabric is held firmly in place.

1. art. Medium 32 / 34 mm - nickel-plated brass / steel
2. art. Large 45 mm - nickel-plated brass / steel
3. art. Small 27 mm - nickel-plated brass / steel
4. art. Medium 32 / 34 mm - gilt brass
5. art. Argentina 34 mm
6. art. Brasile 32 mm
7. Square plastic cuff links $17 \times 17 \mathrm{~mm}$ (logo: emblem, etc.)
8. Round plastic cuff link $\varnothing 12 \mathrm{~mm}$
9. Rectangular plastic cuff link $13 \times 19 \mathrm{~mm}$ (logo: emblem, etc.)
10. Pastic safety pin
11. Safety pin from 19 mm to 55 mm - brass / iron / steel
12. art. America 46 mm
13. art. California 34 mm
14. art. Doppio i 35 mm
15. art. Medium mm 39 - coloured 16
16. art. 315 mm 38
17. art. Large mm 46
18. art. Medium 39 mm
19. shirt cuff clip 38 mm
20. art. Norvegia mm $35 \times 38$


A new article manufactured by us (PAT.MOD. PIR.SA.FA.) entirely in plastic as an alternative to traditional steel or nickel-plated brass/iron. It is the first plastic semi-cylindrical crossover clip, with the following characteristics:

- Dimensions and shape: look at the photo and technical drawing.
- Material: polycarbonate.
- Colour of plastic: varied (neutral, single-colour and transparent) to match the fabric, with silver, gold, copper etc. effect.
- $100 \%$ nickel-free and therefore, no adverse effects for health (allergies from contact with nickel, etc.) and no risk of "rusting".
- The materials used (first-rate and certified for food use) and the production system comply with legal requirements for the environment and the plastic is recyclable.
- Extra-smooth outline with no rough edges, thus no risk of snagging. Depending on which way round it is turned, it can be used for both heavy and lightweight fabrics.
- The breaking point of this clip is lower than that of a mm mm metal clip.
- The strength of plastic cannot be compared with that of metal, but it is extremely functional and has an excellent grip for the use for which it was
 conceived.
 produced in transparent or matt satin-finish Crystal PVC, to enhance the shape of the shirt collar.

Stiffeners in Mylar or PVC, blank or customised, required to strengthen the points of the shirt collar.

- Blank or printed bags in PLP or PLT
- Neutral or coloured nylon threads for labels
- Tag guns and needles for nylon threads
- Stain removers
- Rayon cords for labels Polyester, nacre, mother of pearl and metal buttons
- Paper for shirt inserts
- Blank or customised tissue paper
- Blank or printed cardboard collar interlay strips
- Cardboard and shaped shirt inserts "Patented" foldable shirt hanger
- Any other accessory required for this sector



## Collar interlays strips

MODELS DESCRIPTION

## D-baby straight baby

D straight

S shaped

MV
flared sides

MV
double size
flared sides with possibility to open all notches or just 2 at the required size

J central excavation
art.K30×385
art.K35x485
art.K35x485
art.K35x485
art.K38x485
(tg. 45/46)
art.K35x485


## 0000000




1) on the models s-MV-MV double size, for the part of the band whose width goes from mm 40 to mm 55 , the strip has a waste of PVC (see width size development).
2) The length of the band of all the above models is inclusive of the spout measuring: mm 15 in the models $\mathrm{S}-\mathrm{D} / \mathrm{baby}$; mm 9 in the model MV ; mm 12 in the models $\mathrm{D}-\mathrm{J}$. 3) Intermediate measurements of length and width of band on request, for models D/baby-D-S-MV and MV double size. Other intermediate measures of band length on request for all strips.
3) Small numbers on request, as some collar interlays strips are equipped with guide holes for mounting.
4) Produced with clear blue crystal pvc (non-toxic, recyclable and for food use) standard thickness $25 / 100$, on request $30 / 100$ and $35 / 100$. on request also in polystyrene, matt satin PVC and transparent pet.
5) No disputes regarding: transparency, colour, thickness (legal tolerance $+/-10 \%$ ), not constant rigidity. All this because the materials used, although certified for food, are of 2nd choice.

INTERNAL STIFFENERS for shirt collar made of mylar on canvas


## REMOVABLE STIFFENERS

for shirt collar
in pvc, mylar or pet





## BUTTERFLIES / SUPPORT FOR SHIRT COLLAR





$109,5 \times 30 \mathrm{~mm}$



ARTICOL
H1
K/F

SIZES $368 \times 35 \mathrm{~mm}$ $470 \times 30 \mathrm{~mm}$ 40330 mm


## Other accessories



FABRIC PROTECTION RINGS FOR BUTTONS



art. small


## STRIPS/ COUPLERS FOR HANGERS

## HANDLES - WHEELS



Moulding for third parties
 of PIR.SA.FA. in the plastics industry makes it the ideal partner for moulding articles of different sizes and formats, offering flexible solutions which are suitable for any type of production requirement.



## PIR.SA.FA. for sport and more...



PIR.SA.FA. has always sponsored sport on a provincial, national and European level with excellent results:
FIA Italian European Hill Climb Championship, Serie C Italian basketball championship, CSI basketball provincial championship, national basketball final (three-point shoot-out), Serie A1 Italian handball championship, local rhythm gymnastics and basketball, Himalayas 2006, etc., in addition to supporting the Bandera Bajada mission "Parish of S.Isidro Labrador" in Argentina, through the non-profit Mission Centre of Osimo (Ancona).





# Bologna-Taranto 

A14


A - HIGHWAY A/14, BOLOGNA - TARANTO
South (Ancona-Pescara) exit at the toll:

## Teramo-Giulianova-Mosciano S.A.

at the exit there are 2 alternatives:

1) take the $\mathbf{S S} \mathbf{8 0}$, direction Teramo and continue for about 6 Km , turn at the second fork on the left for Castellalto.
Continue for about 1 km , crossing the bridge over the river. At the stop turn right towards Petriccione-Industrial area. Continue
for about 1.5 km . You have arrived!
2) follow the signs for the A24 highway towards Teramo- L'AquilaRoma. On the Teramo-Mare roas take the second exit with indication: Bellante-Castellalto. Continue to Castellalto, pass the roundabout, pass under an overpass and at the stop turn right.
After about 300 meters you have arrived!

## B - HIGHWAY A/24, ROMA - TERAMO

From Teramo continue to Giulianova-Mosciano S.A. and along the Teramo-Mare, exit at Bellante-Castellalto. Continue to Castellalto, pass the roundabout, go under a flyover and at the stop sign turn right. After about 300 meters, you have arrived!

PIR.SA.FA. S.r.I.
Z. ind.le Case Molino

Via L.ariosto, 64020 Castellalto TE - iTaLY

## GPS coordinates:

$42^{\circ} 41^{\prime} 58,2454^{\prime \prime}$ NORD
$13^{\circ} 49^{\prime} 55,48347$ " EST

