

## General information

|                           |   |
|---------------------------|---|
| <b>Direction</b>          | Right-left, left-right, scheme ...              |
| <b>Position of inlets</b> | Horizontal / ancillary vertical, boxer ...      |
| <b>Centring</b>           | Fix, manual, fix and manual, special design ... |

## Distributors and Rings

|                                     |   |
|-------------------------------------|---|
| <b>Polymer type / layer</b>         | PVC, PE ...                                   |
| <b>Number of layers</b>             | Which extruder to which layer                 |
| <b>Flow rate per layer</b>          | kg/hour                                       |
| <b>Line speed</b>                   | m/min   |
| <b>Product sizes</b>                | Product table (at least the biggest product)  |
| <b>Viscosity curve</b>              | Viscosity versus shear rate                   |
| <b>Number of stripes</b>            | 0, 1, 2, 3 or 4                               |
| <b>Percentage of each stripe(s)</b> | 5...50% (ex. 1x20% or 3x15%)                  |
| <b>Position of stripe(s)</b>        | 0h, 9h, etc. with crosshead viewed from front |
| <b>Spare parts</b>                  | Heater ? Screws ? Distributors ? Nuts ?       |

## Connections to extruders

|  |   |
|--|---|
| <b>Distance from centreline to Flange</b>    | Layout drawing could help   |
| <b>Position / Height</b>                     |   |
| <b>Dimension of extruders, breaker plate</b> | Drawing could help  |
| <b>Dimensions of clamps</b>                  |   |
| <b>With/Without by-pass</b>                  | Manual, pneumatic, hydraulic ...<br>If Hydraulic: sensors NPN or PNP, NC or NO, 24VDC ... |
| <b>Melt Pressure Sensor</b>                  | Dynisco? ..., Dimensions  |
| <b>Clamp</b>                                 | 2 halves, 3 halves ...  |

## Other options

|                                     |   |
|-------------------------------------|---|
| <b>Trolley</b>                      | Line Height, Colour (RAL code) ...                    |
| <b>Vacuum connection</b>            | With/without pump                                     |
| <b>Etel Maintenance Module</b>      | Linear, rotating support ...                          |
| <b>Assembling/Dismantling Tools</b> | Toolbox, High temp. grease, ...                       |
| <b>Hydraulic Aggregate</b>          | Electrical tension of solenoids (24VDC or 230VAC) ... |

## Instruction Manual

|                 |                              |
|-----------------|------------------------------|
| <b>Language</b> | English, French, German, ... |
|-----------------|------------------------------|

## Heaters and Thermocouples

|                          |   |
|--------------------------|---|
| <b>Electrical Supply</b> | 230V, 400V, ...   |
| <b>Connexions</b>        | Cable, 3 poles (C21/C22), Harting, ...                      |
| <b>Thermocouple</b>      | Type J, K or PT100, diameter 6 or 8mm, flat tip or 120° tip |

## Pictures of production line, extruders or similar line could help !