

# NEW- PE Pipe extrusion lines for water and gas pipes from 160 - 400 mm

Ref. - Nr. 3290-579-2

## Price: on request

Net, Ex Works, plus VAT

**New Mpp-Etp D = 160 - 400 mm PE pipe extrusion line.  
The line consists of the following parts:**

### 1. SE 90-33 Single screw extruder

- |   |                |
|---|----------------|
| 1.1. DC drive   | 185 kW         |
| Eurotherm controller  |                |
| 1.2. Gear box   |                |
| 1.3. Screw diameter   | 90 mm          |
| L/D ratio   | 30:1           |
| Screw material  | 38CrMoALA      |
| 1.4. Grooved feeding section                                  |                |
| 1.5. Flange connector for die with thermo couple              |                |
| 1.6. Heating  |                |
| Heating zones cylinder  | 5              |
| Cooling zones cylinder  | 5              |
| Heating zones flange  | 1              |
| Heating zones die   | 7              |
| 1.7. Output   | 500 kg/hr HDPE |
| 1.8. Hopper loader  | 800 kg/hr      |
| 1.9. Control box  |                |
| PLC controls with LCD screen in English and heating controls. |                |
| Features:   |                |
| - Synchronisation of complete line                            |                |

- Automatic feeder with light alarm

## **2. SE 25-25 Co-extruder single screw**

2.1	Motor power	2.2 kW
2.2	Speed controls	
2.3	Screw diameter	25 mm
	L/D ratio	25:1
	Screw material	38 CrMoALA
	Output	4 kg/hr HDPE

## **1. SD450 Spiral Pipe die**

3.1	Adaptor for co-extrusion for stripes	
3.2	Made from stainless steel	
3.3	Heating zones	10
3.4	Heating power	40kW
3.5	Thermostat for cores	
3.6	Die carriage,height adjustable,electric tilting	
3.7	Tooling for die: diameters 160, 200, 250, 315, 355, 400mm All in SDR11 & 17.6	
3.8	Adaptor for stripes for all diameters	
3.9	Connector for co-extruder	

## **2. VT450 Vacuum calibration tank ( 2 units)**

4.1	Diameter range	160 – 450 mm
	Length vacuum section, 2 chambers	5.600 mm
	Total length	6.000 mm
	Vacuum pumps	2x 5.5kW
	Water pumps	2x 7.5kW
	Water level & temperature controls	
	Stainless steel	
	2 water filters	

- 4.2 Forward/backward movement electric
- 4.3 Supports for following diameters:  
200,250,315,400mm 3 sets each
- 4.4 Calibrators for HDPE pipe  
160,200,250,315, 355, 400 mm
- 4.5 Entry exit tools  
160,200,250,315,355,400 mm

### 3. CT450 Cooling tank ( 3 units)

- 5.1 Diameter range 160 – 450 mm  
Length cooling chamber 5.600 mm  
Water pump 5.5kW  
Stainless steel
- 5.2 Water level & temperature control
- 5.3 2 water filters
- 5.4 Entry/exit tools and supports for diameter;160, 200,250,315,355,400mm

### 4. HO450 Haul off

- 6.1 Motor power 5.5kW
- 6.2 Tracks 4
- 6.3 Upward downward movement upper tracks pneumatic
- 6.4 Upward downward movement lower tracks electric
- 6.5 Speed 0.2 – 3 m/min
- 6.6 Contact length 2.200mm
- 6.7 Diameter range 160 – 450 mm

### 5. PS450 Planetary saw

- 7.1 Motor power 3 kW
- 7.2 Rotation motor 1.5kW

7.3 Diameter range 160 – 450 mm

7.4 Chips collector blower 1.5 kW

## 6. PT450 Collection table

8.1 Length 6.000 mm

8.2 Automatic tilting

PS. Specifications and price (due to rapidly rising raw material costs) can be changed in the final quotes and offers.

### Unless otherwise stated the delivery conditions are:

Prices quoted are to be understood, ex works Tilburg, excluding insurance, duty, packing VAT and training of operators.

Payment: 30% down payment with the order confirmation, payable within two weeks of agreement to order.

70% before loading to transport, if payments are made by letter of credit the following rules apply: irrevocable letter of credit, confirmed by a European prime bank, to be opened within 30 days of order confirmation, payable against presentation of shipping documents at Maproplast's bank.

Delivery time: From stock, 2 weeks after receipt of technically & commercially clarified order as well as the down payment. Delay in receipt of down payment and opening of a workable L/C can cause extension of delivery time for the same period.

Guarantee: 12 months from collection date of the machinery

Delivery: conform our general terms of trade as deposited with the chamber of commerce in Tilburg no. 435.

Caveat emptor as far as legally liable, without guarantee for procurement and retention of self supplied. Subject is to being unsold. For all statements of items and quantity no guarantee can be assumed.