

DRIP IRRIGATION & EXTRUSION MANUFACTURING SOLUTIONS

STORM - PC


*PC Dripper for
Varied Field Conditions*

MINORO™


*Non-PC Leach Mining Dripper with
Unparalleled Clogging Resistance*

SANDGUARD


*Non-PC Dripper with
an Elevated Filter*

MONSOON™

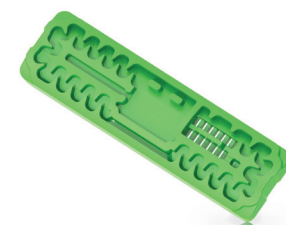

*Compact Non-PC
Omniflow™ Dripper*

MINI™


*Non-PC Dripper for Microtube
Landscape/Gardening Applications*

CYCLONE


*Pressure Compensating
PC/ND/AS Flat Dripper*

CENTRA


*Symmetrical
Non-PC Flat Dripper*

DURA


*Asymmetrical
Non-PC Flat Dripper*

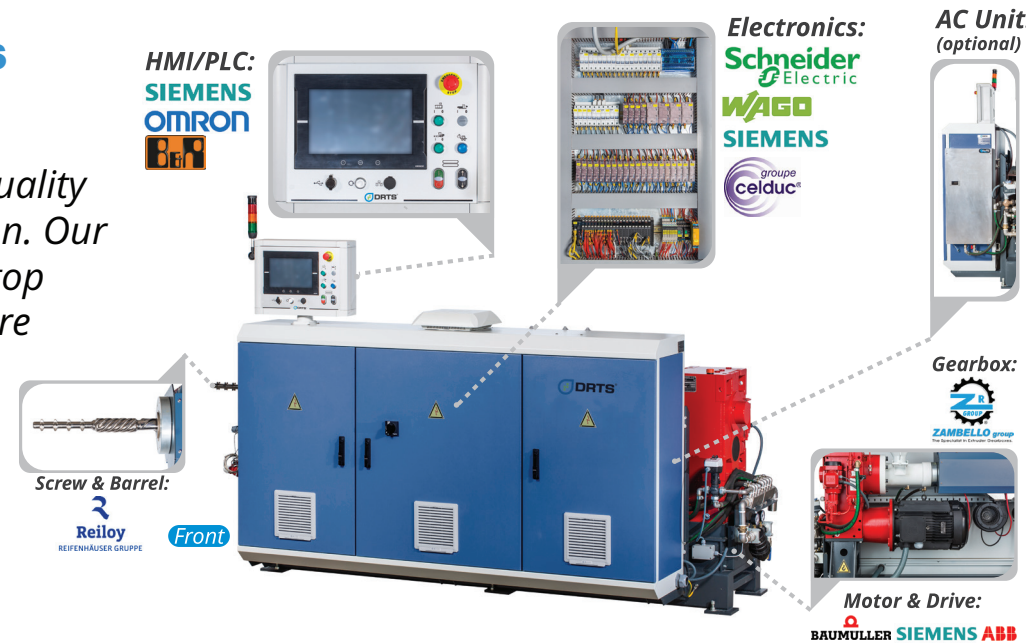
NANO


*Low Flow
Miniature Flat Dripper*

EXTRUSION TECHNOLOGY

EXTRUSION SOLUTIONS

DRTS provides extrusion solutions with a focus on quality and customer customization. Our extruders are crafted with top brand components to ensure production stability and machine durability.



Features & Specifications

Screw & Barrel:	Bimetallic (Germany) or Nitreated DIN 1.8850
Main Motor:	ABB/Siemens/Baumuller
Driver:	ABB/Siemens/Baumuller
HMI/PLC Control:	12" B&R/Siemens/Omron
PC Control:	Optional 19"
Gearbox:	Zambello - Italy
Heating Elements:	Ceramic Heaters with Aluminium Separators
Melt-Pressure Sensor:	Gerfan - Italy
Electric Components:	Wago - ABB - Siemens - Schneider
Solid Stated Relays"	Celduc / France
Air Condition:	Optional

- Low Energy Consumption**
- All European Components**

Single Screw Extruders

MODEL	SCREW DIAMETER	SCREW L/D	MOTOR POWER (KW)	OUTPUT (KG)
DR-SS-30/25D	30	25	1.1-5	5-15
DR-SS-45/30D	45	30	15	60
DR-SS-45/36D	45	36	30-53	120-180
DR-SS-60/36D	60	36	52-95	200-300
DR-SS-75/36D	75	36	110-160	300-600
DR-SS-90/36D	90	36	250	800-850
DR-SS-110/36D	110	36	300	1100-1200

Double Screw PVC Extruders

MODEL	SCREW DIAMETER	SCREW L/D	MOTOR POWER (KW)	OUTPUT (KG)
DR-DS-55/20D	55	20	15	70-80
DR-DS-67/22D	67	22	22	120
DR-DS-68/25D	68	25	28	180
DR-DS-75/25D	75	25	30	250
DR-DS-90/25D	90	25	45	350
DR-DS-110/25D	110	25	110	600
DR-DS-135/25D	135	25	120	900-1000

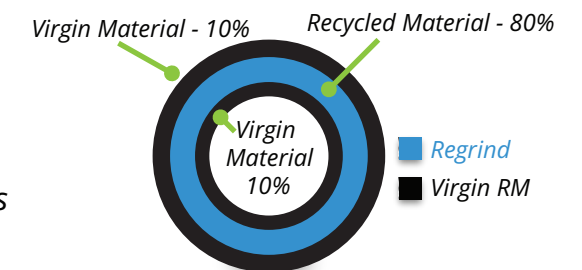
3 LAYER PIPE (Die-Head)

Our 3 Layer Cross-Head technology utilizes recycled material for up to 80% of your piping, saving you money while maintaining the quality and integrity of your pipes. This method of production can be applied to both your plain and drip pipe production lines.

FEATURES

- Cost saving
- Up to 80% recycled materials
- Can be configured as Single/Double/Three Layer
- ABA and ABC configurations (with or without stripes)
- Can be adapted to existing and new production lines
- Can be used for drip irrigation as well as HDPE/PPR/PVC pipes
- Up to 630mm (160mm for PPR)

Pipe Cross Sectional View



TURNKEY PRODUCTION LINES

TURNKEY DRIP IRRIGATION SOLUTIONS

With over 500 production lines around the world, DRTS is a global leader in the field of drip irrigation production lines and drippers. We strive to provide the most advanced, high quality and complete packages for independent drip manufacturers.

Round Dripper Production Line

- Up to 120 meters per minute
- Insertion up to 500 drippers per minute
- Perforation up to 500 drippers per minute

Flat/Nano Dripper Production Line

- Up to 250 meters per minute
- Insertion up to 2000 drippers per minute
- Perforation up to 2000 drippers per minute

Strip-Tape Production Line

- Up to 100 meters per minute
- Various Flow-Rates and Spacing Options

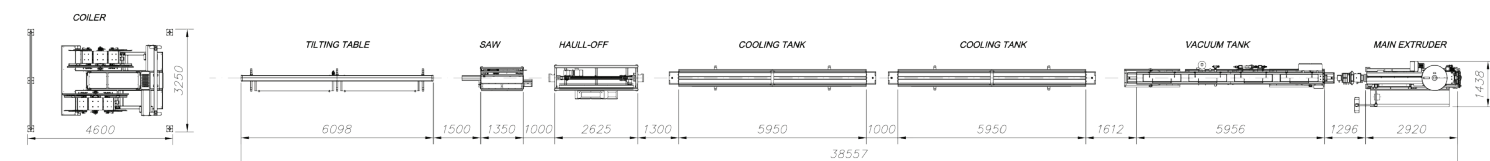


All line components and equipment also available as Standalone machinery

TURNKEY PIPE MANUFACTURING

DRTS offers turnkey production lines for the manufacturing of PE, PPR and PVC piping ranging from 16mm - 630mm diameter. Our turnkey production lines utilize top of the line components from around the world and operate at high efficiency while producing quality piping.

PE/PPR/PVC PIPE:



- HDPE Pipe 16mm-630mm
- PPR Pipe 16mm-160mm
- PVC Pipe 16mm-630mm

All production line components and equipment are also sold and available as standalone units:

- Extruder
- Die Heads: Single, Double, Three Layer
- Vacuum Tanks and Calibration
- Haul-Off/Pullers
- Cutters/Saw
- Cutters/Tipping Tables

