



# ADVANCED LEVEL IN EXTRUSION

# WHO WE ARE WHAT WE DO

**ADREMAC MAKINA SERVES A COMFORTABLE EXTRUSION PROCESS TO THE VALUABLE CUSTOMERS AROUND THE EUROPE. AS A COMPANY PRINCIPLE, WE FOCUS ON SERVING HIGH QUALITY MACHINES AND SERVICES FOR THE GREAT EXTRUSION**

According to our quality rules, we serve machines only for the Europe and the Middle East regions for the moment. Cause we believe, every machine produced in our factory in Adremac brand, should be

## QUALITY VALUES

We believe a quality is not an adjective for the goods. Quality is a product. Quality is a producible, manageable and sustainable value. From the first contact with our potential customer, till the end of the life time of the machines, we are always on the same side with our customer. We continue to provide online support to all our customers, even after the warranty period is over.

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## ETHIC VALUES

We are aware of our responsibilities towards to employees and customers, environment and the future. To accomplish all those responsibilities, we trust our ethic core values.

## SUSTAINABILITY

The most accurate method and management for sustainability is honesty and decency. We follow a policy of transparency for teammates of our customers and investors. We have to manage the social, environmental and financial implications of our actions. Only in this way we can maintain sustainability.

## TOTAL SECURITY

Work safety & environment safety are two inseparable concepts. Every single machine provided by our company needs to pass high Adremac security standards.

**Designing a machine and choosing every component are critical matters of a total safety**  
Machine working desing, ergonomy and working program safety, from the paint ingredients to the recyclable components are all really matter for us.

# EXTRUDERS

## PO - PVC EXTRUDERS

### PO EXTRUDERS

Polyolefins are most consumed thermoplastics in the world. The Adremac single screw extruders have been designed to give high quality experience to customers. The special Screw and Barrel Design, choosing best components and long years experiences created ADREX Series. Smart Touches on designing and experience made a perfection. All ADREX Series extruders provides, high energy saving, less maintenance and non stop production.



Type	Ø (mm)	L/D	Kg/h	Screw (kg/h)
ADREX - 35	35	28-37	35-60	SINGLE SCREW
ADREX - 45	45	33-37	60-100	SINGLE SCREW
ADREX - 60	60	33-37	150-280	SINGLE SCREW
ADREX - 65	65	33-37	240-300	SINGLE SCREW
ADREX - 75	37	33-37	400-500	SINGLE SCREW
ADREX - 90	90	33-37	600-800	SINGLE SCREW
ADREX - 110	110	33-37	750-1200	SINGLE SCREW

The **Extruders** is the initial point of the quality production. Our extruders are designed to achieve best plastification and sustainable production.

During the extrusion process, the extruder define chemical and physical quality.

### PVC EXTRUDERS

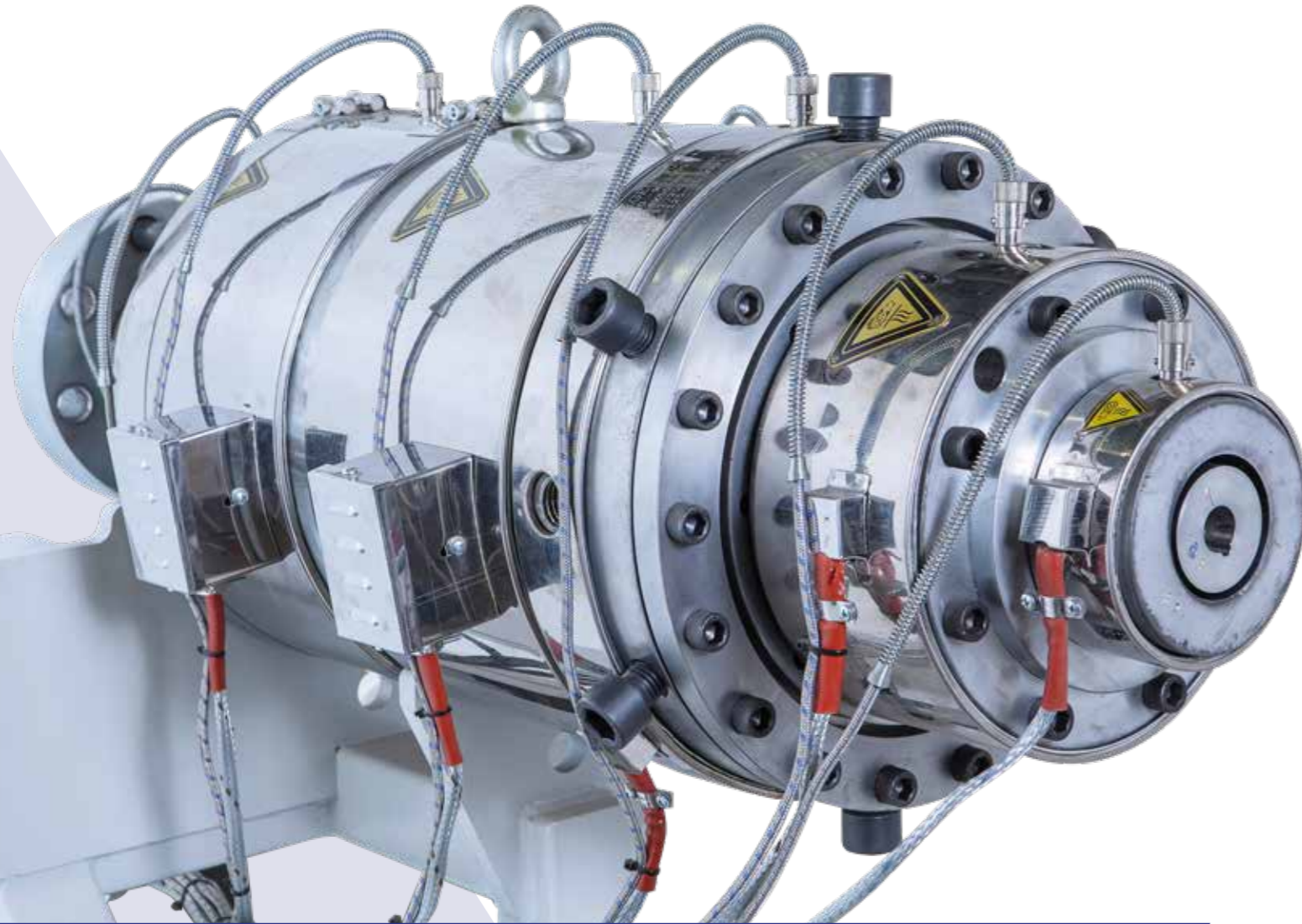
Choosing a conical and parallel design of a PVC extruder is delicately for customers' production and production manners. Especially PVC production is more complicated than Polyolefins. ADREX series PVC extruders makes production simpler.



Type	Ø (mm)	L/D	Kg/h	Screw (kg/h)
ADREX - 68/25D	68	25	200	PARALLEL
ADREX - 75/28D	75	28	300	PARALLEL
ADREX - 92/28D	92	28	600	PARALLEL
ADREX - 107/28D	107	28	700	PARALLEL
ADREX - 65/132	65	-	250	CONICAL
ADREX - 80/156	80	-	500	CONICAL
ADREX - 92/188	92	-	750	CONICAL

# DIE HEADS

## MONO / MULTILAYER DIE HEADS



Type	Diameter Range	Material	Layer
ADHEAD - 63	20-63	PE-PP-PVC	1 - 2 - 3
ADHEAD - 125	20-125	PE-PP-PVC	1 - 2 - 3
ADHEAD - 160	32-160	PE-PP-PVC	1 - 2 - 3
ADHEAD - 250	50-250	PE-PP-PVC	1 - 2 - 3
ADHEAD - 400	90-400	PE-PP-PVC	1 - 2 - 3
ADHEAD - 630	90-630	PE-PP-PVC	1 - 2 - 3
ADHEAD - 800	200-630	PE-PP-PVC	1 - 2 - 3
ADHEAD - 1000	400-1000	PE-PP-PVC	1 - 2 - 3

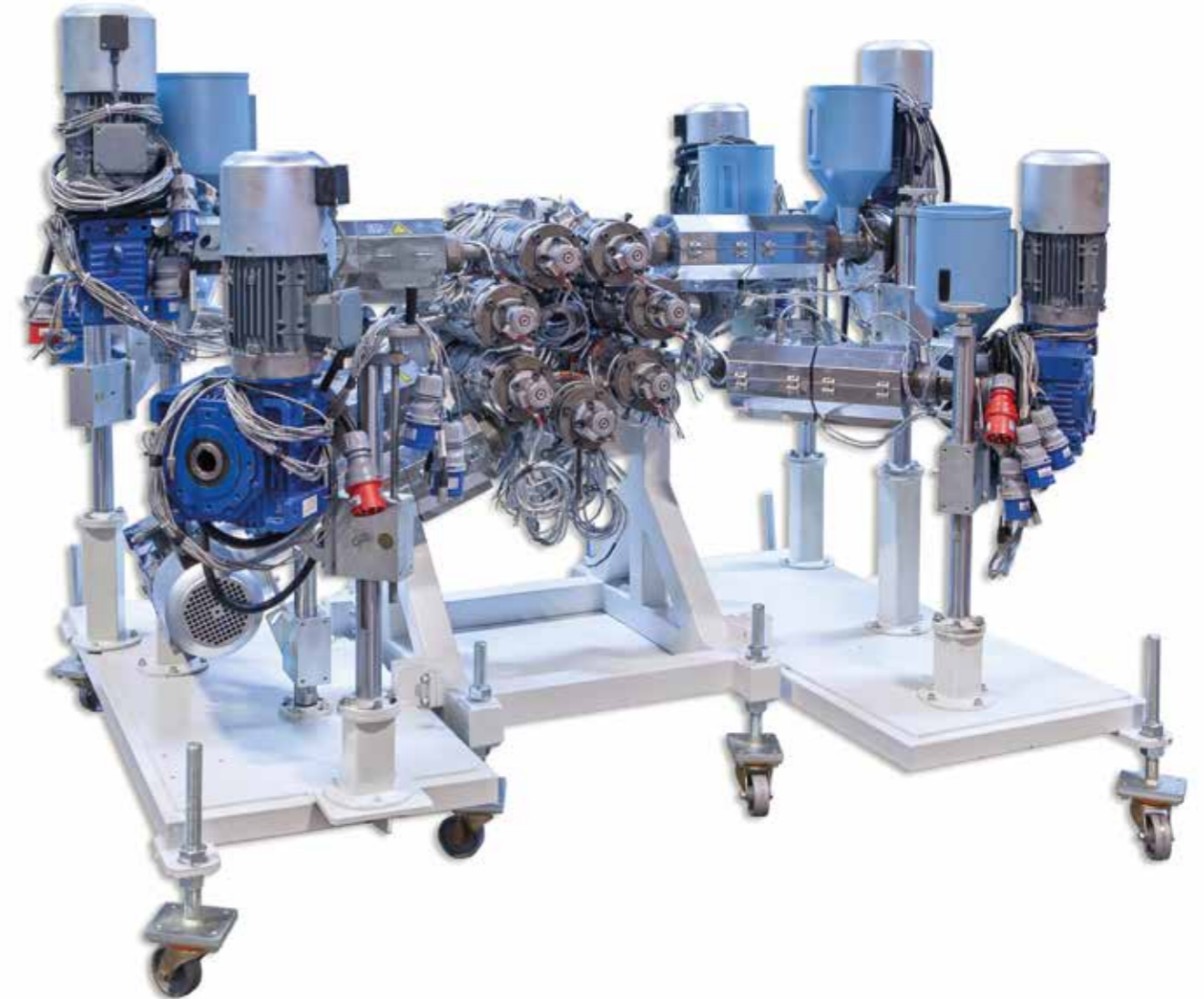
ADHED mono and multilayer die head has been designed to highest output. The Spiral mandrel system provides maximum pipe quality. From 10 mm to 1000 mm multilayer or monolayer die heads are capable to produce up to 7 layers.

Quick die set change and easy centralization

Up to 7 layer production

Easy cleaning and maintenance

Internal cooling system







Number of Pipes	Diameter Range	Material	Layer
ADMICRO - 3	14 - 32	PE	1 - 2 - 3
ADMICRO - 5	14 - 32	PE	1 - 2 - 3
ADMICRO - 7	14 - 32	PE	1 - 2 - 3

# DOWNSTREAM EQUIPMENTS

## LINE ELEMENTS

### Haul Off

Adremac Pipe Haul Offs are specially designed for consistent pipe extrusion. Caterpillar and Belt type haul offs transformative belt design and rope on top additions gives comfortable pipe extrusion.

-  High wear resistance materials of the pallets and Belts
-  Individually motor control
-  Easy synchronization
-  Remote Control additions



Type	Diameter Range	Number of Pallets
ADH - 40	10 - 40	2
ADH - 63	16 - 63	2
ADH - 125	20 - 125	2
ADH - 160	32 - 160	3
ADH - 250	50 - 250	4
ADH - 400	90 - 400	6
ADH - 630	90 - 630	6
ADH - 800	200 - 800	8
ADH - 1000	250 - 1000	10

### Cutter

## PVC and PP Saw Cutters

Servo motor controlled precise cutters cuts in an exact length of the pipes even on a high production speed. Dust collectors and filtration make dust free operation zone. Hydraulic clamping and easy operation makes life time longer.

#### Chipless Cutters For PPRC and PE Smooth Pipes

With servo motor control rotary cutters. Works high frequency cutting with less tolerance. Special Vagoon design and structural lightness makes fast cuts in a short time.

#### Dustless Chamfering for PP Pipes

Special designed chamfering knife located directly opposite cutting knife makes chamfering without dust.

The leftovers are only stripes which is reusable on extrusion.

Small vagoon and fast cuts makes production capacity is much higher than classical saw cutters



#### Rotary Cutters

Name	Max. Diameter	Material	Chamfering
ADCUT - 63	125	PE & PP	-
ADCUT - 125	125	PE & PP	OPTIONAL
ADCUT - 160	160	PE & PP	OPTIONAL
ADCUT - 250	250	PE & PP	-
ADCUT - 400	400	PE & PP	-
ADCUT - 630	630	PE & PP	-
ADCUT - 800	800	PE & PP	-
ADCUT - 1000	1000	PE & PP	-

#### Planetary Cutters

Name	Max. Diameter	Material	Chamfering
ADCUT - 125	125	PP & PVC	YES
ADCUT - 160	160	PP & PVC	YES
ADCUT - 250	250	PP & PVC	YES
ADCUT - 400	400	PP & PVC	YES
ADCUT - 630	630	PP & PVC	YES

# DOWNSTREAM EQUIPMENTS

## LINE ELEMENTS

### Vacuum Tanks

Anti corrosion stainless steel vacuum tanks are works fully automated . With Vacutech® system provides soundless and clear vacuum performance and up to %50 less power consumption.

Easy filter changing and less maintenance makes the vacuum performance highest Level. Thermoregulation valves uses effectife water consumption.

Monoblock or dual chamber vacuum tanks make your extrusions simple.



	Type	Diameter Range (mm)	Lenght (m)
MONO BLOCK	ADVT - 40	10 - 40	6
	ADVT - 125	16 - 125	6 - 9
	ADVT - 160	32 - 160	6 - 9
	ADVT - 250	50 - 250	6 - 9
DUAL CHAMBERS	ADVT - 250	50 - 250	3 + 6
	ADVT - 400	110 - 400	3 + 6
	ADVT - 630	200 - 630	3 + 6
	ADVT - 800	250 - 800	3 + 6
	ADVT - 1000	400 - 1000	3 + 6

### Cooling Tanks

Stainless steel cooling tanks gives long service time, ergonomic design of filter and easy connect sprays makes your maintenance easy and serve perfect cooling.

**Special conical design spray nozzle effective cooling.**

Expanded water surface and thermoregulation water valves works smart



Type	Diameter Range	1. Area Size
ADVT - 40 (FULL)	10 - 40	6
ADVT - 125	16 - 125	6 - 10
ADVT - 160	32 - 160	6 - 10
ADVT - 250	50 - 250	3
ADVT - 400	90 - 400	3
ADVT - 630	90 - 630	3
ADVT - 800	160 - 800	3
ADVT - 1000	250 - 1000	3



# BELLING MACHINE

## PVC AND PP BELLING MACHINE

The bellings machines are most complicated elements of the extrusion line. The bellings machine needs perfection on design and working experience.

ADVANCE BELL bellings machines are on service long years around the Europe with a non stop working. International well know brand equipment, perfect desing and knowledge makes bellings machine works smoothly.

Internal cooling plates on movement zones avoid from thermal expansion and make smooth movement. Spin heataters with a special desing mandrells and surroundly heat homogeneously and formed the pipe.

Adjustable lower table and wire draw encoders make perfect position control.



Name	Ø (mm)	Heating Zone	Pipe Forming Ø32-Ø50	Pipe Forming Ø75-Ø100	Pipe Forming Ø110-Ø160	Material
ADVANCE BELL MONO	32 - 110	1	1	1	1	PP & PVC
ADVANCE BELL DUO	32 - 110	2	2	2	1	PP & PVC
ADVANCE BELL TRIO	32 - 200	3	3	2	1-2	PP & PVC

# SEMI AUTOMATIC PIPE COILERS

Semi Automatic pipe coilers have servo motor controlled Travers and torque control working Drums. It has most possible round design of drums to better coiling.



Machine	Number of Drum	Number of Arm
Ø16 - Ø40	2	4
Ø20 - Ø63	2	6
Ø50 - Ø125	1	8*

\* UP TO PN 16

# ADSUPPORT™

WE ARE USING MOST ADVANCED TECHNOLOGICAL DEVICES AND SYSTEMS FOR BEING ALWAYS ON BOARD.

Control Panel Remote Access, Online AR+ Support (Artificial reality Support), Interactive Support and All other systems used by Adremac is only for quick solutions.

Life Time Online Support.

Life Time Spare Parts Support

Advanced Standarts

*Machine and proceses consulting are also serving to valuable customers.*

Online Support; No matter the warranty time all the customers ask anytime User Manual, Electrical SHEME, spare parts supports.

## Online AR+ Support

Is a Side of Interactive supporting. Adremac collaborated with world wide high-tech program developers and hardware producers in the world and giving a best solutions.

With Online AR+ support is most fastest way of a detecting a problem.





# We Are Local, Like You...

Adremac's Frontline Customer Care programs are giving a best experiences on a extrusion. With a Collaboration with the Vsight Technology company we are always in your help.

- ✔ Quick service and online Supports
- ✔ Interactive troubleshoot diagrams
- ✔ Starting aid
- ✔ Maintenance help

# ALL EYES ON YOU

## 01

### LANGUAGE, NOT A BARRIER!

To Directly help to the Operators and Technical team of our Cutomer's. the language Barrier is not a problem anymore. With a New development by Our Solution partner Vsight Technology have been launched a quick translation. Hereby we can communicate with anyone in their main language.


## 02


### AR 3D


AR+ 3D Online is also giving an opportunity to watch machines and Parts on 3D real time on your real camera view. With a High Technological Asistance programs, Fast and correct service team Adremac is Always in your side.



We make extrusion easier, faster,  
safer. A simple and smart touch  
on a design makes a great  
extrusion experience.

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*We Create a* **SOLUTIONS**

