


Providing Solutions for
all Your Extrusion Needs



Director's Message

At A.G Engineering, we don't just build machines — we craft the backbone of modern manufacturing. As a trusted name in plastic extrusion machinery, our mission goes beyond production; it's about enabling progress through precision, innovation, and integrity. In a world where plastic applications are evolving faster than ever, the demand for smart, efficient extrusion systems is growing in parallel.

We take this challenge head-on by designing machinery that is not only robust and reliable, but also adaptable to tomorrow's needs. Our strength lies in our people — a team of forward-looking engineers, technicians, and visionaries who are driven to solve real-world problems with purposeful engineering. Each solution we deliver is a reflection of our deep technical know-how and a relentless pursuit of excellence. We're proud to work alongside global technology leaders like Siemens, ABB, Fuji, Yaskawa, Danfoss, and Crompton Greaves — whose world-class components help elevate our machines to a league of their own. We invite you to explore this brochure not just as a catalog, but as a glimpse into the mindset that defines A.G Engineering — practical, progressive, and passionately committed to powering the future of extrusion.

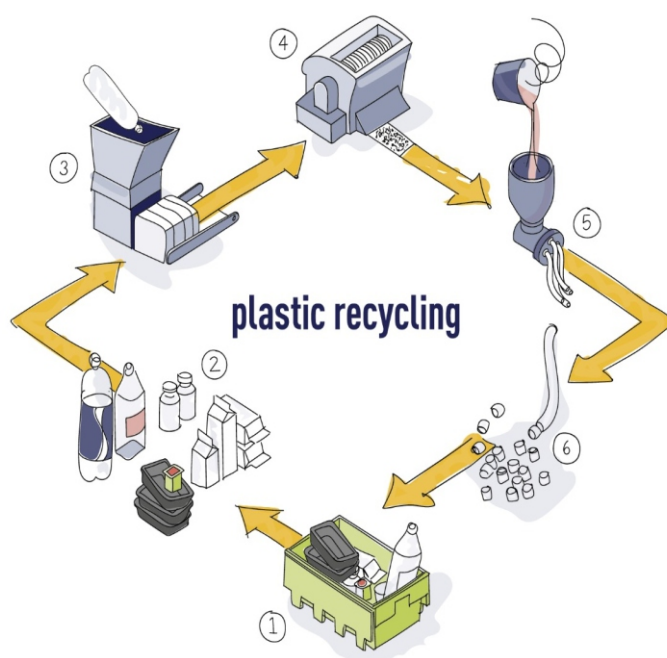


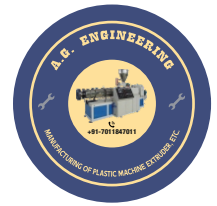
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Company Overview

Founded in 2008, A.G. ENGINEERING has rapidly emerged as a trailblazer in the world of plastic processing machinery. Built on a foundation of engineering excellence, innovation, and integrity, we have grown into a trusted name in the design, manufacture, and export of cutting-edge extrusion solutions. At A.G. ENGINEERING, we don't just build machines we engineer possibilities. Our expertise spans a wide spectrum of extrusion applications, including HDPE and PVC pipe production, drip irrigation lines, PVC compounding units, PPR and CPVC systems, LLDPE layflat tubing, cable insulation/coating, and custom reprocessing plants. Every machine we produce is a blend of technical precision and practical functionality designed to power tomorrow's plastic infrastructure, today. What sets us apart is our relentless pursuit of performance with purpose. Our machinery is recognized for its energy efficiency, rugged durability, and user-first design. From intuitive control systems to low-maintenance operation, every detail is crafted to deliver maximum uptime and long-term reliability. A.G. ENGINEERING thrives in a world of constant change. As plastic manufacturing evolves, we evolve faster—anticipating trends, integrating smart technologies, and pushing the envelope of what extrusion machinery can achieve. Whether you need a high-output standard machine or a bespoke line engineered to unique specifications, we're equipped to deliver both vision and value. We proudly serve a growing network of partners and clients across India, the Middle East, Africa, and Southeast Asia, offering not just machines, but a partnership built on trust, support, and shared growth. Our post installation support, training, and consultancy services ensure that every project achieves optimal results from day one. With a strong R&D culture, an agile mindset, and a commitment to sustainability, A.G. ENGINEERING is shaping the future of extrusion—one machine at a time. Mission To redefine standards in plastic extrusion through intelligent design, ethical engineering, and reliable performance. To be a catalyst for growth in the global plastic manufacturing ecosystem. To deliver machines that are not just built to last but built to lead. Core Values Inventiveness with Intent Innovation isn't just a buzzword—it's our blueprint. Every machine reflects purposeful design and forward-thinking engineering. Client-First Thinking Every client's challenge is an opportunity for us to build smarter, faster, and better. Integrity in Every Weld From pricing to production, transparency and trust are the threads that hold us together. Resilience in Action Our machines are built to weather pressure, and so is our promise—to stay dependable through every cycle. Engineering for the Future We embrace change, champion sustainability, and always think two steps ahead.





Commanding Future Needs Through Innovation

Redefining the Future of Extrusion—One Innovation at a Time At A.G. ENGINEERING, we don't follow industry trends—we engineer them. Since 2008, we've been crafting the backbone of modern manufacturing with plastic extrusion machinery that's built to last and designed to lead. But we're not here to simply produce machines—we're here to rethink what machines can do for industries, economies, and the environment. We understand that extrusion isn't just a manufacturing step—it's the critical pulse behind irrigation systems, urban utilities, power infrastructure, and more. That's why our machines are built smarter, not just stronger. Every nut, bolt, and control panel is fine-tuned to enhance efficiency, versatility, and ROI. We believe that staying relevant is not enough. You have to stay ahead.

Where Engineering Meets Evolution

We treat innovation as a living process.

At our facilities, R&D isn't a department—it's a culture. Whether we're developing a high speed drip irrigation line or optimizing a reprocessing plant for new materials, we ask ourselves: Can this be made better, faster, leaner?—and then we make it happen. From compact extruders for space-limited facilities to scalable multi-layer systems for high-output plants, we serve companies with vision, not just volume. And as environmental regulations tighten and input materials evolve, so do our designs—balancing performance with sustainability and compliance. The future is circular, efficient, and intelligent. Our machinery is ready for it.

Quality That Speaks for Itself, and for You

In an age where machines are mass-assembled, we choose precision over production speed.

Every unit we produce undergoes stage-by-stage validation—from metallurgy testing to thermal calibration and final load simulation. Quality assurance at A.G. ENGINEERING isn't about fixing flaws. It's about engineering them out before they begin. We don't cut corners. We craft edges. And while performance metrics matter, so does people's safety. Our systems are designed with embedded fail-safes, user alerts, and operational transparency—because a safe machine is a smart machine.

Service Beyond Sales

Our relationship with clients doesn't end with installation—it begins there.

We partner with you at every stage of the lifecycle: from project blueprinting and ground-up setup to operator training and preventive maintenance. Whether you're launching a new facility or scaling up a legacy line, our team becomes an extension of yours.

You'll never hear us say "we'll get back to you." We respond. We resolve. We remain.

Here's what you can count on: Full-cycle technical support

- Precision installation & start-up supervision
- Remote and on-site troubleshooting
- Tailored training programs for your workforce
- Ready inventory of essential spare parts
- Process optimization consulting

Built With Vision. Backed By Integrity. Driven By Possibility.

At A.G. ENGINEERING, every machine carries a signature—of quality, of passion, of possibility. And as the industry transforms, we're proud to remain not just a supplier, but a solution partner—helping shape a world where performance and responsibility go hand in hand

Applications of PVC Pipe

- Drain-waste-vent (DWV) • Sewers • Water mains
- Water service lines • Irrigation • Various industrial installations • Electrical conduit SWR pipe



Conical Twin Screw Extruder

- Counter rotating conical twin screw machined on CNC "WMW" Germany make thread milling machines by simulation software for better performance
- Conical twin screw extruder are specially designed for high calcium loading
- Compact & reliable gear box
- Two piece barrel Construction for economical replacement can be provided
- Synchronized drives of the extruder, feeder, and haul-off enable the ease of operation. It is designed for high output at low screw speed and less power consumption
- Bi-metallic screw & barrel can be provided for two-three times more lifespan than nitrided screw & barrel



Die head

- Die head is made of high carbon content forged alloy steel for better life & performance



Spray Bath

- Intensive cooling of the pipe with the help of numbers of spray nozzles.
- Axial adjustment of tank on slide rails with locking arrangement
- Self cleaning type spray nozzles with wide opening for intensive cooling of the pipe
- Acrylic transparent cover for easy inspection

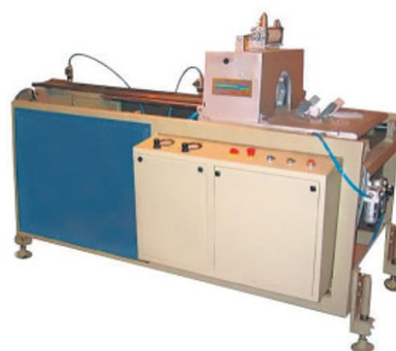
Technical Specifications

Main Specifications				Conical Twin Screw Extruder					
Machine Model	Min. Pipe OD (mm)	Max. Pipe OD (mm)	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)	
AG 45/90	16	50	90	80	15	11	3	1-37	
AG 51/105	16	200	170	150	18.5	15	5	1-37	
AG 65/132	63	225	300	250	37	20	8	1-37	
AG 80/156	110	315	425	350	55	35	12	1-37	
AG 92/188	135	630	600	450	75	45	20	1-37	



Pneumatic Haul-off

- Twin and multi-track system
- Track can be adjusted for different sizes of pipes ranging between 20mm and 630mm
- Haul-off is synchronized with extruder with the help of AC frequency variable drive
- Gap between two tracks and pressure is adjusted pneumatically
- V-Groove rubber pads mounted on chain with proper tensioning to prevent ovality even for large diameter and thin wall pipes



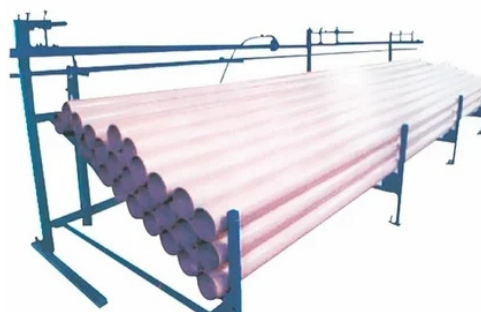
Automatic Cutting Unit up to 200mm

- Carborundum for smaller diameter and high speed steel for bigger diameter to ensure less wastage during cutting
- Smooth and clean cut
- All movement are equipped with pneumatic cylinders
- Clamping force can be adjusted to accommodate different wall thickness.
- Limit switch has been provided to sense particular length



Planetary Cutting Saw

- Planetary saw blade cutting for pipe dia up to 630mm
- UPVC chamfering rotary cutting
- Cutting is PLC controlled
- Saw dust powerful sucking device
- Special hard alloy saw blade is employed to cut heavy caliber thick wall pipes



Tipping Unit

- Operated with pneumatic cylinder and limit switch for pipe stacking

Vacuum Sizing Tank			Spray Bath			Haul - off		Cutting saw	
Pump Drive (kw)	Length (mtrs)	Water Requirements Circulating (ltr/mm)	Length (mtrs)	Water Requirement Circulating (ltr/mm)	Drive Range (kw)	No. of Arms	Width of Belt (Inch)	Saw Dia (mm)	Saw Drive Load (kw)
2.25	3.0	400	3	-	1.5	2	4	300	0.75
2.25	1.0	400	5	-	4	2	6	500	1.5
-	-	-	6	450	4	2	6	500	1.5
-	-	-	6	500	5.5	3	2.5	200	2.25
			6+6	1000	7.5	6	2.5	200	2.25

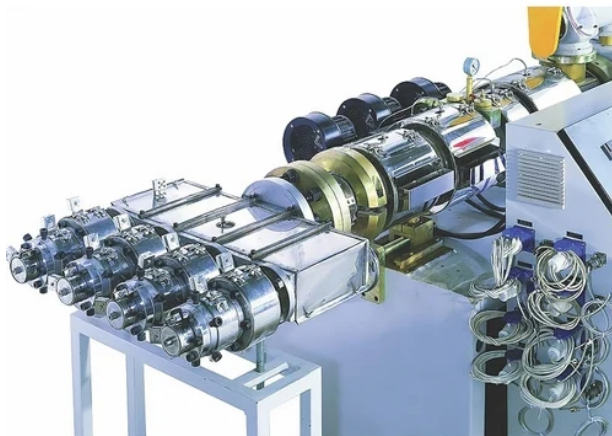
Applications of PVC Four Pipes

- Electrical piping system
- Underground duct



Conical Twin Screw Extruder for Four Conduit Pipe

- It produces four pipes of different weights and diameters at the same time out of one mould
- Results in high production even for smaller sizes of pipe
- Special conical twin screw extruder can take high filler loading as compared to parallel twin screw extruder
- Counter rotating conical twin screw machined on CNC "WWW" Germany make thread milling machines by simulation software for better performance
- Bi-metallic screw & barrel can be provided for two-three times more lifespan than nitrided screw & barrel



Four Pipe Die Head

- Die head for smaller sizes of pipe ranges from 16mm-32mm with stainless steel spider
- It ensures the production of four pipe out of one mould, thus making the cost of production low
- It has reasonable flow channel design and special treatment on the surface
- Special flow channel design ensures the equal distribution of PVC in both moulds
- Melt temperature and pressure remain even

Technical Specifications

Main Specifications				Conical Twin Screw Extruder					
Machine Model	Min. Pipe OD (mm)	Max. Pipe OD (mm)	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)	
AG 65/132	16	32	250	220	37	24	12	1-37	
AG 51/105	16	32	250	320	55	36	12	1-37	



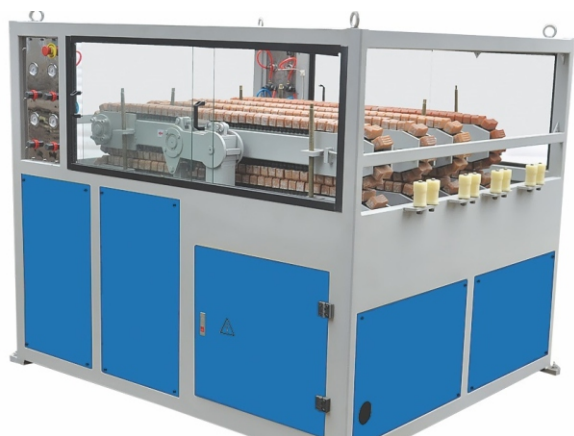
Four pipe vacuum tank

- Four pipe vacuum tank ensures the production of three pipes even if the production of the fourth pipe is stopped due to any reason. Thus, making the wastage low. It is made of stainless steel
- All vacuum portions are independent from each other



Four Pipe Cutting Unit

- Its construction ensures the cutting of four pipes at different length and at different time
- Length of the pipe can be set with limit switch of tipping chute
- Functioning is "PLC Controlled"
- Special high speed blade for smooth cut



Four Pipe Haul-off

- Its construction ensures the traction of pipes at four different speeds thus enabling the production of pipes of different weight
- Gap between two tracks is adjusted through pneumatic cylinders
- Drive to all 4 belts is given through 4 independent geared motors
- Rubber pads are mounted on the chain for easy maintenance
- Chain drive and groove rubber pad ensure that the pipe would not slip even at higher line speed

Vacuum Sizing Tank And Water Tank

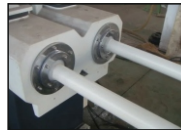
Haul - off

Cutting saw

Pump Drive (kw)	Pump Drive (kw)	Length (mtrs)	Water Requirement Circulating (litr/mm)	Drive Range (kw)	Pulling Speed (mtr/min) Range I	Saw Dia (mm)	Saw Drive Load (kw)
3.7x1	3	3	300	2.2x4	2 to 6	200	0.75x4
3.7x1	3	3	300	2.2x4	2 to 6	200	0.75x4

Applications of PVC Double Pipe

- Electrical piping system • Underground duct



Conical Twin Screw Extruder for Dual Conduit Pipe

- It produces twin pipe for two different diameters at the same time out of one mould
- Results in high production (125kg/hr-150kg/hr) even for smaller sizes of pipe
- Special conical twin screw extruder can take high filler loading as compared to parallel twin screw extruder
- Counter rotating conical twin screw machined on CNC "WWW" Germany make thread milling machines by simulation software for better performance
- Bi-metallic screw & barrel can be provided for getting two-three times more lifespan than nitrided screw & barrel

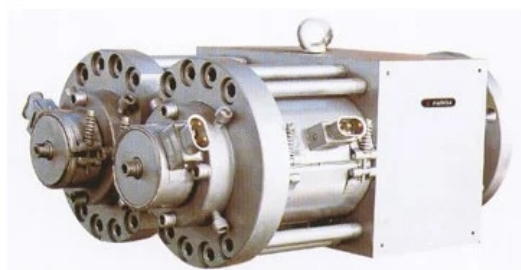


Dual Pipe Vacuum Tank

- Dual pipe vacuum tank ensures the production of one pipe does not stop, even if the production of second pipe is stopped due to any reason. Thus, making the wastage low. It is made of stainless steel
- Separate vacuum pump and water pump for two different vacuum chambers

Technical Specifications

Main Specifications				Conical Twin Screw Extruder					
Machine Model	Min. Pipe OD (mm)	Max. Pipe OD (mm)	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)	
AG 51/105	16	50	170	150	22.5	15	8	1-37	



Dual Pipe Die Head

- Die head for smaller sizes of pipe ranges from 16mm-50mm with stainless steel spider
- It ensures the production of dual pipe out of one mould, thus making the cost of production low
- It has reasonable flow channel design and special treatment on the surface
- Special flow channel design ensures the equal distribution of PVC in both moulds
- Melt temperature and pressure remain even



Dual Pipe Haul-off

- Its construction ensures the traction of two different pipes at two different speeds thus enabling the production of pipes of different diameter
- Drive is given through four geared motors to all four belts and synchronized with the help of AC frequency variable drive
- Gap between two tracks is adjusted through pneumatic cylinders

Dual Pipe Cutting Unit

- Its construction ensures the cutting of two pipes at different length and at different time
- Length of the pipe can be set with limit switch of tipping chute.
- Functioning is "PLC controlled"
- Special high speed blade for smooth cut



Dual Pipe Tipping Unit

- It is provided with two individual unloading tables, so that both the pipes are stacked at different locations

Vacuum Sizing Tank			Cooling Tanks		Haul - off		Cutting saw	
Pump Drive (kw)	Length (mtrs)	Water Requirement Circulating (ltr/mm)	Length (mtrs)	Pump Drive (kw)	Drive Range (kw)	Polling Speed (mtr/min) Range I	Saw Dia (mm)	Saw Drive Load (kw)
2.25x2	5x2	100x2	5x2	2.25x2	0.75x4	2 to 6	300	0.75x4

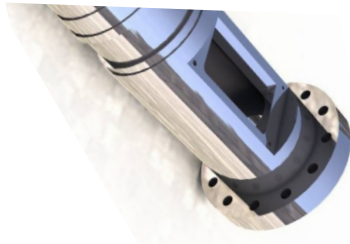


High Speed HDPE Extrusion Line

We offer high speed HDPE extrusion line which is available in different models such as AG 45G, AG 65G, AG 75G, AG 90G. The machine finds usage in the extrusion of polyolefin plastics. The plasticized capacity of the extrusion line ranges from 175kg/hr to 600 kg/hr.

Features:

- Easy operation Optimum performance Durable
- Low power consumption Corrosion resistance



Screw & Barrel

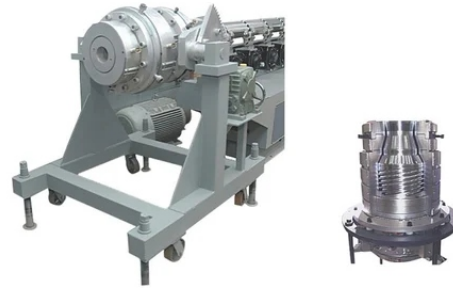
- The screw adopt barrier type mixing zone
- The barrel feeding zone is groove feed bush and made of hard alloy.
- It results in higher output rates, homogeneous plasticizing and less material slippage
- Bi-metallic screw & barrel can be provided for two-three times more life-span than nitrided screw & barrel

Technical Specifications of High Speed Single Screw HDPE Pipe Extrusion Plant

Main Specifications				Conical Twin Screw Extruder					
Machine Model	Min. Pipe OD (mm)	Max. Pipe OD (mm)	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)	
AG 45G	20	110	150	140	37	8	4	30-120	
AG 65G	20	200	200	180-200	55	12	5	30-120	
AG 75G	63	250	350-400	350	110	20	15	30-120	
AG 90G	115	630	550-600	550	175	28	22	30-120	

Applications of HDPE Pipe

- Irrigation/Agriculture • Industrial effluents
- Sprinkler system • Tubewells • Slurry transportation
- Portable water supply • Gas transmission
- Sewerage & drainage • Chemical industries
- Telephone cable ducting • Drip, sprinkler and lift irrigation



Spiral Type Die Head

- Spiral type die head ensures stable wall thickness of PE pipe even at higher output
- It can produce pipe up to 630mm
- Low pressure diagonal channel with spiral mixing part ensures extrusion at low temperature and homogeneous plasticization



PLC Control System

- There is an option for the whole line with PLC control system and large liquid crystal screen which makes the operation very convenient



Vacuum Tank

- Special design vacuum sizing tank can ensure the stability of diameter and roundness even when producing the pipe with higher wall thickness.
- The water spray unit produces high speed spray vortex to achieve fine and even cooling effect
- It is of octagonal shape for better strength and uniform vacuum even for higher diameters



Planetary Cutting Saw

- Planetary Saw blade cutting for pipe diameter up to 630 mm.
- Cutting is PLC controlled
- Saw dust powerful sucking device
- Special hard alloy saw blade employed to cut heavy caliber thick wall pipes



Multiple Arm Haul-off

- Haul-off can be supplied with multiple arms-maximum up to six for diameter of 630mm
- Multiple arm haul-off ensures the perfect roundness even of higher diameter



Double/Single Station Coiler

- Double station coiler can be provided for diameter up to 63mm. Single station coiler can be provided for diameter up to 110mm

Vacuum Sizing Tank			Spray Bath		Haul - off			Cutting saw	
Pump Drive (kw)	Length (mtrs)	Water Requirement Circulating (ltr/mm)	Length (mtrs)	Water Requirement Circulating (ltr/mm)	Drive Range (kw)	No.of Arms		Saw Dia (mm)	Saw Drive Load (kw)
						Option 1	Option 2		
2.25	6.0	450	6	450	3.7	2	-	400	0.75
2.25	6.0	450	6.0	450	3.7	2	-	500	1.5
2.25*2	6.0	600	6.0*2	1000	5.5	3	4	200	3
2.25*2	6.0+6.0	1200	6.0*3	1500	7.5	-	6	200	5.5



FUTURE DEPENDS ON PRESENT ACTIONS





Production Line Technique Index For Round Inline Drip Pipe

Extruder	65 mm/37 kw/150 kg/hr
Normal Line Speed	18-54 mts/min
High Line Speed	20-80 mts/min
Cylindrical drippers maximum Transmission speed selection	300/min (Servo Controlled)
Complete line controlled	10-3" PLC touch Panel
Emitter spacing	20 cm above set arbitrary (Variable pitch settings by touch screen)
Tractor speed	4-80 m/min
Drilling speed	90/min
Highspeed drilling	200/min
Line length	28 m/34 m
Vacuum tank	4 mtrs (Stainless steel)
Water tank	6/6x2 (Stainless steel)
Double station coiler	500 mtrs - coil
Rated power	65 kw



Salient Features of Round Inline Drip Pipe Extrusion Line

- Maximum line speed of 60 mtrs / min for 300 mm dripper spacing
- Complete line is controlled by PLC 10.3" touch panel
- Dripper insertion is controlled by high precision servo motor
- Dripper is automatically screened centrifugally before insertion
- Vacuum tank is of stainless steel (6 mtrs long)
- Drilling is by pneumatic rotary drill
- Haul-off is equipped with pneumatic cylinders to accommodate the dripper inside the pipe while passing through it
- In high speed line two haul-offs have been provided and both are driven by servo motor
- Two station winder with separate torque motor is provided which is perfectly synchronized with the line speed of the machine







Production Line Technique Index For Flat Inline Drip Pipe

Extruder / kw/kg/hr	75 mm/ 55 kw/150-200kg/hr
Line speed	30-90 mts/min
Cylindrical drippers maximum Transmission speed selection	300/min/ servo controlled complete line controlled by-10.3"PVC touch panel
Emitter spacing	20cm above set arbitrary (Variable pitch settings)
Tractor speed	10-120m/min
Drilling speed	250/min
Line length	38m
Line width	3m
Rated power	90Kw
Vacuum tank	5 mtrs (Stainless steel)
Water tank	6x2 mtrs (Stainless steel)
Dripper insertion	Servo controlled
Dripper gluing	Servo controlled
1st and 2nd Haul-off	Servo controlled
Drilling	Servo controlled
Coiler	Automatic coil change



Salient Features of Flat Inline Drip Pipe Extrusion Line

- Maximum line speed of 90 mtrs/min
- Complete line is controlled by PLC 10.3" touch panel
- Dripper insertion is controlled by high precision servo motor
- Dripper is automatically screened centrifugally before insertion
- Vacuum tank is of stainless steel (6 mtrs long)
- Drilling is highly accurate by servo motor and controlled by PLC
- Drive to both the haul-offs is given through servo motor
- Two station coiling in synchronization with the line
- The coiling machine is fully automatic and can change the coils from first coil to the second coil after desired length is complete, and cut the pipe. Hence making the changeover fully automatic







Applications of PVC Compounding

- Medical • Foods packaging • Industrial • Building & construction
- Consumer and institutional



Technical Specifications

Main Specifications		Single Screw Extruder					
Machine Model	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)	
AG 90	120	100	22.5	12	3	20-50	
AG 100	150	140	30	15	3	20-50	
AG 120	225	225	45	20	3	20-50	

For PVC compound of high filler up to 100 3HR, CaCO₃ for PVC profile. Soft PVC compound for cable & moulding

Technical Specifications

Main Specifications		Conical Twin Screw Extruder					
Machine Model	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)	
AG 51/105	180	150	18.5	15	3	1-37	
AG 65/132	170	250	37	24	3	1-37	
AG 80/156	400	350	55	35	4	1-37	

WPC products have already been used successfully in

- many areas
- Building industry
- Furniture industry
- Automotive industry
- Measurement engineering



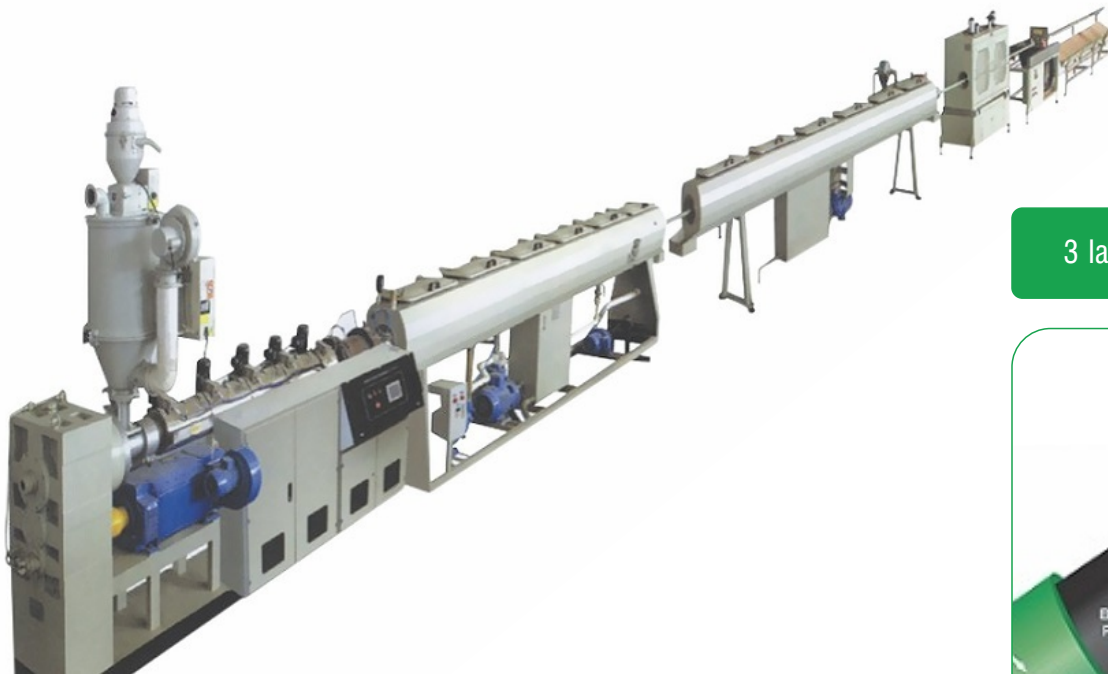
Technical Specifications

Extruder	Main Motor Power (kw)	Production Capacity (kg/hr)
AG 65/132	37	100
AG 80/156	55	150
AG 80/56	110	200



Applications of PPR Pipes

- PPR pipes are used to build hot and cold water systems, including central heating systems • Building heating system, including floor, wall and radiant heating systems • Drinking water supply systems
- In the central (concentration) air-conditioning systems



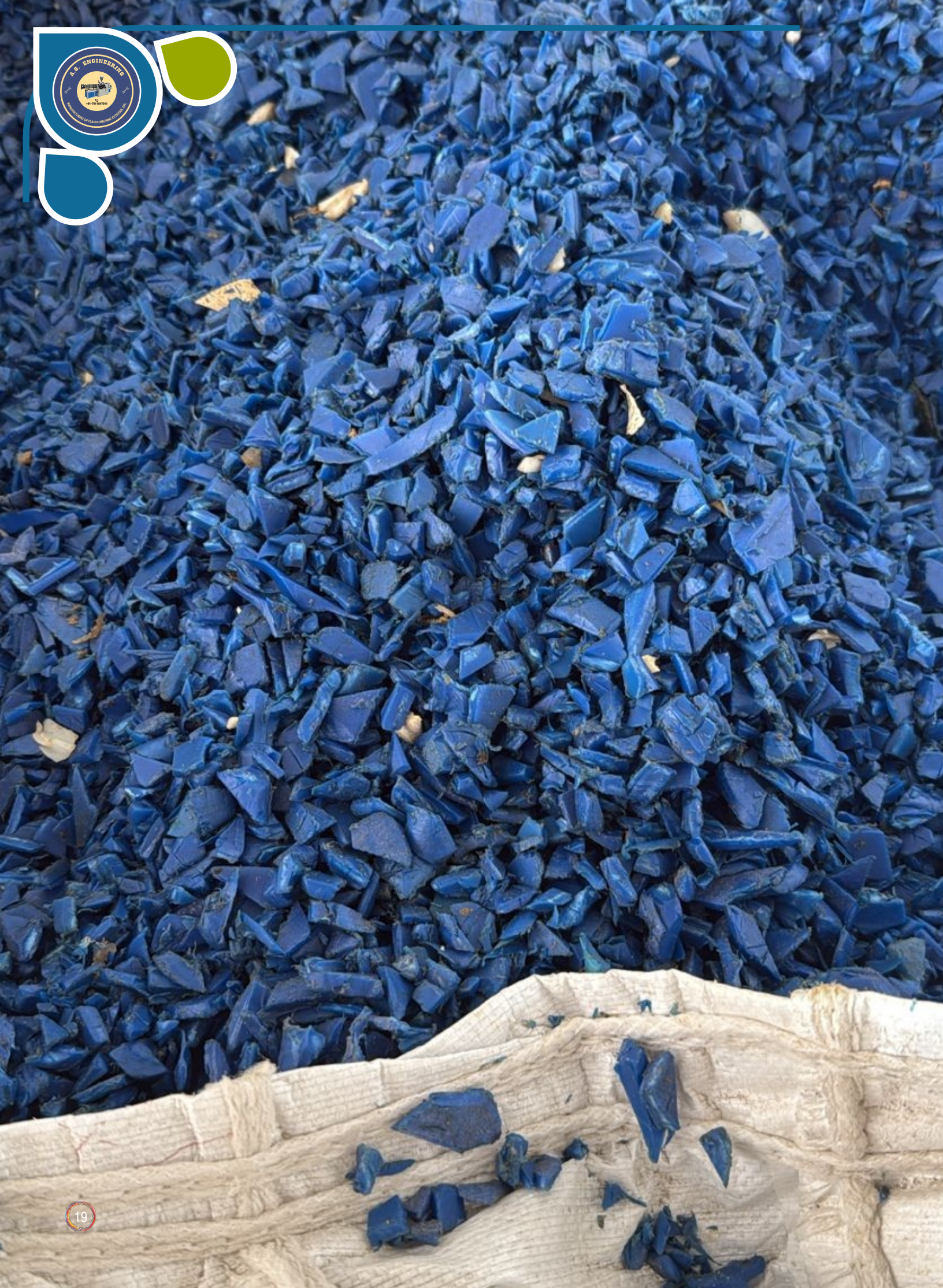
3 layer PPR Pipes



Advantages of PPR Pipe

- PPR-C stands for Poly Propylene Random Co Polymer. It is a water supply pipe used in construction. It is an internationally approved, high quality, environmentally friendly and energy saving pipe
- It is lightweight: Density is 0.89-0.92g/cm³, only i.e. 1/9 of steel pipe, therefore easy to transport and install
- Fine anti-heat performance: It is resistant to extreme heat/ cold and will not deform or give in between - 200 C and +950 environmental temperatures
- Good anti-corrosion property: It is resistant to corrosion and does not rust, decay or erode
- Low heat conduction factor: Heat conduction is 0.23-0.24W/mk at 200C. It is much lower than that of galvanized steel pipe
- It endures to heat and high climatic temperatures. It reserves its original form, flexibility and chemical properties at high temperatures
- Firm pipe fittings connection: Because polypropylene has fine thermal casting performance. Thermal casting between the pipe and pipe fittings with the same material as an integration, it can prevent water from leaking
- The friction correlation is very low, the surface is clean and smooth and will not hold other particles to fill in cavities
- Reasonable price: The price of PPR pipe is near to that of galvanized pipe. The adhesion is very simple and easy by fusiotherm welding. Adhesion is firm and will not affect the inner diameter. In the three layer PPR pipe, the inner layer is anti-bacterial and the outer layer in UV (ultraviolet) rays resistant layer. It can be safely used for a duration of minimum 50 years. It is resistant to long term hot water transmission and under normal environmental conditions, enduring operational heat 700-950. It does not absorb water, therefore may be safely used in hot temperature and humid climates

Technical Specifications					Vacuum Tank		Water Tank			
Model (Groove Feed Type)	Pipe Range (mm)	Capacity (kg/hr)	Main Motor (kw)	Hauling Speed (max. m/min)	Pump Drive (kw)	Length (mtrs)	Pump Drive (kw)	Length (mtrs)	Total Power (kw)	Line Length (m)
AG 65	16-63	90	37	2-8	2.2	6	3.7	-	80	30
AG 75	16-110	125	55	2-8	3.7	6	3.7	6	105	38
AG 90	16-160	160	75	2-8	3.7&2.2	6	3.7	6+6	140	50





Applications Of Reprocesses Plant

- Hips granulas • PP granulas • ABS granulas • LDPE granulas
- HDPE granulas • Polycarbonate granulas • Polystyrene granulas



AG's Vented Type Extruders are specifically designed for Degassing or Devolatilization purposes, thus adding to the functional capability of polymers.

Materials that can be processed from this plant:

PP, LD, HD, PE, HIPS, PS, ABS, PMMA, PC, PA and all types of engineering plastic

With many years of design, manufacturing experience and apponginternational advanced technctog, our company has developed diferent series of extruder on the basis of accepting the users suggestions. The special high efficiency venting somewe are selected for this series of nachire, which has excellent venting performance, and good plasticization, it is sutable for PPLD HD, PE, HIPS, PS, ABS, PMMA, PC, PA and al types of engineering plastic. It is especially satable for processing the reclaimed muteria so as to reduce me cost of product greatly

When melted, many polymers amit vapors and gases which must be removed to prevent bubbles in the product. This can be accomlishet in several ways-pre drying ahen is not sufficient and venting during extrusion is a great solution. The screw is designed from maximum ficiency and maximum mieing in conveying of the material with negigbit heat. Its used for degas ang of moisture and volalile voogh vert

Model	Production Kg/hr	Diameter Of Screw	Main Motor (kw)	Heating Load (kw)	Hydraulic Screen Changer Inch/hp)	L/D RATIO	Heating Zone	Rotating Speed
Extruder 90	80-100	90	22.5	15	8/3	33.1	6	50-70
Extruder 100	125-150	100	30	18	8/3	33.1	7	50-70
Extruder 110	150-175/200-225	110	37/55	22	8/3	33.1	10	50-70
Extruder 120	200-220/250-300	120	55/75	32	10/5	30.1	10	50-70
Extruder 130	400-500	150	110	40	10/5	30.1	14	50-70

Applications Of Reprocesses Plant

- Hips granulas • PP granulas • ABS granulas • LDPE granulas
- HDPE granulas • Polycarbonate granulas • Polystyrene granulas

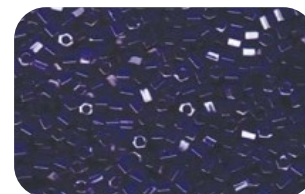
Production 200 kg/hr for RAFIA, LD, HD, PP Paper from Waste
Two Stage Cascade Type Recycling Plant Wies Force Freeder and Dual Screw Diameter

- For the first tree in india, production up to 200kg from special design "DUAL DIAMETER OF SCREW ferrepmccessing fo RARA, HO, LD. PP Paper for waste
- Two stage recycling plants is very useful for polymers which needs more filtration and the output of the material corneste a uniform flew
- The design eliminates or minimizes the sheedong, gindieg, densification and other preparation functions
- The combination of the greater feed capacity of the large diameter plasticizing section provides an effective and economical reprocessing
- Technique is based on "TWO STAGE EXTRUSION for exceliont filtration and material properties



Screw Design

DUAL DIAMETER (145 mm-110mm) design with a large diameter feed transitioning down to the smaller diameter main processing section. The flights are hard surfaced with Gas Nitriding with hardness from 65 HRC-68 HRC



Model	Production Kg/hr	Diameter Of Screw mm	Main Motor (HP)	Heating Load (kw)	Hydraulic Screen Changer Inch/hp)	L/D RATIO	Heating Zone	Rotating Speed	Rotating Speed	Feeding Motors(HP)
Extruder100	140-150	135/500	40	18	7/3	110	20	6	10	2
Extruder110	150-175	145/110	50	22	8/3	120	30	8	12	2
Extruder120	175-200	170/120	75	28	10/5	125	40	12	14	3
Extruder120	250-300	200/150	100	35	10/5	160	50	16	16	3



Applications Of Reprocesses Plant

- Hips granulas • PP granulas • ABS granulas • LDPE granulas
- HDPE granulas • Polycarbonate granulas • Polystyrene granulas



This machine is used for recycling of woven bag/ PP Raffia. The bag can be led directly without crusting. No grinder or agglomerator is required. Extruder is vented type for removal of volatile gases from the waste material. It is fitted with screen change for better performance

Model	Belt Conveyor	Conector Motor (kw)	Production Kg/hr	Dia Screw (mm)	Main Motor (kw)	L/D Ratio	Hydraulic Screen Changer	Water-ring Pelletizer Load (kw)	Vibrating Screen Motors Power (kw)	Dehydrating Machine Motors Power	Pump Conveying System Motor
Extruder 110	Magnetic frame with 1.1 kw motor	55	200	100	45	33.1	8/3		1.75	5	3
Extruder 120	Magnetic frame with 1.5 kw motor	55	300	110	75	33.1	10/3	2.2	2.2	5	3
Extruder 120	Magnetic frame with 1.5 kw motor	75	400	120	100	33.1	10/3	3.7	3.7	5	3.7



Eco-friendly Washing before reprocessing





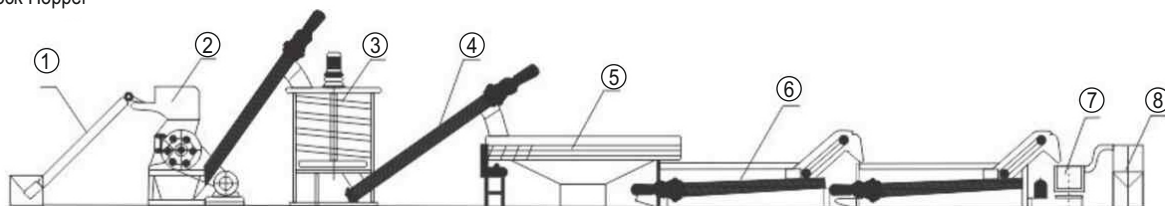
Applications Of Automatic Washing Line

• Pet Film • Plastic Bottles • Blisters • Packaging Tray • Pet Strips



Pet Bottle And Sheet Products Wash, De-watering, Drying Sketch of The Flow Chart

• Conveying Belt • Crusher • Electric-Heated Washing Machine • Helical Feeder (Two) • Vertical Crusher • Double-screw Washing Machine (Two) • De-watering Machine • Stock Hopper

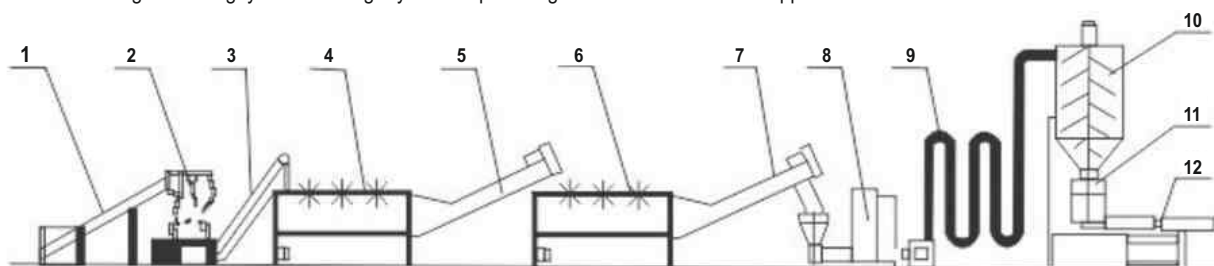


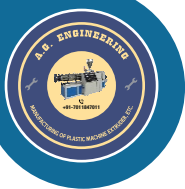
Process of Washing Line for PET Bottles

- Horizontal transporting built (The workers can select the different bottles and org dirty material on this moving table and there is metal collector this)
- Magnetic collector (To collect the metal moed in bottles)
- Conveying belt (To transport the PET bottles to label separator and pre-wather)
- Label separator and pre-washing machine before crusher
- Conveying belt (To convey PET bottles to crusner)
- Crusher (By this processing the caps and paper label can be separated hom the bottlos and PET boties are crushed into flakes with water)
- Feeding Screw under crusher (To convey PET flakes after crusher to fio. 1 Rinsing washer)
- No.1 Rinsing washer (With cold walet, some caps and paper label ottich are separated from PET boties by crushing can be removed. Because of PP caps and paper label are lighter than PET Bakes. They are on the top of the tank. There are four rectangle outlets with on the top of tank)
- Feeding strove (To convey PET flakes after No.1 Rinsing washer to Agitating washer)
- Agitating washer (Hot water water inside can be heated and some washing detogent can be put nito as well. Some paper label that am still stuck on bottles can be loosed and removed)
- Feeding screw (To convey PET fakes from Agitating washer to Horizontal friction washer)
- Horizontal friction washer
- No.2 Rinsing wash (With cold water, some labels, caps and dirty material that's separated from PET sakas by agitating and detergere can be removed)
- Dehydrating machine
- No.3 Rinsing washer (w cold water, some laberis, caps and dirty mucanian that is soparated from PET falies by agitating and detergent can be removed)
- Vibrating sieve
- Puring conveyng syste
- Hopper
- Control cabinet

Piece Crishing, Washing, De-watering And Pelletizing Process for PP/HD/LD

• Raw matanais comwyng (With magnetic metal frame) • Crushing • Friction washer • No.1 Rinsing washer (With eleubical heater) • Spiral feeding • No.2 Rinsing waster • Suical feeding • Cenntag tydro-extracting dryer • Pump feeding with electrical heater • Hopper





Applications Of Cable

- Electrification • Automobiles • Engineering



Two Layer Die Head



Counle Pass Type Coling Unit

- Stainless steel construction
- Cable is repeated wrapped around the deflection pulley
- Water flow controlled by manually adjusted vales



Capstan

- Efficient transmission of the tractive forces
- Smooth transmission force
- Essential for the best possible production
- Cable diameter ranges from 10mm to 50mm

Capstan Specification

	AG 400	AG 630	AG 800	AG 1000
Wheel Dia	200	630	800	1000
Max. Traction Force (kg)	400	500	800	1000
Max. Dia Of Cable (mm)	10	20	30	40
Max. Speed (mm)	400	250	150	80
Ac Drive (HP)	2	3	5	75

Extruder Specifications

Model	Motor Load (Hp)	Max RPM	L/D Ratio	Heating Load (kw)	Product Kg/hr PVC	Product Kg/hr PVC
45/30	10/5	70/70	26/26	10/5	60	-
45/45	10/10	70/70	26/26	10/10	80	50
65/45	20/10	70/70	26/26	12/10	120	85
100/65	40/20	60/70	26/26	22/12	280	200



Cross Head

- Fixed Center Or Die Center

Haul-off Caterpillar

- Pneumatically operated
- Irregularities can easily pass through
- Perfectly synchronized with the main extruder

Screw Design

- Barmer design of screw gives homogeneous mixing
- Groove design of barrel gives high output
- A.G's extruder gives high output value with excellent lindarly. Extruders are fitted with powerfular blowers with jacket for perfect temperature control
- Efficient production over a wide product range
- Excellent result for insulation grade PVC. Sheathing grade PVC XLPE, LOPE FRLS and NYLON

Extruder Specifications

Model	Motors Load (HP)	Max RPM	L/D Ratio	Heating Load (kw)	Product Kg/hr PVC	Product Kg/hr PVC
AG 30	5	70	26	5	20	-
AG 45	10	70	26	10	40	25
AG 65	20	70	26	12	80	60
AG 75	30	70	26	16	120	90
AG 90	40	60	26	20	150	115
AG 100	40	60	26	22	200	140
AG 120	60	60	26	30	350	250

Haul-off Caterpillar Specifications

	Cat-4	Cat-8	Cat-12	Cat-16	Cat-30
Max Line Speed	200	160	125	100	80
Max Traction Force	400	800	1200	1600	2000
Max. Cable Opening (mm)	60	100	120	160	160
Gripping Length	900	1200	1500	1800	2100
Width In Belt	80	100	120	160	160
Drive(HP)	3	5	7.5	10	15

Application Of PVC Profile

- windows • Bath Door • Office Sealing
- Interior Partition And Decoration



Profile is used in various applications like ball doors, window, office sealing, interior partition and decoration. A.G. Engineering is a leading manufacturer of complete machinery for PVC Profile with production capacity of up to 200 kg/hr and maximum panel size of up to 32", Conical Twin Screw Extruders are reputed worldwide for superior quality production and enabling higher calcium loading, thus reducing the manufacturing cost substantially. A.G. Engineering has successfully installed more than 50 Conical Twin Screw Extruder and more than 1400 Single Screw Extruder in India and abroad.

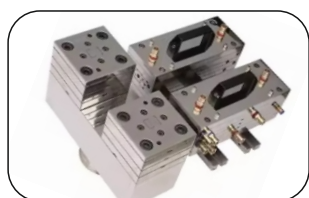
Technical Specifications

Main Specifications		Conical Twin Screw Extruder				Vacuum Sizing Stand		Pneumatic Type Haul-off		Cutting Saw	
Machine Models	Max Panel Size	Max Plastic Sizing Capacity (kw/hr)	Max Output (kw/hr)	main drive (kw)	Screw Speed Variation RPM	Pump (kw)	Length (mtr)	Drive (kw)	Width of Belt (mm)	Drive (kw)	Diameter of Screw (mm)
AG 65	8"	45	35-40	11	15-30	3.75	2	1.5x2	200	0.75	350
AG 75	8"	60	50-55	15	15-30	3.75	2	1.5x2	200	0.75	350
AG 120	30"	200	150-160	45	15-30	7.5	3	5	800	1.5	300
AG 51/105	12"	160	80-100	18.5	5-37	3.75	3	3	200-300	0.75	350
AG 65/132	30"	170	150-145	37	5-37	7.5	3	7.5	800	1.5	300



Application Of Pvc Trucking Extrusion Line

- Slotted PVC Trucking • Facilitates systematic wiring
- Permits faster connection, additions and fault tracing of wires
- Avoids bunching and taping



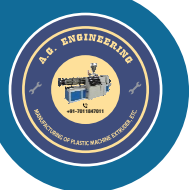
Our PVC trunking extrusion line is offered in various models for different sizes and different production capacities. We offer single screw and twin screw extrusion lines for trunking. The latest extrusion line offered by A.G. Engineering is to produce two sets of trunkings (Top & bottom) out of one machine at the same time. It helps in bringing down the production cost considerably.

Salient Features:

- Barrier design (Double thread screw for PVC trunking pipe for consistent metal homogeneity, excellent process control and stability for uncompromising end-product quality)
- Output rate up to 130 Kg/hr

Technical Specifications

Main Specifications		Extruder							Vacuum Sizing Tank		Haul-off		
Machine Models	Min. Size (mm)	Mix Size (mm)	Max Plastic Sizing Capacity (kg/hr)	Max Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Die (kw)	Screw Speed Variation (RPM)	Pump Drive (kw)	Length (mtr)	Water Requirements Circulating	Belt Width (mm)	Drive (kw)
AG 65	16x16	25x32	45-50	35-40	11	8	3	5-30	2.25	3	300	100	0.75x2
AG 75	16x16	50x50	60-70	55-60	15	11	4	5-30	3.7	3	400	100	1.1x2
AG 51/405	16x16	100x50	170	60-130	18.5	15	5	1-37	3.7	3	400	150	1.5x2
AG 45/90	16x16	50x50	90	60	15	11	3	1-37	3.7	3	300	100	1.1x2
Dual 51/105	16x16	50x50	170	130	22.5	15	8	1-37	2.25x2	3	400	100	1.1x4



- Application of Double Wall Corrugated
- Storm water drain pipes
 - Sewer pipes
 - Cable conduits



Technical Specifications

Name	Extruder	Mould (ID)	Corrugator							Water Tank	Cutter
	AG 120x33	AG 90x33	PE 225	PE 300	PE 400	PE 500	PE 600	PE 700	AG 1000	LQB 1000	QB 9030
Dimension (LxWxH) mm	4100x800x3000	3780x600x3000	-	-	-	-	-	-	7500x2800x3500	4000x1400x2100	4252x2100x2400
Total Power (kw)	300 (Max)	200 (Max)	-	-	-	-	-	-	60 (Max)	5.5	7.5
Model	AG 90X33	AG 90X30	PE 200	PE 225	PE 300	PE 400			SBCJ500	LQB500	7.5QG6030
Dimension (LxWxH) mm	3780x600x3000	3400x560x300	-	-	-	-	-	-	4600x2120x2180	2000x1000x1500	4252x2100x2400
Total Power (kw)	200 (Max)	110 (Max)	-	-	-	-	-	-	20 (Max)	4	5.5

Application of LLDPE Lay Flat

- Air lines • Chemical lines • Fluid lines • Food & beverage
- Hospital uses • Laboratory uses • Wire jacketing



Technical Specifications		Extruder			Water Tank		Haul-off	
Machine Models	Pipe Range	Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Die (kw)	Screw Speed Variation	Length (mtr)	Motor (kw)
AG 75	2"-8"	50-60	15	8	2	15-45	3	1.5
AG 90	2"-8"	80-100	22.5	10	2	15-45	4	2.2
AG 100	2"-8"	125-150	30	14	3	15-45	4	2.2
AG 75/45	2"-8"	60-70	15/5	8/5	3	15-45	3	1.5
AG 90/55	2"-8"	100-120	22.5/7.5	10/5	3	15-45	4	2.2



High Speed Mixer

- A complete range of fully automatic mixer unit for the production of both rigid and plasticized PVC dry blends
- The compact unit is monoblock construction
- A unique mixing impeller using aerodynamic principles gives a rapid mixing action and fast frictional heating
- Inner stainless steel and water jacket to attain equilibrium temperature

High Speed Mixer

Mixer	Extruder	Extruder	Water Tank	Water Tank	Haul-off
Bowl-Gross Volume	Lts.	150	200	250	500
Bowl-Working Volume		100	160	190	400
Mixing Tool Capacity	R.P.M.	720	720	720	720
Motor Capacity	HP	20	30	50	100
Motor Speed	R.P.M.	1440	1440	1440	1440



High Speed Cooling Mixer

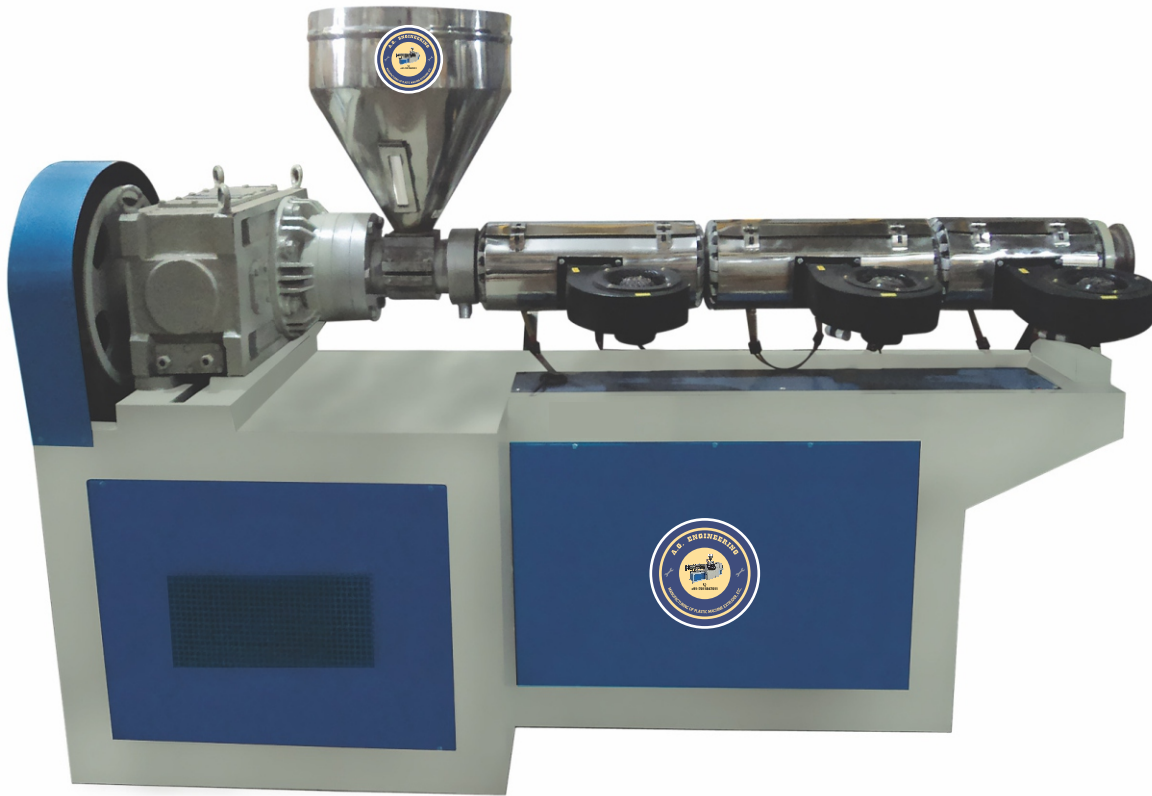
- A complete range of fully automatic mixer/cooling units for the production of both rigid and plasticised PVC dry blends
- The compact unit are mono-block construction
- The combined unit consists of a separate mixer, cooler and operators platform giving flexibility for installation and maintenance
- A unique mixing impeller, using aerodynamic principles, gives a rapid mixing action and fast frictional heating
- The cooler with large water cooled surfaces gives a cooling time generally faster than the mixer heating time

Heater Cooler Mixer Combination Mixer / Cooler Unit

		HSM 100 CM 200	HSM 165 CM 300	HSM 200 CM 500	HSM 300 CM 600	HSM 500 CM 1000
Mixer		HSM 100	HSM 165	HSM 200	HSM 300	HSM 500
Bowl-Gross Volume	Lts.	100	165	200	300	500
Bowl-Working Volume		80	132	160	190	400
Mixing Tool Capacity	R.P.M.	720	720	720	720	720
Motor Capacity	HP	20/5	30/7.5	40/10	60/15	75/20
Motor Speed	R.P.M.	1500	1500	1500	1500	750

Application of Garden Pipe Plant

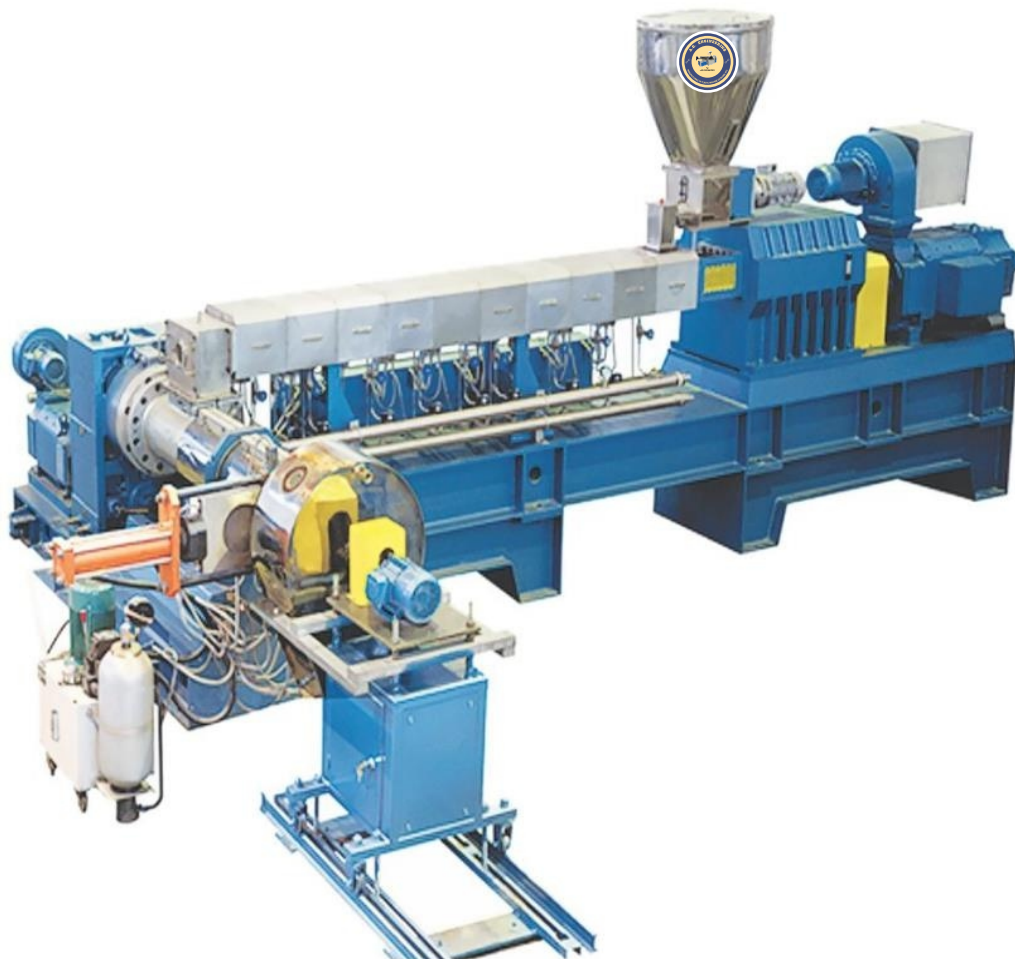
- To provide water connections to bathrooms, kitchens, sinks and lavatories
- Water supply and distribution in complexes, houses, flats, offices, hotels etc.
- Hospitals and public places
- Water distribution in villages and colonies through wells and over-head tanks

**Technical Specifications**

Main Specifications			Extruder				Water Tank	Haul-off
Machine Models	Pipe Range	Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Die (kw)	Screw Speed Variation	Length (mtr)	Motor (kw)
AG 75	½"-2"	50-60	15	8	2	15-45	3	1.5
AG 90	½"-2"	80-100	22.5	10	2	15-45	4	1.5
AG 100	½"-2"	100-130	30	12	2	15-45	4	2.2
AG 75/45	½"-2"	70-80	15/5	8/5	3	15-45	3	1.5
AG 90/55	½"-2"	120-130	22.5/7.5	10/5	3	15-45	4	2.2

Application of Co-rotating Twin Screw Extruder

- Plastic and polymer application Direct compounding
- PVC soft cable grade compounding
- Inline compounding • Compression and injection molding • Film and sheet extrusion • In production of master batches, natural and wood fibre composites, plastic alloys, etc. • Recycling



Features of Co-rotating Twin-screw Extruder: Homogeneity, plasticization, filling modification, enhancement, recovery and granulation

- The newly designed torque distribution system, high-precision grinding of hardened gear teeth, and the interlocking of lubrication system are among the reasons for the good reliability of gearbox
- Both screws and barrels are designed using the building block principle. The screw configuration, barrel setup, screw L/D, the number and protocol of feeding and venting, screen change, way of granulating, and the electric control mode are optimally adjusted according to different material properties and process requirements, in consideration of the machine's versatility in other general applications
- Matched with single screw feeder or twin screw feeder; feeding smoothly and ensures easy operation
- It is provided with die face cutter and vibratory sieve

Model	20	30	35
Screw Diameter (mm)	21.7	30	35.6
Rotary Speed (RPM) Max	600	400	600
Main Motor Power (kw)	4	11	11/15
L/D	32-40	18-48	32-48
Capacity (kg/h)	2-10	5-30	10-80



- Polymer with 80% Talc in single process
- Polymers with 50% Glass Fibre in single process

A.G. ENGINEERING introduces Co-rotating Twin Screw Extruders for economical production of long fibre reinforced components.

Benefits

- Longer L/D ratio results in optimum power consumption and higher production
- Co-rotating twin screw extruder is best suitable for the material that needs rigorous mixing like different master batches
- It can be fitted with up to 3 side feeders to add talc up to 80%, or glass up to 50%, or other materials to add different properties to the material

50	65	72	92
50.5	62.4	71.2	91
500/600	400/500	400/500	400/500
37/45	55/75	90/110	220/250
32-48	32-48	32-48	32-40
20-150	100/300	300-600	600-1000

Applications of PVC Pipe

- Drain-waste-vent (DWV) • Sewers • Water mains
- Water service lines • Irrigation • Various industrial installations • Electrical conduit SWR pipe
- Electrical piping system • Underground duct



Caterpillar

- Drive is given through separate geared motor for both the rollers of the haul-off
- It prevents wrinkles on pipe and gives smooth flow of the pipe

Main Specifications

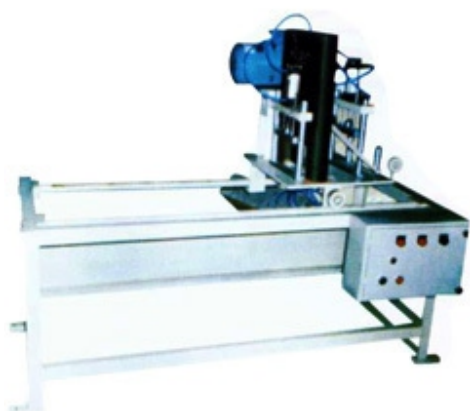
Extruder

Machine Model	Min. Pipe OD (mm)	Max. Pipe OD (mm)	Max. Plasticizing Capacity (kg/hr)	Max. Output (kg/hr)	Main Drive (kw)	Barrel (kw)	Heating Die (kw)	Screw Speed Variation (RPM)
AG 65	16	50	60	40	11	8.00	2	15-35
AG 75	40	110	90	70	15	12	5	15-35
AG 90	63	160	120	100	22.5	15	5	15-35
AG 100	63	200	140	120	36	18	5	15-35



Die head

- Die head for smaller sizes of pipe ranges from 16mm - 50 mm with stainless steel spider.
- Dia head for bigger sizes of pipe ranges from 40mm - 160 mm with stainless steel spider
- Lattice type die head specially designed for PPRC pipe.



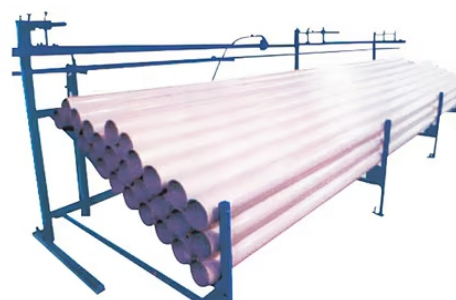
Cutting Saw

- Fitted with pneumatic cylinder for proper gripping
- Limit switch is provided to sense the preset length of the pipe



Cooling Unit

- Vacuum tank for smaller sizes of pipe ranges from 16 mm - 50 mm for better control and proper sizing of the pipe.
- Water tank with sprays and without sprays for cooling of the pipe.



Tipping Chute

- Fitted with pneumatic cylinder for proper gripping.
- Limit switch is provided to sense the preset length of the pipe

Vacuum Sizing Tank			Spray Bath		Haul - off		Cutting saw	
Pump Drive (kw)	Length (mtrs)	Water Requirement Circulating (litr/mm)	Length (mtrs)	Water Requirement Circulating (litr/mm)	Drive Range (kw)	Pulling Speed (mtr/min) Range 1	Saw Dia (mm)	Saw Drive Load (kw)
0.75	3	450	-	-	0.75	0.5 to 2.0	300	0.75/2800
-	-	-	3.0	450	1.5	0.4 to 2.0	400	0.75/2800
-	-	-	4.0	500	2.2	2 to 6	500	1.5/2800
-	-	-	4.0	500	2.2	2 to 6	500	1.5/2800



Barrier Screw (Double Thread)

This eliminates unnecessary degradation and has improved rate, lower melt temperature, and improved melt quality.

Suitable for PVC Pipe (Rigid/Flexible), PVC Profile (Rigid/Flexible), PVC Cable, ABC, Polythelene



Single Thread Screw

Screws are specially designed with different compression ratios for different end products.

Suitable for PVC Film (Soft/Rigid/Shrink), PVC Profile (For wood pattern), Compounds (All kinds of compounds), Injection moulding screws



Moddoc Barrier Screw

This screw is specially designed for materials that require rigorous mixing.

Suitable for HDPE Pipe, XLPE Cable, Lay Flat Pipe, LLDPE Tubing, PP Film, HM.



Conical Twin Screw

Conical twin screw are best suited for PVC pipe, Profile, and Compound & sheet. It can be provided with the same fitting size as of CM55, CM65, CM80. It gives homogeneous mixing for PVC.





Vented Screw

It is best suitable for recycling of PP/HD/LD/HIPS/PC/ABC and other engineering compounds. The screw is designed for maximum efficiency and maximum mixing in conveying of the material with negligible heat. It is used for degassing of moisture and volatile through vent.



Maillefer

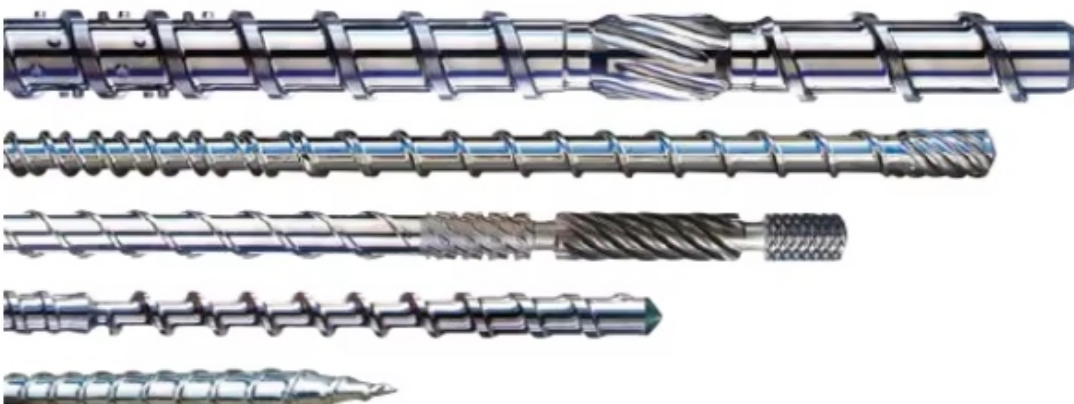
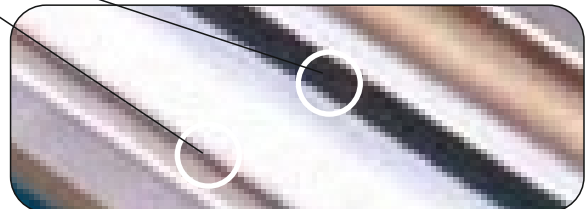
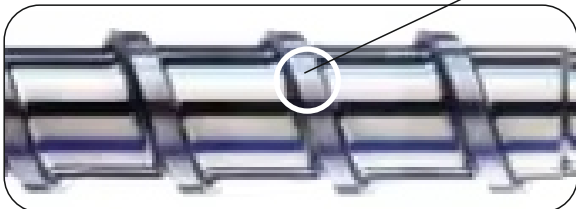
Maillefer original Nokia design for high output & better mixing of cables.

Bimetallic Screw & Barrel

Bimetallic layer on surface of screw and barrel gives high wear resistance to abrasive material. This results in long life period of screw and barrel. The maximum layer of bimetallic can go up to 6 mm. It is highly beneficial for manufactures using high filled compounds such as calcium carbonate, glass filled.



Bimetallic Layer





Conclusion

At A.G. Engineering, we stand by a principle that defines who we are: every machine should be as unique as the challenge it's built to solve. In today's fast-evolving industrial landscape, where demands are specific, timelines are critical, and performance is non-negotiable, we have positioned ourselves as more than just manufacturers—we are solution providers, innovation partners, and long-term allies in our clients' growth journey. What truly sets us apart is our deep commitment to custom-engineered machinery. We understand that each client comes to us with distinct requirements—be it a specific production output, space constraint, material challenge, or integration need. We treat every project as a fresh opportunity to innovate, working side-by-side with our clients to design and build machines that precisely match their expectations.

This approach goes beyond technical specifications; it's about developing a deep understanding of our client's vision, processes, and challenges and then crafting solutions that support them in achieving their goals with unmatched reliability. Our infrastructure is equipped with state-of-the-art manufacturing capabilities and a team of passionate engineers and technicians who bring decades of domain knowledge to the table. Whether we are developing a completely new extrusion plant, modifying existing machinery for enhanced productivity, or upgrading systems to meet modern automation standards every component is designed, tested, and refined to the highest standards of precision and durability. But beyond the machinery itself, it is the trust and confidence our clients place in us that we value the most. Over the years, we have built enduring relationships across diverse industries because our clients know they can fully rely on us—not just to deliver machines, but to deliver performance, reliability, and peace of mind. From initial concept to installation and long-term support, our clients rest assured that A.G. Engineering will always stand behind every product we build, and every promise we make. Our reputation has been forged through consistent delivery, transparent communication, and a relentless focus on client satisfaction. This is why many of our clients return to us repeatedly, not only as their machinery supplier, but as a trusted engineering partner who understands their business and contributes to its success. At A.G. Engineering, we don't chase volume—we chase value. We don't build standard solutions—we build smart, specialized systems that power industries forward. And above all, we don't aim for short-term success—we strive for lasting impact. Because when our clients succeed, so do we. And that's why our clients fully rely on us—time and time again.



"A.G. Engineering has completely transformed our production line."We had a very specific requirement for a custom-built extrusion system, and not only did they deliver exactly what we asked for, but they also optimized it beyond our expectations. The machine runs smoothly, requires minimal maintenance, and their post-installation support is excellent. We now rely on A.G. Engineering for all our machinery needs.

Suhas Maheswari, AM Polymers

"They understood our needs better than we did."A.G. Engineering didn't just build us a machine they built a solution. From the design phase to final commissioning, their team stayed in close communication, offering intelligent suggestions and delivering a machine that fit perfectly into our workflow. Their attention to detail and quality is unmatched.

Gopal, SG Polymers

"A trusted partner, not just a supplier."What we appreciate most about A.G. Engineering is their consistency. We've been working with them for over 5 years and every project no matter how complex—has been handled with professionalism and care. Their machines are reliable, and their after-sales support makes them a company we can truly depend on.

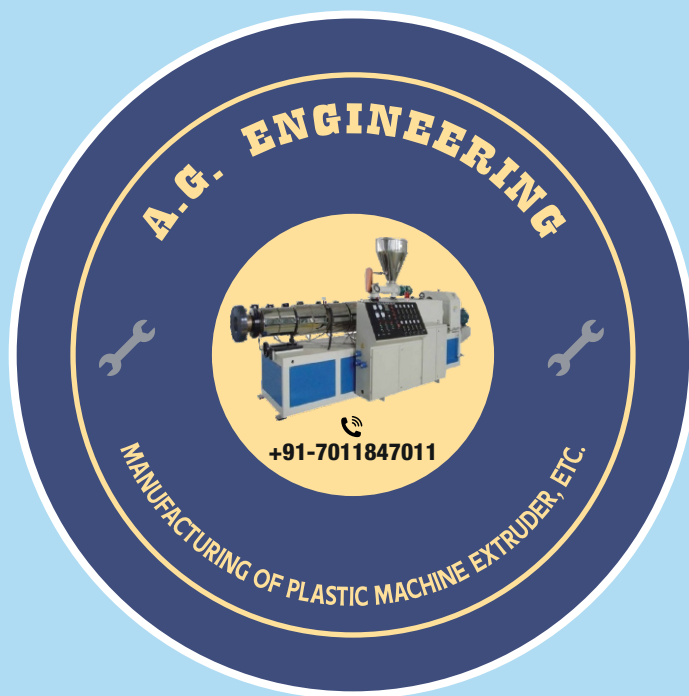
Dinesh Rudrak, DK Industries

"Their customized machinery gave us a competitive edge."Our industry is highly specialized, and off-the-shelf machines simply don't work. A.G. Engineering designed a complete custom solution that significantly increased our output and reduced operational downtime. Their engineers are knowledgeable, responsive, and committed to quality.

Sunil Garg, Garg Plastics

"Exceptional quality and long-term value."We initially chose A.G. Engineering for a small custom job, and we were so impressed that they are now our exclusive machinery supplier. Their build quality is excellent, delivery timelines are accurate, and they truly care about their customers' success.

Sanjay Bansal, GreenPlant Industries



A.G. ENGINEERING

E-123, DSIIDC Industrial Area, Sector 5, Bawana, New Delhi, Delhi, 110039, India

Phone : +91 7011847011

+91 1141085106

+91 9319784308

E-mail : agengineeringwork@agengineeringwork.com

website : <https://agengineeringwork.com/>

For service and support, mail us at agengineeringwork@agengineeringwork.com