

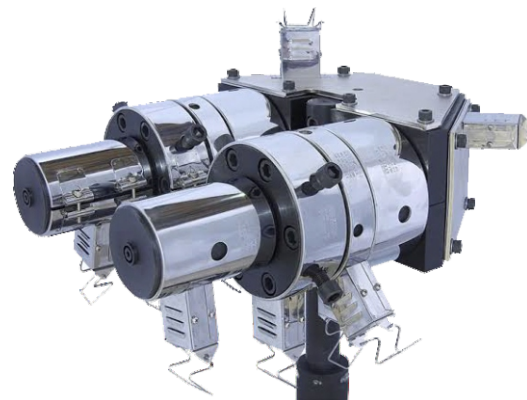
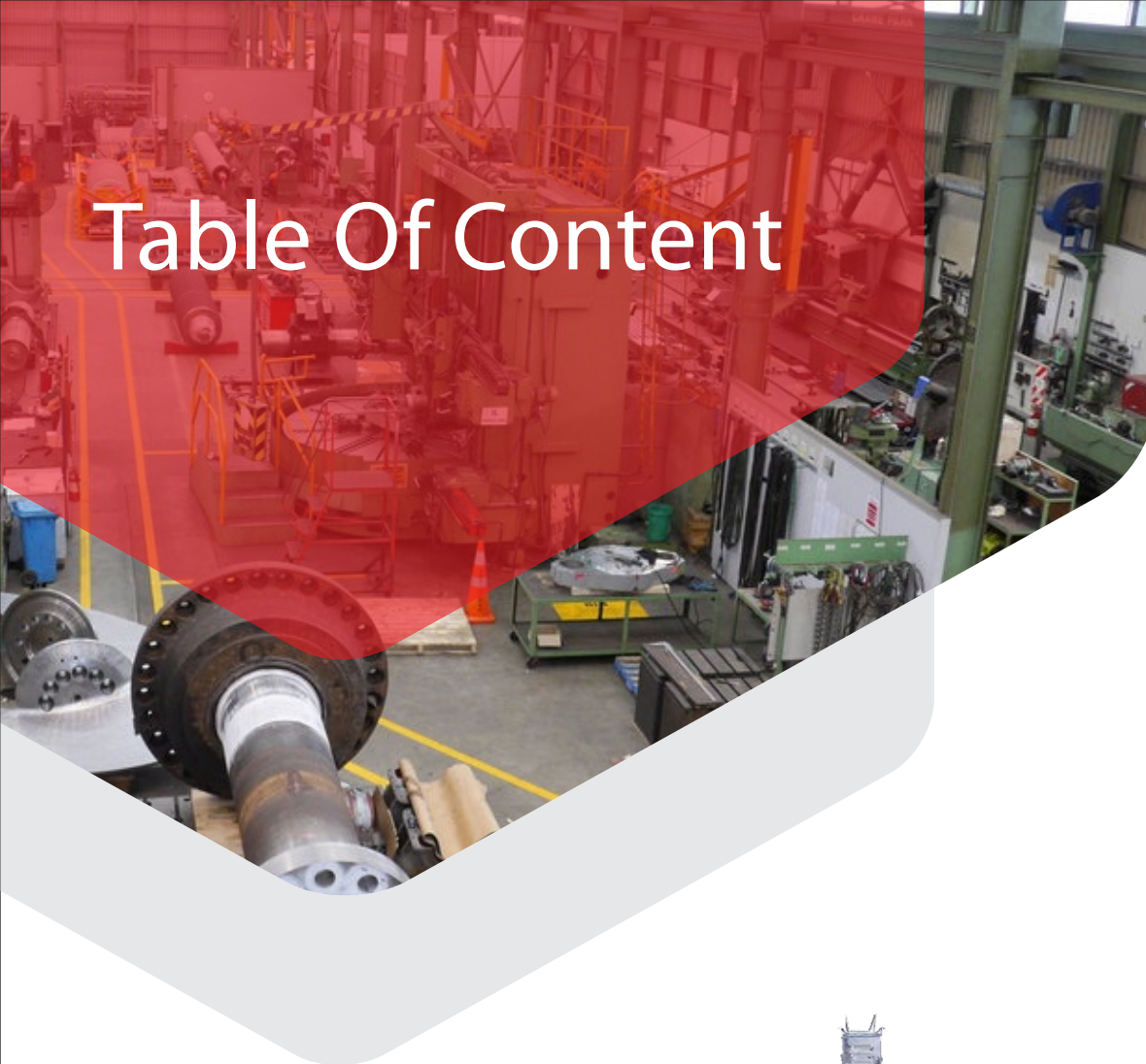
COMPANY  
**PROFILE**

# TUFAIL

## ENGINEERING WORKS

Complete Solution for UPVC, PPRC, HDPE & Garden Pipes

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# ABOUT US

TUFAIL ENGINEERING WORKS is recognized around Pakistan and outside Pakistan as one of the leading manufacturers of Pipe Machinery that is ever ready to undertake even the most demanding projects. Integral to the concept of quality is our adherence to the highest ethical and professional standards, acting as a hallmark of our industry leadership.

Today, by the grace of Almighty, TUFAIL ENGINEERING enjoys a fabulous reputation in the market. Throughout our history, we have excellent relationships through commitment to timeless traditions and timely technology. This pattern of excellence and timely delivery is the blueprint for our achievements in extrusion industry.

Our commitment with client is also backed up by extensive technical support, after sales service and comprehensive level of stock for immediate response to customer's requirements. TUFAIL ENGINEERING has an extensive know-how and a proven track record, serving many renowned customers in as well as outside Pakistan.

# VISION

Our vision is to provide innovation in extrusion industry to all across the world. Like shift extrusion control system from old analog system to latest PLC control system with all automatic parameters. As an organization, our aim is to augment our value proposition and provide our clients with the best user experience.



# Single Screw Extruder

Single screw extruders TEW-Series are widely offered for pprc, hdpe, ldpe, mdpe pipes & pelletizing.

## Main features.

- High L/D ratio ensures good plasticizing effect with screw speed.
- All Barrel zones temperature maintained by efficient air cooling fans
- High power main motor for best output .
- Reliable HMI based PLC control panel system.



Model	Screw Diameter(mm)	L/D	Motor Power	Output(kg/h)
TESE-50	50	30	~ 30	45-70
TESE-65	65	33	~ 55	60-100
TESE-75	75	33	~ 75	80-150
TESE-90	90	33	~ 125	200-300



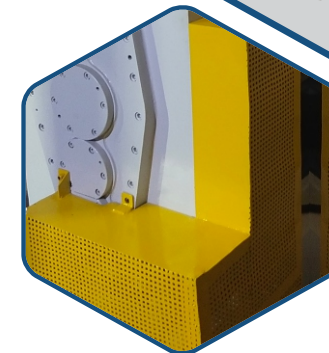
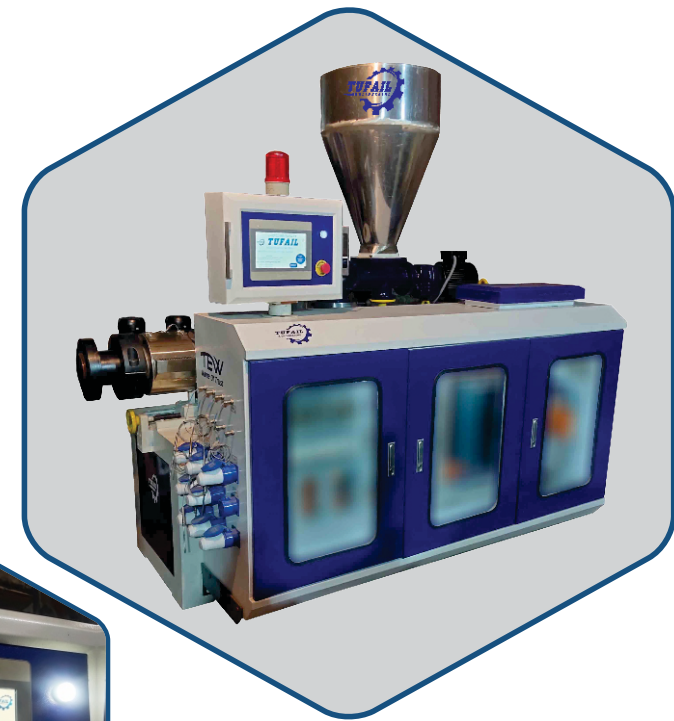
# Conical Twin Screw Extruder

Twin screw conical extruder series are widely offered for upvc pipes, pvc profiles. Pvc sheet & pvc pelletizing.

## Main features.

- Conical screw geometry is used to get optimum gelation of pvc material with processing adds/additives. Results best quality product.
- New main motor & Inverter for best output.
- Bimetallic layers used in screws & barrel for long life
- Barrel zones temperature maintained by high efficient air cooling fans.
- PLC programmable controller and main-machine dialogue touchscreen.
- Automatic fault alarming.
- Soft start and soft stop ensure safe operation.

Model	Screw Diameter(mm)	Screw Speed(RPM)	L/D	Motor Power	Output(Kg/h)
TETS-45	45 x 100	7 - 32	22	~ 22	75 - 100
TETS-55	55 x 120	7 - 32	22	~ 30	100 - 150
TETS-65	65 x 132	7 - 35	22	~ 37	150 - 250
TETS-80	80 x 156	7 - 32	22	~ 55	300 - 375



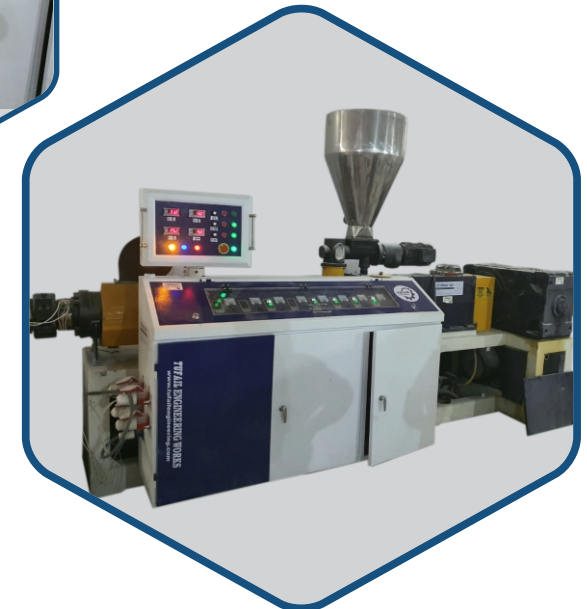
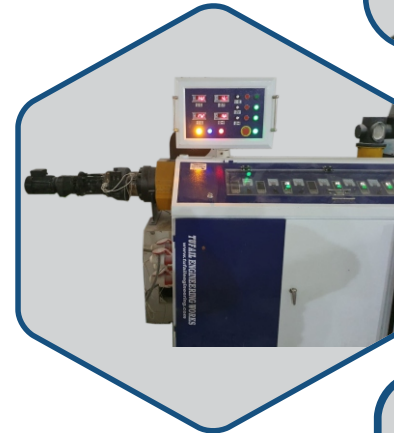
# Twin Screw Granule Machine

Twin screw granule extruder series are widely offered to prepare raw material for upvc pipes and profiles from scrape and high mixing powder.

## Main features.

- Twin screw geometry is used to get optimum gelation of pvc material with processing adds/additives. Results best quality granule.
- TWE made high torque control gear box made with bearings / brass material
- New main moter & Inverter for best out put.
- Easy installation with maintenance for screw and barrels.
- Reliable digital control panel system.

Model	Screw Diameter(mm)	Screw Speed(RPM)	Motor Power	Output(kg/h)
TETS-80	80 x 48	10 - 35	~ 25	75 - 100
TETS-90	90 x 54	10 - 35	~ 30	125 - 175
TETS-100	100 x 60	8 - 38	~ 40	200 - 250
TETS-110	110 x 72	7 - 40	~ 50	250 - 300



# Haul Off Unit

For the different pipe size and different speed requirement , Tufail engineering developed kinds of haul off unit accordingly optional to choose multi caterpillar (2,3,4,6) haul off unit with wide speed range.

## Main features.

- New moter & inverter for best performance
- New speed reducer gear box.
- Specially designed 3 speed Gear Box for control pipe speed.
- Reliable pneumatic control system.
- Latest electric control panel system
- 2 , 3 , 4 , and 6 caterpillar for control pipe round shape.





# Turbo Mixer for UPVC

Tufail engineering works offers wide range of high speed hot & cold turbo mixers, for mix upvc raw material with additives & processing aids. Tufail engineering offers per batch range from 100/200 , 150/300 , 300/600 , 350/700 liters. Used for pvc pipe, pvc window & door profile, pvc cable duct profile etc.

## Main features.

- Stainless steel material drums gives you maximum life without rust/corrosion risk.
- Best pneumatically operated for discharging of material , such as hot and cooling tank.
- New powerfull motor and new inverter for control torque and electric load .
- Advance electric control panel with auto / manual control system.



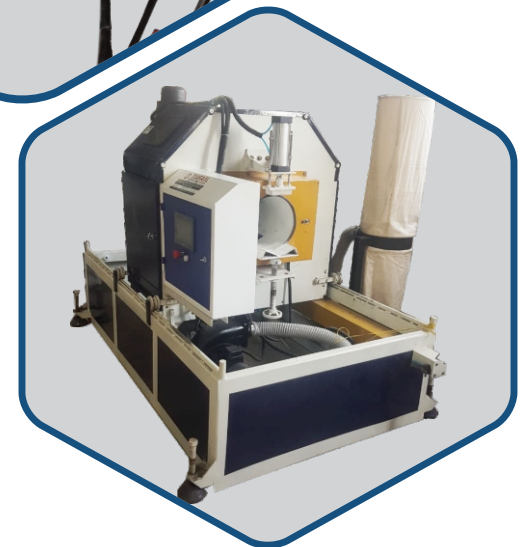
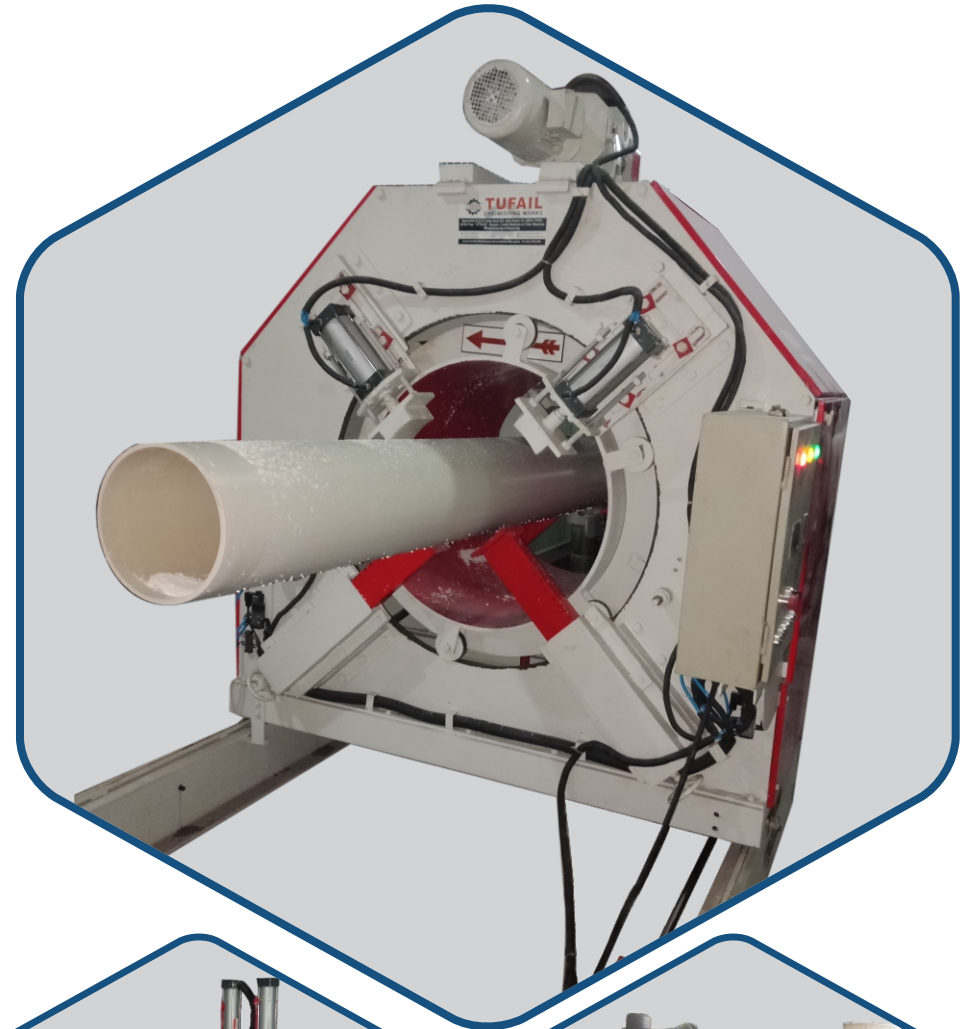
Model	Motor Power	Capacity
TETM-2	~ 30	100/200
TETM-4	~ 45	200/400
TETM-6	~ 75	300/600
TETM-8	~ 100	400/800

# Cutting Machine

For the different pipe size and different speed requirement, Tufail engineering developed kinds of under cutting saw & round auto cutters, accordingly optional to choose size of pipe.

## Main features.

- Reliable pneumatic air control system.
- Neat and smooth cut.
- Extra –long life blade design
- Advance electric control panel with auto & manual control system.
- One round cutter has 3 types of pipe cutting technology.
- Round auto chamfering rotary cutting.
- Easy to operate.
- New dust free technology.

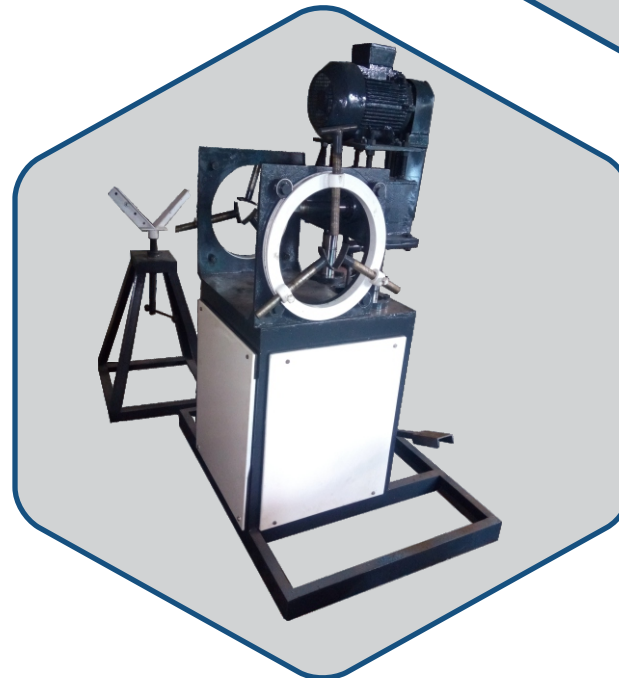
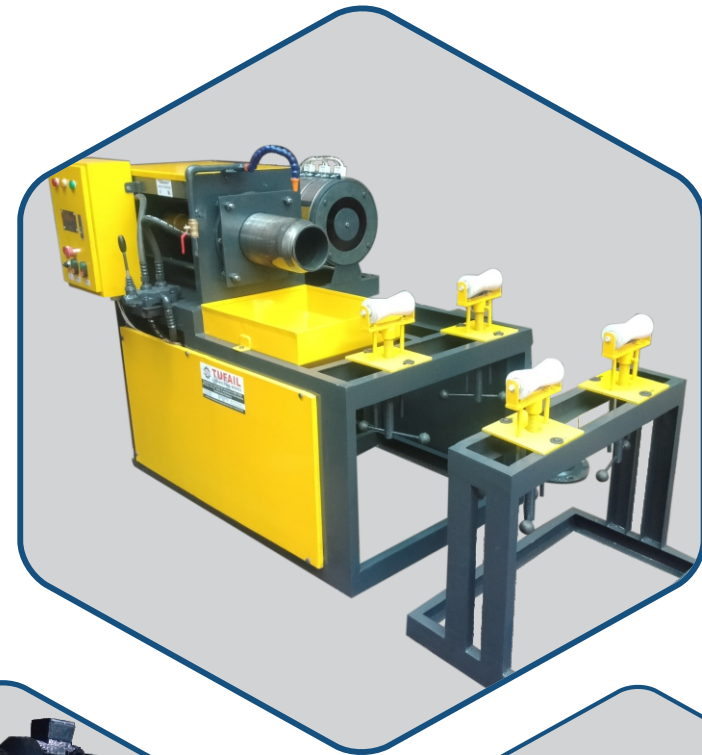


# Socket & Filter Machine

Tufail engineering offers wide range of socket and filter machine for upvc pipe

## Main features.

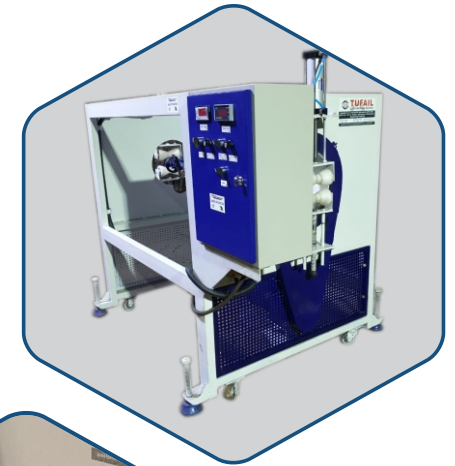
- Latest and reliable design for best performance
- Powerful hardrolic pump system.



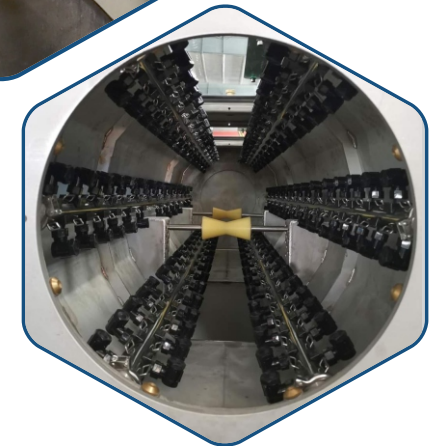


# Wrapping Machine

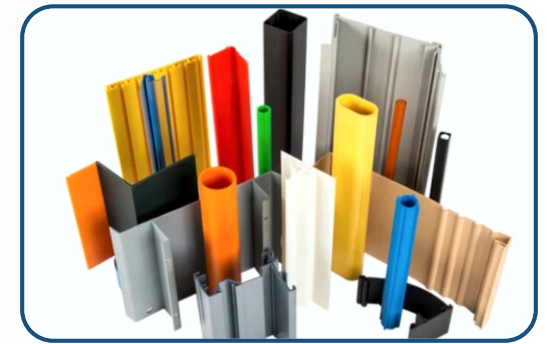
The PVC pipe wrapping machine is designed for outside wrapping of various plastic pipes including PVC pipe ,UPVC pipe and other horizontal objects. The packing machine is able to protect the pipes from damage during handling, transportation and storage.



# Vacuum Sizer Cooling Bath



# PVC Pipe And Profile Extrusion



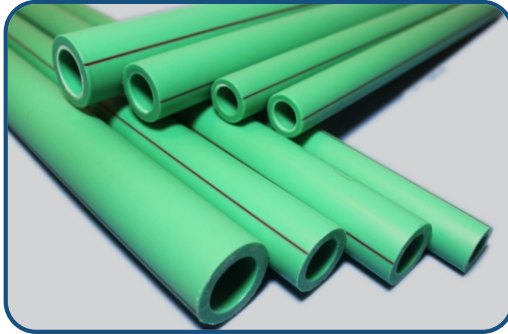


# HDPE Pipe Extrusion





# PPRC Pipe Extrusion



# Why Choose US

- 
- We are a leading and professional manufacture of extrusion machines in Pakistan.
  - We are able to provide custom-built packing solutions according to different objects and customer requirements.
  - Updated technology with the latest application for wide range of extrusion machines.
  - Fast and efficient sales service network accessible to our customers worldwide.
  - Our products are highly approved by the well reputed brands both home and abroad.

## Pre-Sale Services

- Inquiry and consulting support.
- Customized packing solution offered.
- Sample testing support.
- View our Factory and warehouse as well.

## After-Sale Services

- Lifelong technical support.
- Engineers available to service machine overseas for installation & commissioning.
- Response any problems in short time.



## CONTACT INFO

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