



MINAL ENGINEERING

Precision in Motion
Powering Innovation

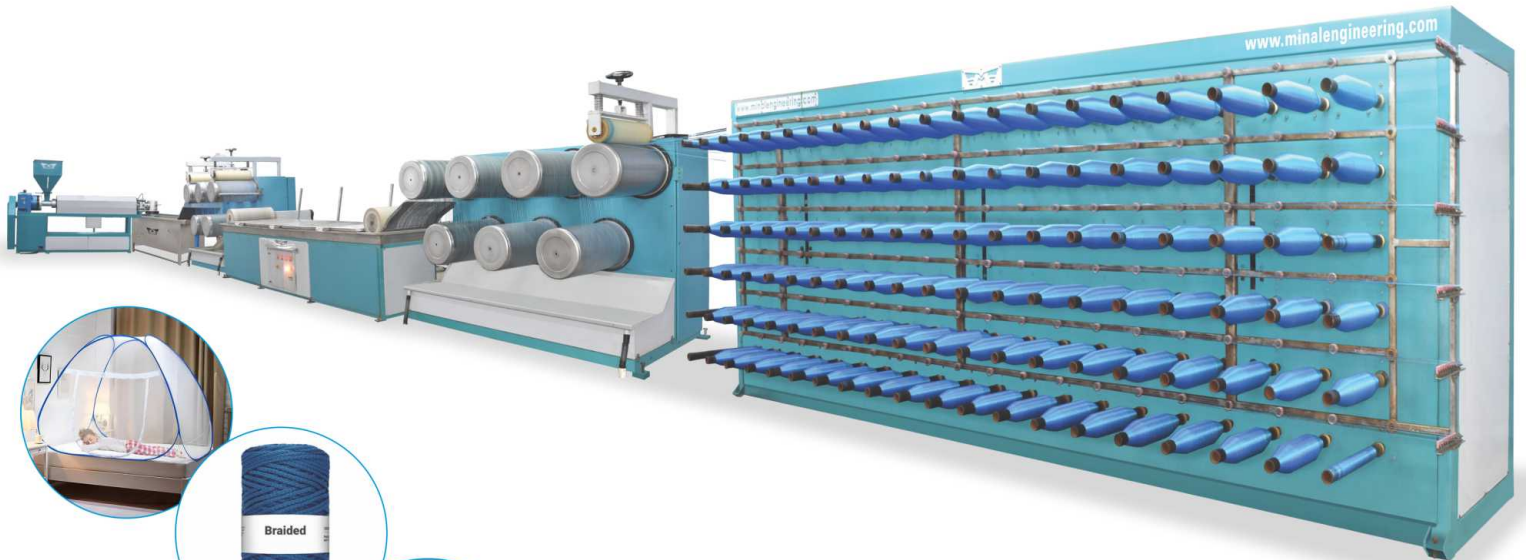


**Manufacturer & Exporter of
All Type of Extrusion Machinery**

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HDPE MONOFILAMENT EXTRUSION LINE

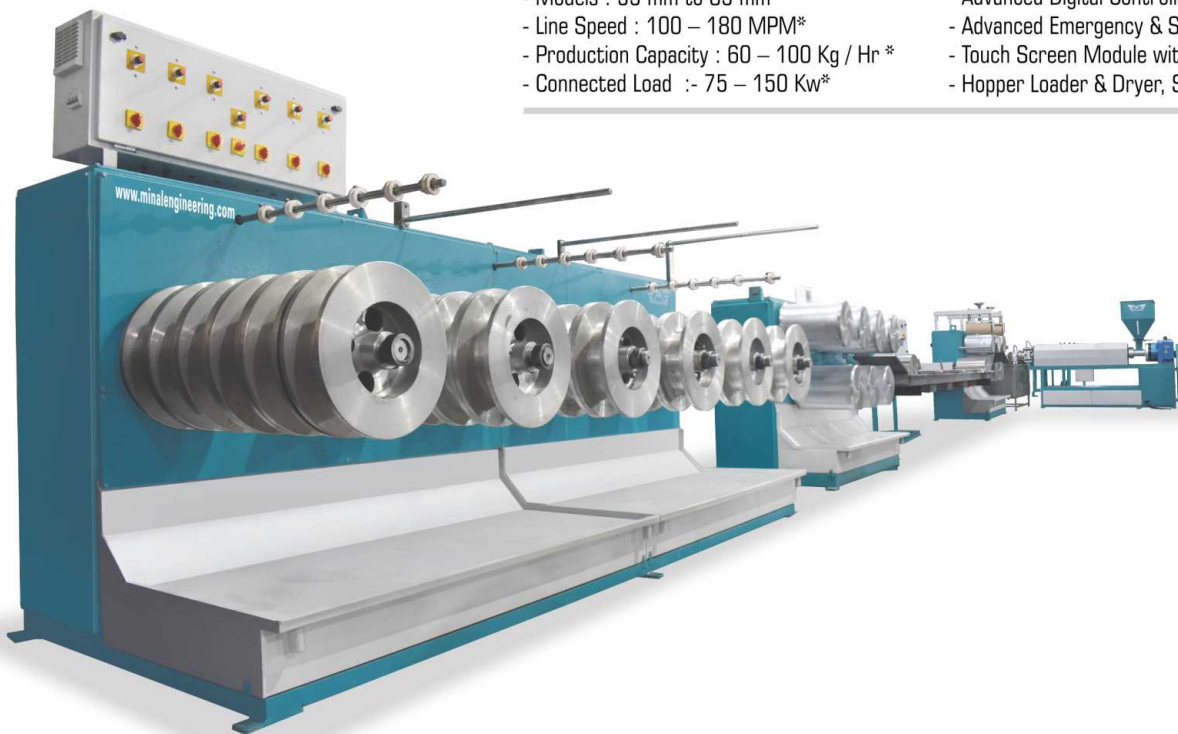
Mosquito Net/ Braided Rope/ Fishing Twine/ Textile Fabric

Technical Features

- Models : 55 mm to 85 mm
- Line Speed : 100 – 180 MPM*
- Production Capacity : 60 – 100 Kg / Hr *
- Connected Load :- 75 – 150 Kw*

Key Features

- Advanced Digital Controller with Synchronized Panel
- Advanced Emergency & Safety Features
- Touch Screen Module with PLC Controller*
- Hopper Loader & Dryer, Screen Changer, Melt Pump.*



HD/PP MONOFILAMENT EXTRUSION LINE

Niwar/ Fishing Twine / Mosquito Net/ Textile Fabric

Technical Features

- Model Range : 55 mm to 90 mm
- Line Speed : 100 – 180 MPM *
- Production Capacity : 75 – 110 Kg / Hr *
- Connecting Load : 75 – 150 Kw *

Key Features

- Advanced Digital Controller with Synchronized Panel
- Advanced Emergency & Safety Features
- Touch Screen Module with PLC Controller*
- Hopper Loader & Dryer, Screen Changer, Melt Pump.*





HDPE MONOFILAMENT EXTRUSION LINE PP FIBRILATED TAPE LINE / PP DUNLINE PLANT

Rope/ Fibrillated Tape/ Mono Dunline

Technical Features

- Models : 65 mm to 90 mm
- Line Speed : 100 – 180 MPM *
- Capacity : 75 – 120 Kg / Hr *
- Connecting Load : 75 – 175 Kw *

Key Features

- Advanced Digital Controller with Synchronized Panel
- Advanced Emergency & Safety Features
- Touch Screen Module with PLC Controller*
- Hopper Loader & Dryer, Screen Changer, Melt Pump.*



RE PROCESS GRANULE PLANT (PP /HDPE / LDPE - LUMPS)

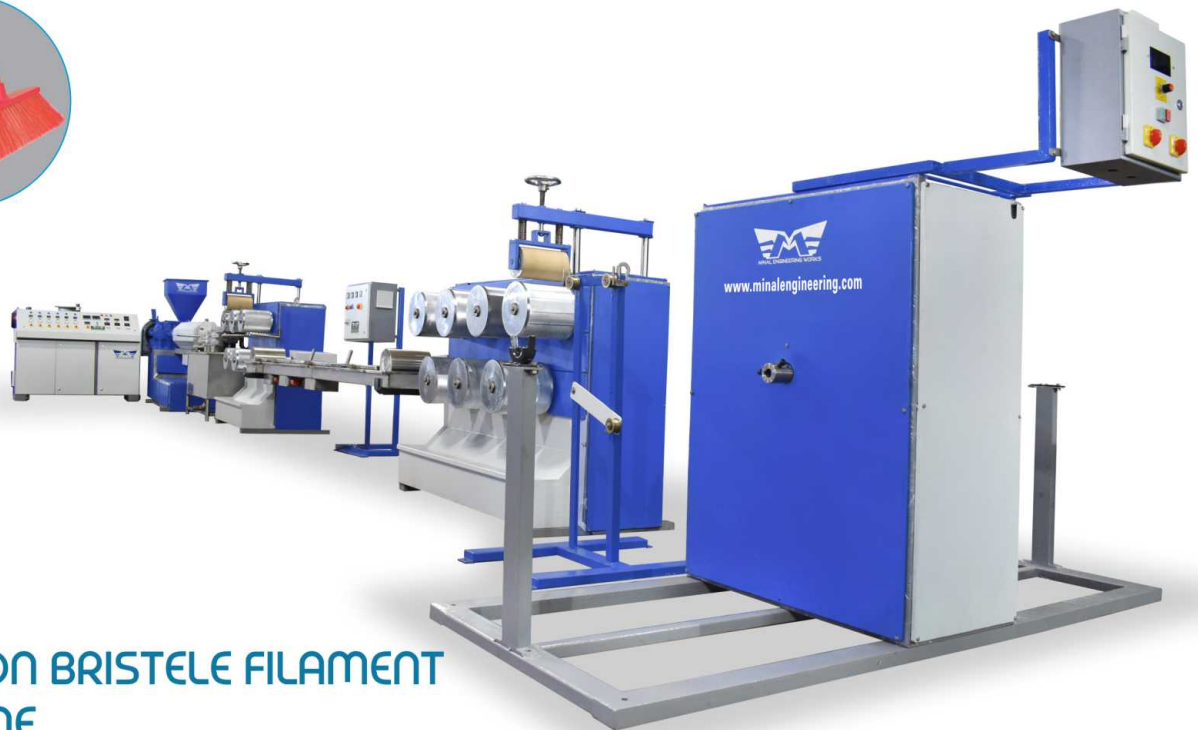
Technical Features

- Models : 75 mm to 120 mm
- Capacity : 100 – 150 Kg / Hr Capacity *
- Connecting Load : 75 - 100 Kw *

Key Features

- Advanced Digital Controller with Synchronized Panel
- Screen Changer Back Pressure Sensor
- Safety Siren Alert System
- Die Face Cutter & Dryer Unit*





PP/ PET/ NYLON BRISTELE FILAMENT EXTRUSION LINE

Paint Brush/ Sweeping broom/ Cloth Washing Brush

Technical Features

- Models: 65 mm to 100 mm
- Line Speed : 150-200 MPM *
- Capacity : 85 – 150 Kg / Hr *
- Connecting Load : 75 – 150 Kw *

Key Features

- Advanced Digital Controller with Synchronized Panel
- Touch Screen Module with PLC Controller *
- Screen Changer, Melt Pump.*
- Crystallizer, Dehumidifier & Hopper Loader unit *



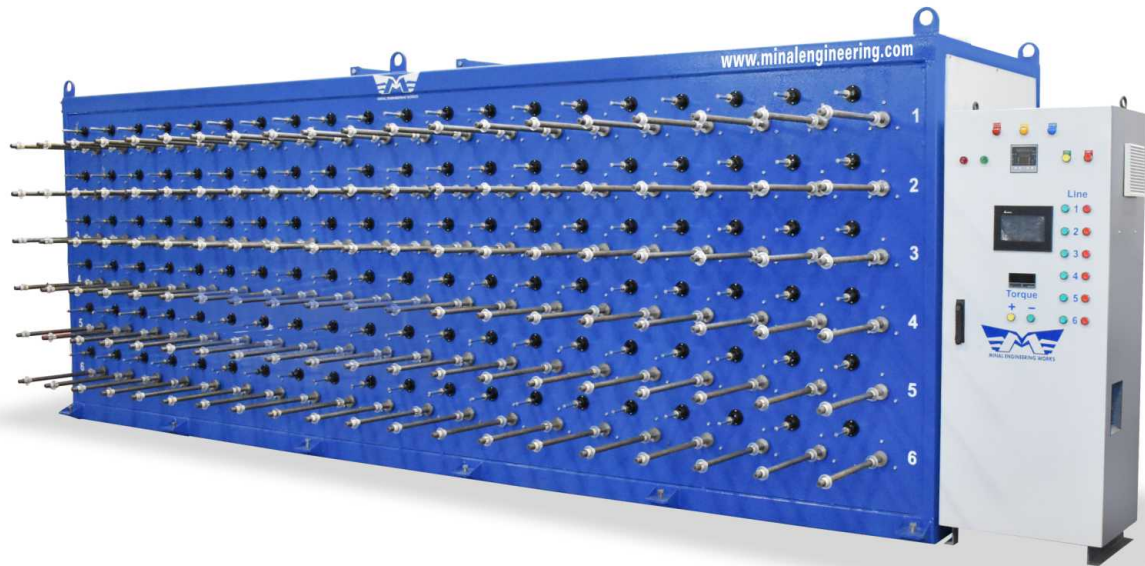
BODY SCRUBBER & FRUIT NET PLANT (LDPE / HDPE)

Technical Features

- Models : 35 mm to 55 mm
- Production Capacity : 16- 35 Kg / Hr *
- Line Speed : 30-40 MPM *
- Connecting Load : 30-50 Kw *

Key Features

- Advanced Digital Controller with Synchronized Panel
- Dual Rotating Die Mechanism with Differential Gear
- Screen Changer Unit
- Stretching & Puller Unit For HDPE Net *



COPS WINDER

(Fishing Twine / Braided Rope / Textile Yarn)

Technical Features

- Model Range : 75 – 400 Station
- Winding Type : Single & Joint Filament
- Capacity : 1 - 5 Kg
- Connecting Load : 15 - 55 Kw

Key Features

- Heavy Duty Torque Motor
- Touch Screen Module with PLC Controller
- Advanced Sensor with Servo Motor
- VFD Based Torque Controller



HEAVY DUTY BOBIN WINDER

Technical Features

- Model Range : 8 – 36 Station
- Winding Type : Bunch Yarn Winding
- Capacity : 5 - 15 Kg *
- Connecting Load : 12 – 50 Kw *

Key Features

- Heavy Duty Torque Motor
- Fully Digital Panel with Advance Sensor
- Adjustable Stroke Length
- Individually Operated Station
- Touch Screen PLC Controller Module *



MULTIPURPOSE COPS + BOBIN WINDER

Technical Features

- Model Range : 50 – 300 Station
- Winding Type : Multiple single Yarn / Joint Filaments
- Winding Capacity : 2 – 6 Kg Package
- Cops Capacity : 300 – 500 mm Cops
- Bobin Capacity : 100 – 150 mm Metal / Plastic Bobin

Key Features

- Multi Functional use for Cops & Bobin Winding
- Heavy Duty Torque Motor
- Touch Screen Module with PLC Controller *
- Advanced Sensor with Servo Motor
- VFD Based Torque Controller

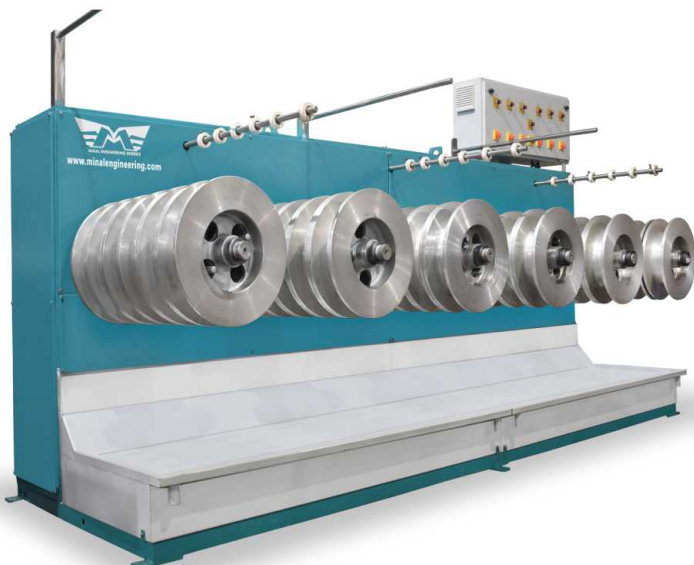
WARP BEAM WINDER

Technical Features

- Model Range : 2 -4 Station
- Winding Type : Multiple single Yarn
- Beam Size : 17 – 30 Inch *
- Capacity : 100 - 300 Kg Package *
- Connecting Load : 13 - 10 Kw *

Key Features

- Heavy Duty Torque Motor
- Fully Digitally Control Panel
- Adjustable V Comb Mechanism
- Length Alert & Siren System
- Touch Screen PLC Controller Module *



SPOOL WINDER

Technical Features

- Models :- 2 -10 Station
- Winding Type :- Multiple Yarn (Bunch)
- Spool Size :- 15 - 18 Inch *
- Winding Capacity :- 4.25 – 7.5 Kg *
- Connecting Load :- 2 - 15 Kw *

Key Features

- Heavy Duty Torque Motor
- Fully Digitally Control Panel
- Individually Operated Station

EXTRUDER MACHINE

Technical Features

- Model : 35 to 125 mm Screw Barel
- Capacity : 50 to 160 Kg /Hr
- Connected Load : 10- 40 Kw

Key Features

- Fully Automatic Hopper Loading & Drying System*
- Auto Control Melt Pump & Screen Changer with synchronize Panel*



HOT WATER STRETCHING TANK

Technical Features

- Size : W-12 to 36 inch x L-10 to 15 ft.
- Heating Type : Electric Cartridge Heater / Steam Heating
- Temp. Range : 75-100°C

Key Features

- SS 304 Water Tank with SS 304 Guide Rollers and Brake
- Digitally Controlled Power Saver & Linear Heat Controlling Unit*
- Pneumatically Operated Gates *



HOT AIR OVEN STRETCHING UNIT

Technical Features

- Size : W-12 to 36 inch x L-10 to 15 ft.
- Heating Type : Electric Air Heater
- Temp. Range : 75-275°C

Key Features

- Single Blower / Double Blower Heating
- Digitally Controlled Power Saver & Linear Heat Controlling Unit*
- Pneumatically Operated Gates *



HOT PLATE STRETCHING UNIT

Technical Features

- Size : W-12 to 36 inch x L-10 to 15 ft.
- Heating Type : Ceramic Heater
- Temp. Range : 75-275°C

Key Features

- Double Zone Heating Control
- Digitally Controlled Power Saver & Linear Heat Controlling Unit*
- Power Saver Unit *



PLANT ACCESSORIES

- High speed colour mixer machine
- Low speed colour mixer machine
- Imported bimetallic screw barel (55 to 120 mm)

- Aluminum winding spool (15 in. To 18 in.)
- Monofilament die (Round yarn / Joint filament / Flat yarn)
- All kind of extruder accessories



Minal Engineering Works laid down its business formation stone in the year 1995, We started our company with production of HDPE Mono filament plant and Extrusion Machinery then gradually expanded it to several products.

Today, Our firm is trusted manufacturer of PP / HDPE / LDPE / PET MONO FILAMENT EXTRUSION LINE for manufacturing Fishing Twine, Mosquito Net, Bird Net, Textile & Fabric Yarn, Breaded Rope, Industrial Rope, Pharmaceutical grade filter cloth, Bristle yarn Re-Processing Yarn. We are also manufacturing Extrusion Line such as Body Scrubber & Fruit net Plants, PP Baler Twine Extrusion Line and PP Fibrillated Tape Extrusion Line, Reprocess Granule Machine & all kind of Winder & Extrusion Machineries.

We also manufactures Plant Accessories Like High speed Mixer & Low Speed Mixer, Heavy Duty Cutter Machines, Granule Cutter Machine, Aluminum Spools, Mono Filament Die, Bakers, Extruder Head, etc.

With our technical expertise and rich knowledge of the domain, we have gained expertise in the market. Our personnel stay updated with the latest market trends and keeping the technological advancements, they engineer as well as import our products. Further, our special customer based policies, availability of products in varied sizes & models and simple payment options have enabled us in mustering a huge clientele.



MINAL ENGINEERING

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