



— DELIVERING —
**HIGH PERFORMANCE
EXTRUSION SOLUTIONS**



Scan me!

Kolsite Group

KOLSITE

SINCE 1962

We are a part of the dynamic and forward thinking Kolsite Group, which came into existence over five decades ago.

Our focus is to meet customers needs in a sustained manner by use of cutting edge technology and innovation.

This Group is committed to the plastics industry since its inception and will continue to do so...



**Dedicated to Technology
Devoted to Service**

- GLOBAL REACH
- SERVICE & SUPPORT
- ONLINE SPARES
- EXPERT GUIDANCE
- KABRA AKADEMY
- SMART FACTORY

KOLSITE GROUP OF COMPANIES



Kabra Extrusiontechnik Ltd

India's largest
manufacturer and exporter
of Plastic Extrusion Plants



Plastiblends India Ltd

India's largest producer and exporter
of Masterbatches and Additive
Compounds for the Plastics
Processing Industry.



**MAHARASHTRA
PLASTIC & INDUSTRIES**
COMMITTED TO CONSISTENT & INNOVATIVE PACKAGING

India's largest manufacturer
of PP Straps and PET Straps

Kolsite Corporation LLP

Agency Division Bringing global
technology together



Future technologies division of
Kabra Extrusiontechnik Limited

BUSINESS ASSOCIATES

BATTENFELD-CINCINNATI

UNICOR



SERVING EVER GROWING SECTORS



AGRICULTURE



PACKAGING



INFRASTRUCTURE

TWIN SCREW PVC PIPES EXTRUSION LINE

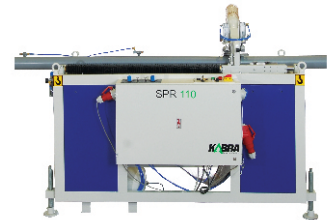
Output range: 100-2000 kg/hr
Pipe Range: 20-1000 mm

Processor Benefits:

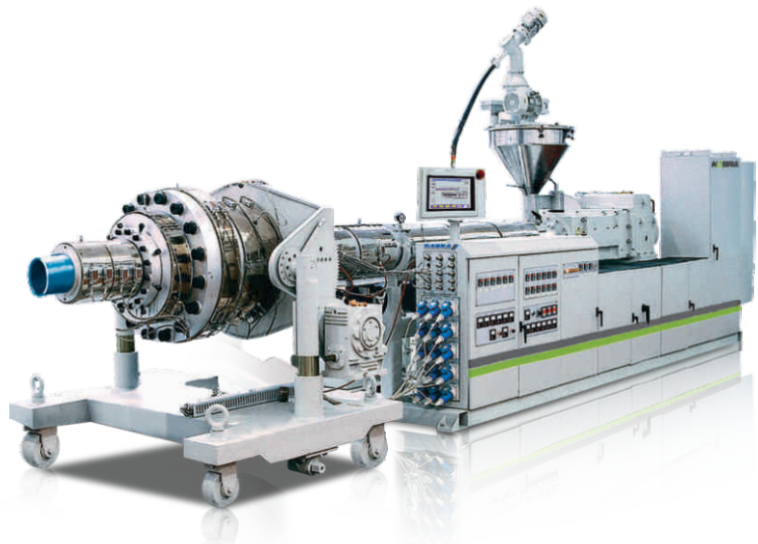
- Proven battenfeld-cincinnati technology
- Higher output
- Energy efficient
- Better price/Performance ratio
- Based on latest german technology



Downstream Equipments



TWIN SCREW EXTRUDERS: TWINEX SERIES



Model	Screw Diameter & L/D	Throughput Kg/hr
twinEX93	93 mm; 34:1	750-850
twinEX114	114 mm; 34:1	1000-1200

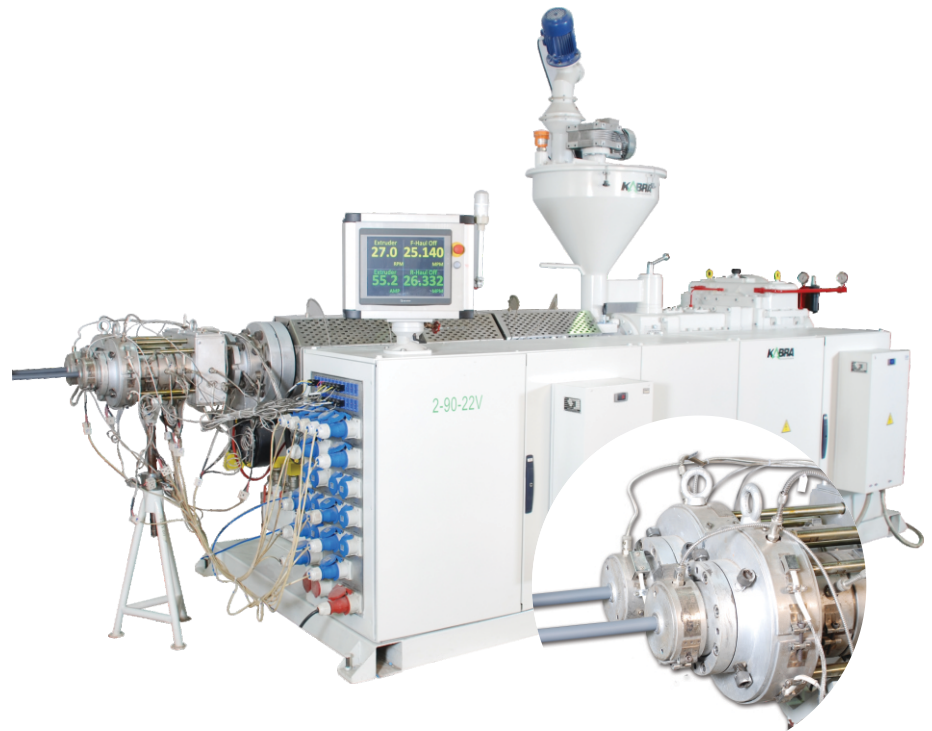
HIGH SPEED TWIN STRAND PVC CONDUIT LINE

Processor Benefits:

- High production rate
- Precise cut-length
- Lowest operating cost
- Enormous space saving

Salient Features:

- Compact design
- With PLC controlled haul-off
- Servo cutter

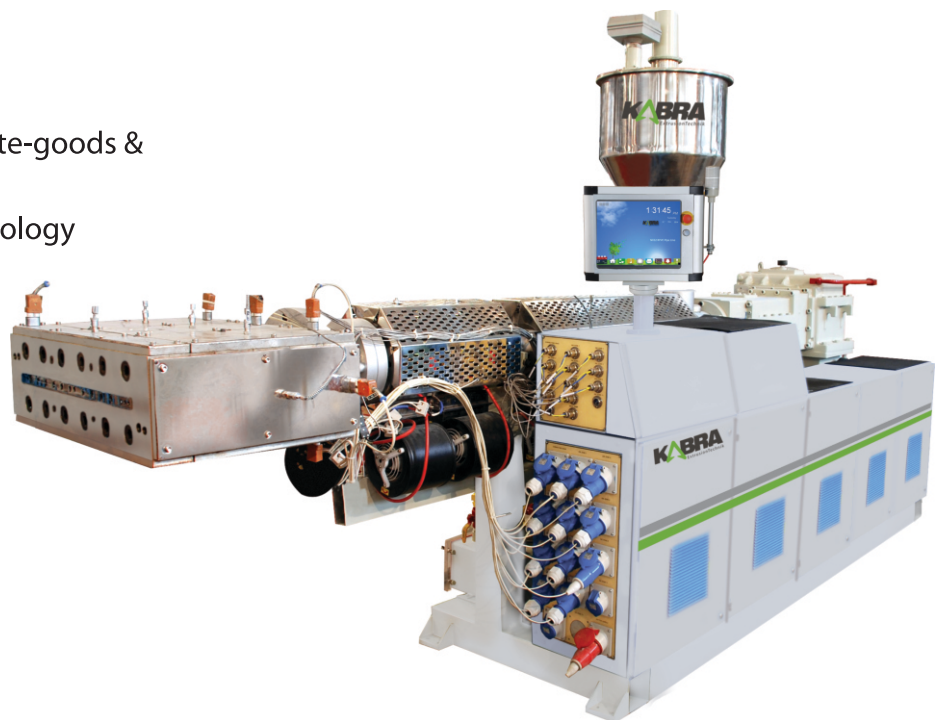


TWIN SCREW PVC PROFILE EXTRUSION LINE

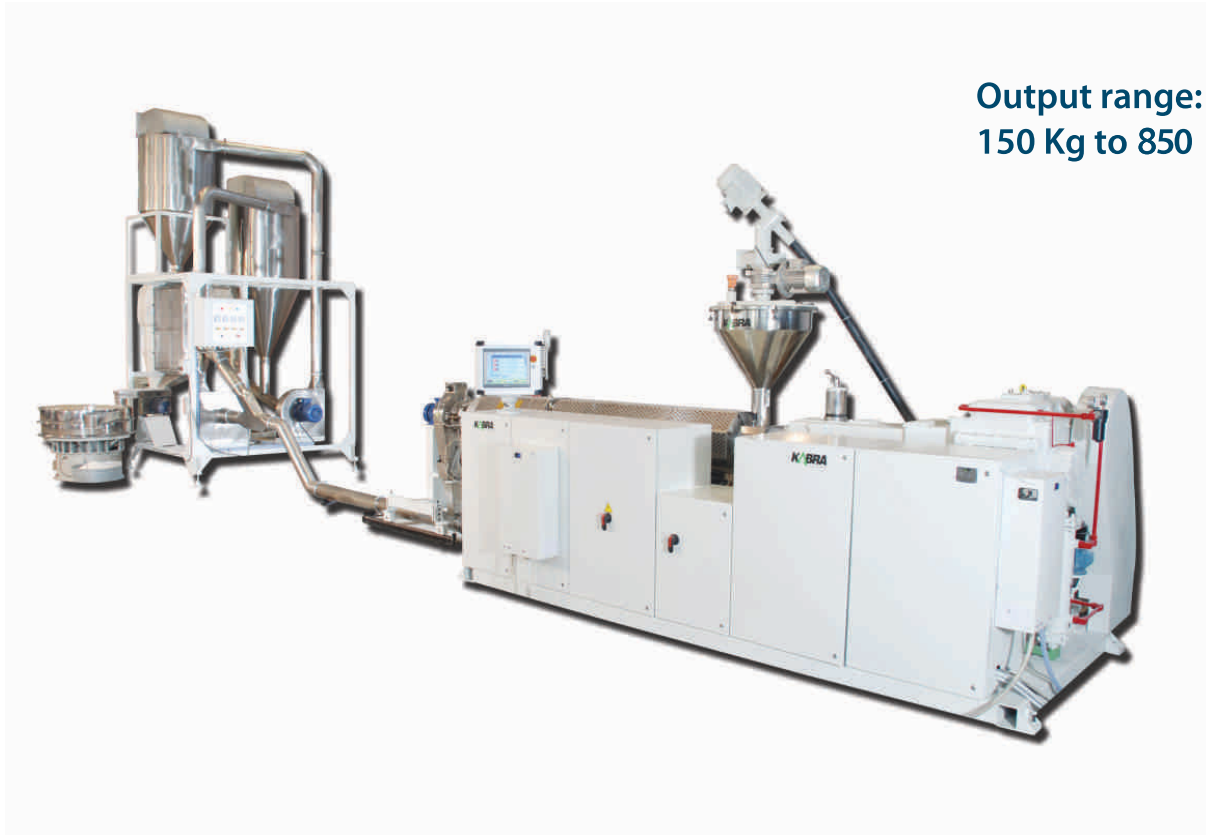
Output up to 300 kg/hr

Processor Benefits:

- Ideal for technical automotives white-goods & window profiles Applications
- Proven battenfeld-cincinnati Technology
- Higher output
- Energy efficient
- Good Price / Performance ratio



PVC PELLETIZING LINES



Output range:
150 Kg to 850 Kg per hour

PVC COMPOUNDING MIXER-COOLERS

Batch Capacity range:
40 kg to 500 kg per Batch

Fully Automated Material
Feeding & Conveying system



MONOS / EMAX PO PIPES EXTRUSION LINES

Output range: 140 kg to 350 kg per hour
pipe range : 20-250 mm

Processor Benefits:

- Wider processing window due to 37 L/D ratio
- Uniform output due to specially designed grooved intake section
- High output
- Lower power consumption



Model	Output range Kg / hr
Monos 45-75	220- 240
Monos 45-90G	330- 350
EMAX 45-45/30	140 - 160
EMAX 45-55/30	190 - 210
EMAX 45-75/30	240 - 260



soIEX PO PIPES EXTRUSION LINES

Processor Benefits:

- Output range : 500 kg to 2200 kg per hour
- Suitable to process all types of PE & PP grades
- Surge free output, due to spiral grooved intake feed section.
- Linear specific output
- Lower power consumption

Model	Output range Kg / hr
soIEX 45-40	400-500
soIEX 60-40	700-800
soIEX 75-40	1000-1200
soIEX 90-40	1300-1500



HIGH SPEED TELECOM MICRO-DUCT LINE

Processor Benefits:

- Quick pipe set-up
- Lower power consumption
- High productivity
- Better price-to-performance ratio

Salient Features :

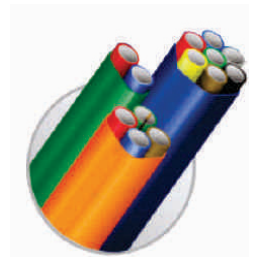
- High speed extrusion
- Duct range: 5 mm to 16 mm OD
- Smooth as well as serrated ID
- High speed coiler with auto laying



SMOOTH WALLED MICRODUCT



RIBBED WALL MICRODUCT



MICRODUCT BUNDLE SHEATHING

For 3G-4G Data Communication



Also available: Bundled sheathing line up to 24

HIGH SPEED FLAT DRIP IRRIGATION TUBE LINES

- Operating line speed up to 250 MPM
- Up to 800 to 1000 drippers per minute
- Capable of processing thin wall tubing (0.2 mm)

Processor Benefits:

- Uniform end product - consistent performance
- High Output
- Lower power consumption
- Lower investment per kilogram of output



CONTROL SYSTEMS

Extru Touch NX 32

- Computer integrated control system.
- 15" Color TFT touch screen.
- State-of-the-art automation PLC hardware.
- Temperature controller & AC drive on high speed network.
- High performance temperature controller.
- Industrial bus system like modbus/Ethernet for the integration.
- Excellent Automation Control.



ULTIMA 7

- 7" Touch screen remote panel.
- Backlight LED.
- Temperature controller & AC drive on high speed network.
- High performance temperature controller.
- Ethernet and USB port to facilitate program upload / download.
- Integrated AC drives on serial network.
- Centralized control & monitoring for Extruder, Feeder & Haul - offs.
- Displays information (in plain English text) such as - Extruder running hours, time & date, system alerts & alarms etc.



Optima 7

- 7" Touch screen remote panel.
- Backlight LED.
- Display of drive status.
- Ethernet and USB port to facilitate program upload / download.
- Integrated AC drives on serial network.
- Centralized control & monitoring for extruder, feeder & haul-offs.
- Displays information (in plain English text) such as - Extruder running hours, time & date, system alerts & alarms etc.



3 LAYER BLOWN FILM LINES



Specifications:

- Output up to 850 Kgs / hr
- Width up to 2800 mm

Salient Features:

- Auto Profile Film Thickness Control
- Gravimetric Dosing System
- Bubble Scanner
- Extru Touch Control System

5/7/9/11 LAYER BLOWN FILM PLANTS



Specifications:

- Output : up to 850 kg/hr
- Width : up to 2800 mm

Salient Features:

- Auto Profile film Thickness Control
- Gravimetric Dosing System
- Bubble Scanner
- Extru Touch Control System

CoEX-ABA BLOWN FILM PLANTS



Specifications:

- Output : up to 200 kg/hr
- Width up to 1250 mm

Benefits:

- Low conversion cost
- Lower power consumption
- Lower investment per kg output
- Superior end product quality

CLUSTER FILM PLANTS



specifications:

- LFW: up to 450 mm

Benefits:

- Lesser space requirement
- Cost saving
- Lower labor cost & maintenance

MONOLAYER FILM PLANTS



Specifications:

- LFW up to 2200 mm
- Output ranging from 35- 225 kgs / hr

Benefits:

- Increased output even for smaller LFW.
- Lower power consumption.
- Lower conversion cost.
- Superior end product quality.
- Rugged compact model.

CONTROL SYSTEMS



EXTRU TOUCH 9020 PLUS

Salient Features:

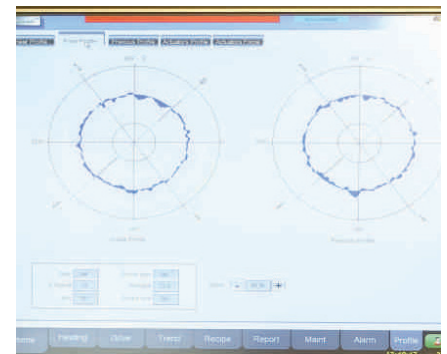
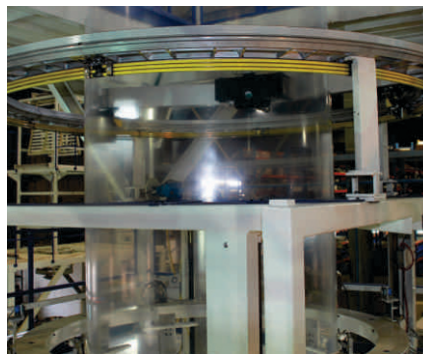
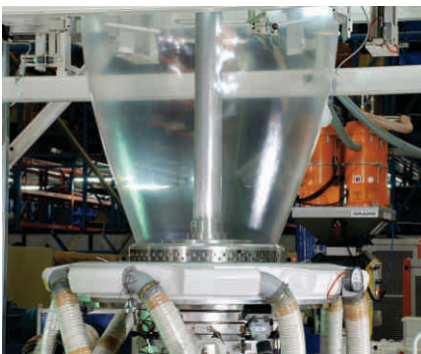
- Touch screen computer integrated control panel
- Advanced easy to operate process control system.
- Auto trending of all Date inputs and important process parameters.
- Recipe Memory for repeat orders.

GRAVIMETRIC DOSING & CENTRALIZED CONVEYING SYSTEM

- Gain in weight Batch Blender. Weight Bin on Load cell
- Extrusion and layer control through continuous Gravimetric loss in weight system.
- Sliding gate blending device.
- Capacitive level sensor for maximum and minimum level.
- Smart conveying integrated system with Automatic filter cleaning.
- Effective means of gross output, thickness and individual component controls



AUTO PROFILE FILM THICKNESS CONTROL



The system controls the temperature of the cooling air from point to point around the bubble through cartridge heaters in the Air Ring. Assures a quick response time to any input for thickness correction.

Salient Features:

- Higher converting speeds more uniform web tension
- Resin saving- Meet minimum criteria at nominal thickness
- Scrap reduction- Line comes up to specification faster
- Constant film monitoring / correction

DOUBLE WALL CORRUGATED PIPE EXTRUSION LINE



- High end corrugation technology at affordable prices
- Manufactured in India with Technology & JV Partner UNICOR Germany
- Efficient water cooled forming block
- Higher line speed and production rate
- Better wall thickness and weight/meter control

PIPE SOCKETING MACHINES



HIGH PRODUCTIVITY

- Manufactured in India with Technology & JV Partner MECANOR Finland
- Highest production of pipe sockets per hour allowing to utilize full extruder capacity
- Universal Machine to produce Solvent cement, Grooved and Elastomeric Ring Socket
- Excellent dimensional control
- Very Compact design & space saving

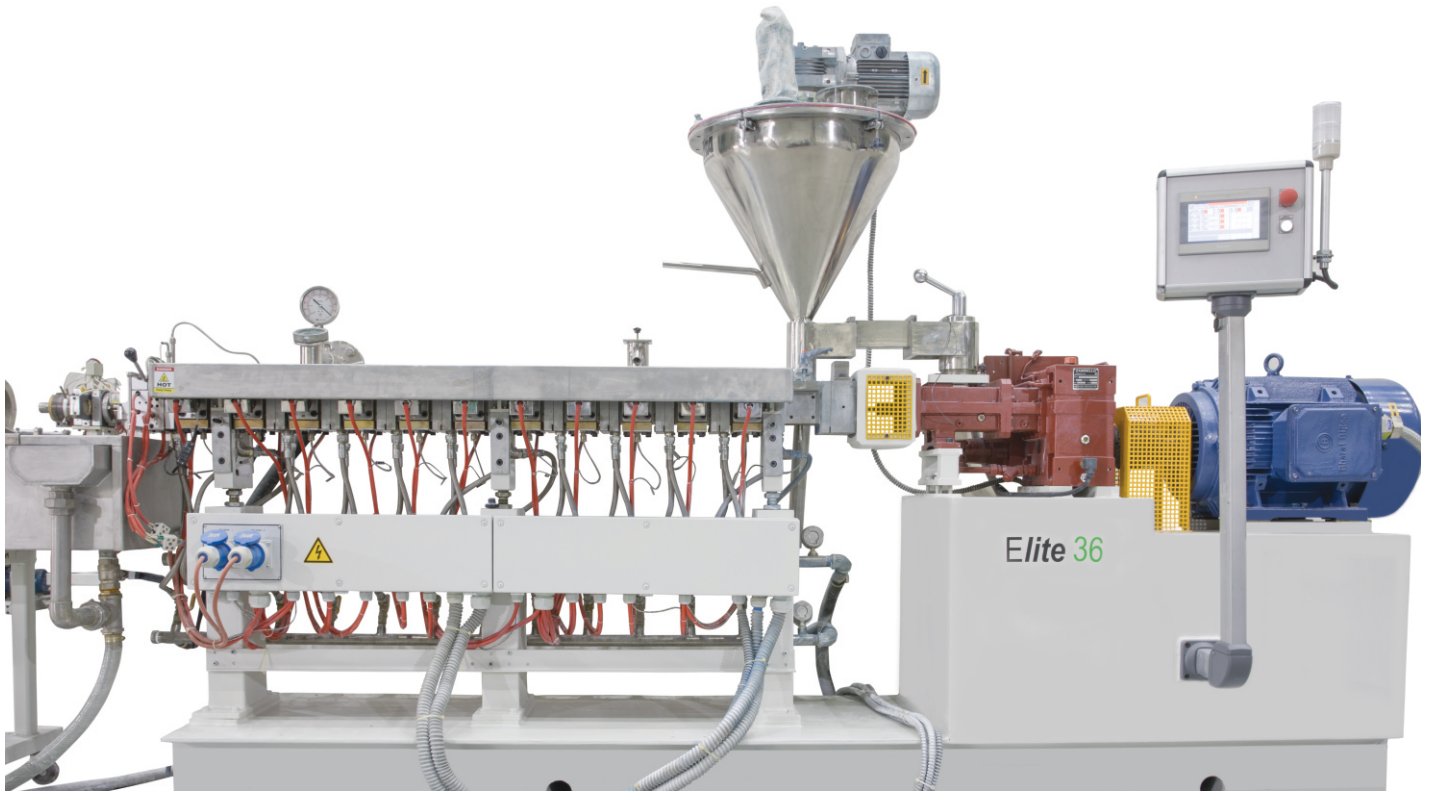
PLASTIC SHEET EXTRUSION LINES



- High end Technology for superior sheet quality
- Manufactured in India as per technology from battenfeld-cincinnati, Germany.
- High Productivity.
- Excellent dimensional control of sheet width & sheet thickness
- Excellent optical properties
- Versatile to use different polymer grades



TWIN SCREW CO-ROTATING COMPOUNDING LINES



- L/D Ratio 36:1 to 58:1
- Increased productivity due to high Motor power & gear Box Torque
- Higher specific torque
- Good Equipment life
- Offer complete solution with downstream and material handling automation

MORE THAN 15700+ INSTALLATIONS AROUND THE WORLD 105+ COUNTRIES



A **KOLSITE** Group Company

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Kabra Extrusiontechnik Limited reserves the right to make technical changes. Data and figures are indicative purpose only and cannot have any legal implications.

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*Number of installations as on 22nd November 2023.