



GRANULATING MACHINE WITH PLANETARY EXTRUDER

The machine has a large heat transfer surface,
 Excellent mixing and plastification performance,
 High capacity, energy efficiency, self-cleaning,
 Production of higher quality products,
 Optimum use of additives,
 High dispersion capability reduces the
 formula costs.



TECHNICAL VALUES

EXTRUDER MODEL	PLX 140/200		PLX 185/220		PLX 230/240		PLX310/260	
	Phase 1	Phase 2	Phase 1	Phase 2	Phase 1	Phase 2	Phase 1	Phase 2
MECH. POWER (kW)	90	75	175	110	220	110	265-330	175
THERMAL POWER (kW)	2x15	2x10	2x30	2x25	2x40	2x35	2x70	2x50

CAPACITY VALUES (kg/h)

Rigid Transparent PVC	500-600	1000-1200	1500-1800	2200-2800
Rigid PVC	600-700	1050-1300	1600-1900	2300-2900
Semi-Rigid PVC	500-600	1100-1250	1300-1600	2400-2800
Soft Transparent PVC	450-700	1000-1350	1200-1900	2000-2800
Soft PVC Filled	600-800	1200-1500	1800-2100	2200-3000



FULLY AUTOMATED DOSING SYSTEMS

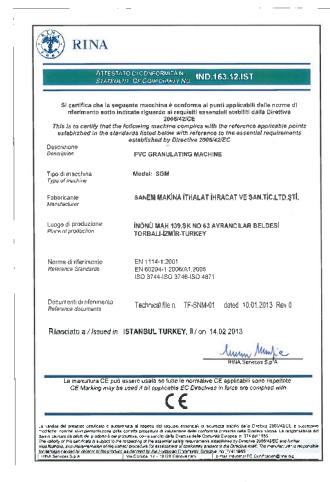


- ▶ Weigh 10 different substances at the same time
- ▶ Switch between formulas in a short time
- ▶ Gravimetric or volumetric systems
- ▶ Monitored over the Internet
- ▶ Touch screen PLC control
- ▶ High sensitivity
- ▶ Formulation quality
- ▶ Energy saving
- ▶ Time saving
- ▶ Labor saving
- ▶ Maximum efficiency
- ▶ Low waste rate
- ▶ Scales weighing up to 1000kg

- ▶ Cuts plastic films, aluminum foils, paper, corrugated, rubber
- ▶ Highly durable and consistent working
- ▶ Extreme precision
- ▶ Reliable, long-lasting performance
- ▶ High quality rubber rollers
- ▶ World class brushless servo motors
- ▶ Easily-replaceable guillotine knives
- ▶ State of the art PLC
- ▶ Cutting speed is 20-110 m/min
- ▶ Cutting precision is 0.5 mm
- ▶ Max. cutting width is 1400 mm
- ▶ Max. cutting length is 1~10000 mm
- ▶ Material thickness is 0.2 mm-1 mm
- ▶ Main Roll Diameter: As requested
- ▶ Power Supply: 220 /380 Voltage
- ▶ Low maintenance cost



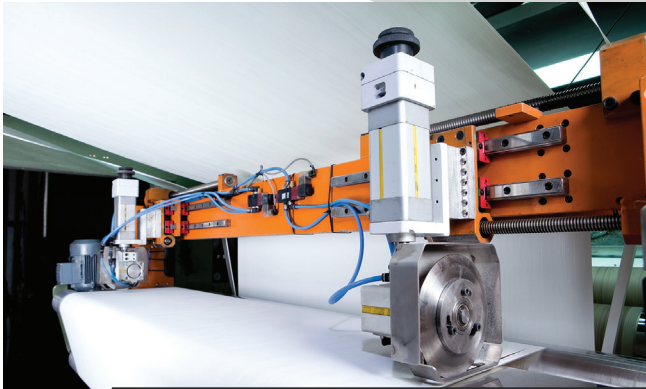
ROLL-to-SHEET CUTTING MACHINES



Ancillary Equipment



SANEM Machinery



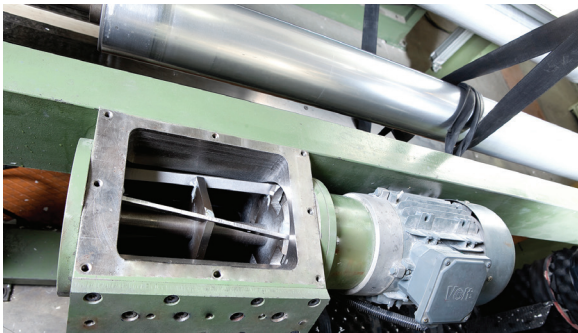
Edge Cutting Systems

- Reliable, simple & durable.
- Reduction of vibration, dust and wear
- Automatic pneumatic knife and knife system
- Easy setting
- Solid body, rigid and compact design to improve cut quality
- Quick and easy blade replacement
- Adjustable upper and lower knife touching angle
- Manual adjustment of the cant angle
- Cuts; paper, film, plastic, textile, laminates, fibreglass, rubber, aluminum

One (single flow) passage rotary joints which can be configured for installation at the end of a shaft
Sizes of 1/4", 1/2", 3/4" and 1"
Working pressure of 6 Bars at most
Bronze or 304 Steel



Rotary Joints



Thermoplastic Granulators

- Handles paper, cardboard, plastics, rubber, textiles, nonwovens and labels.
- Increased air speed through and under the cutting process
- Entrance measurement from 55 mm to 580 mm.
- High cutting efficiency
- Ability to cut very thin materials, down to 80 micrometer
- Easy adjustability
- Long lifetime value, low maintenance costs
- Possibility for multiple repairs of fixed knife and rotor

Working temperature up to 110°C
6-9-12-24 or 36 kW heating power
Automatic water filling
High-precision automatic temperature control up to $\pm 2^\circ\text{C}$
Protection against short circuits
Automatic alarming device, pump pressure gauge
Electrical cabinet combining with CE parts including cooler fan
Vertical pump which works steadily and keeps service life long
SS tank prevents blockage of pipes and keeps long-term service of pump
Simple & compact design, minimal in size, light in weight
Copper tubing used in the machine against corrosion and high heat
3,2" wide screen LCD control panel (optional)

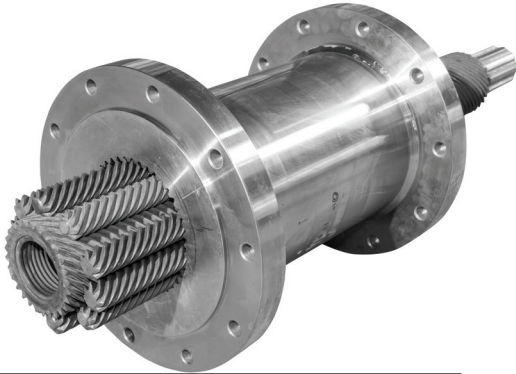


Water Type Mould Temperature Controller



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◀ The barrels can be produced from different materials according to customers' requirements and needs. Also different heat treatments like carburisation, nitration, induction, etc.. can be applied.

◀ In our factory we can produce the barrels with optimized wall thicknesses and with;

- Minimum 5 Threads, Maximum 91 Threads in 3 Module
 - Minimum 5 Threads, Maximum 76 Threads in 3,5 Module
- using 8550 or 4140 materials.

Planet Extruder Barrels

In our factory we can produce the main screws (THE SUN) with optimized wall thicknesses and with;

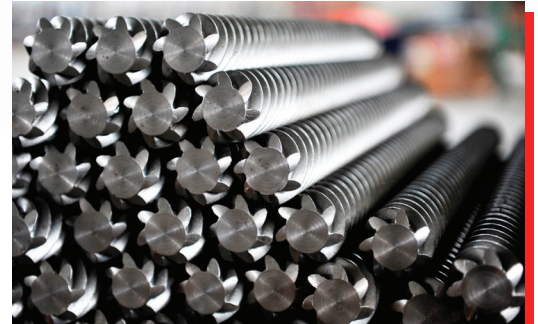
- Minimum 5 Threads, Maximum 75 Threads in 3 Module
- Minimum 5 Threads, Maximum 60 Threads in 3,5 Module

and we can produce the satellite screws (THE SATELLITES) with optimized wall thicknesses and with;

- Minimum 5 Threads, Maximum 75 Threads in 3 Module
- Minimum 5 Threads, Maximum 60 Threads in 3,5 Module

using 8550 or 4140 materials.

Different heat treatments like carburisation, nitration, induction, etc.. can be applied.



Planet Extruder Screws



◀ Our company manufactures single or co-rotating/counter-rotating twin screws and their barrels for extrusion and injection machines. Available screw types are:

- Mixer Screws
- Single Screws
- Co-rotating and Counter-rotating Parallel/Conical Twin Screws
- Injection Molding Screws
- Barrier Maillefer Type Screws

◀ Different heat treatments like carburisation, nitration, induction, etc.. can be applied. In our factory we can produce screws with;

- Ø120 mm up to 8000 mm long
- Ø320 mm up to 6200 mm long

using 8550 or 4140 materials.

Single-Twin Extruder Screws and Barrels

