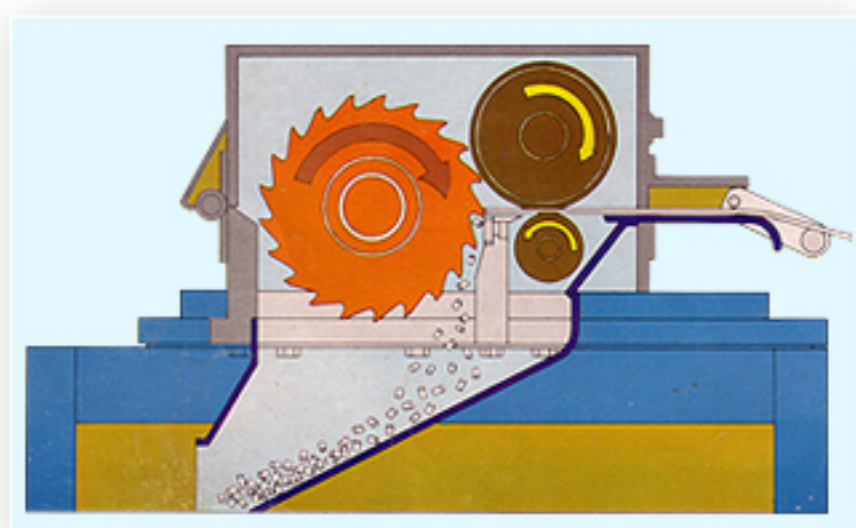


## PELLETISER

### **For Perfect Pellets, High Production & Low Costs**

PM Strand pelletisers are designed and engineered for high performance. They are the first choice of resin producers throughout the plastic industry. They assure (a) low maintenance, (b) long service and (c) quiet, precise cutting. They come in a versatile range of machines, manufactured to match the requirements of customers for cutting uniform sized pellets out of the strands from plastic extruder machines. PM pelletisers will also cut fibers, thermoplastics as well as rubber. There is also a special model for glass and mineral-filled resins.



### **For Unique Design & Optimal Operation**

The innovative design of PM pelletisers has many unique and useful features. The larger diameter of the upper feed roll and its close proximity to the rotor eliminates the need of the stripper bar used in conventional machines. The alignment of the feed plane and the twin rollers prevents bunching up of plastic strands and deformation of the upper feed roll. By the positioning of the feed table and the bed knife lower than the centre line of the rotor, the strands remain flat while being drawn to the rotor's cutting edges, ensuring a clean cut.

Our helix-angled rotor is a specially designed component which contributes most to the cutting edge comes down, it progressively shears a single row of pellets from the incoming strands. Just as it finishes its cut, the next cutting edge starts shearing the next strand. This ensures that each strand produces a pellet exactly the same size as previous ones. The cleaner cut made by these helix-angled edges produces minimal percentages of "overs" and fines, also with less torque and much less noise.

### **For Quality & Safety**

The cutting chamber design is uncluttered and affords easy access. A safety interlock is provided so that the pelletiser cannot run when the cover to the cutting chamber is raised. In short, PM palletisers ensure safety, high production capacity at lower RPM, low noise levels and above all, quality output. All these features are crucial for success in the highly competitive and increasingly quality-oriented environment of our plastics conversion industry.

## PELLETISER

Model	PEL 1.	PEL 2.	PEL 3.	PEL 4.	PEL 5.	PEL 6.	PEL 7.
Rotor Dia.	76mm	150mm	180mm	200mm	305mm	305mm	305mm
Rotor Length.	50mm	100mm	150mm	250mm	405mm	500mm	800mm
No. of teeth.	10	16	18	24	48	48	48
Bottom Guide Roller Dia.	46mm	50mm	75mm	50mm	75mm	75mm	80mm
Upper Guide Roller Dia.	50mm	60mm	75mm	90mm	140mm	140mm	80mm
No. of Strands of 3 mm Dia.	6	15	21	30	60	110	185
Production kg-/hr.	10	80	200-300	600	1350	2000	3000-4000
H.P.	1	2	5	15	20	40	60-80
Drive Controls	D.O.L. Starter	D.C.	D.C.	D.C.	D.C.	D.C.	DC/AC
Feed Tray height	Table mounted	1000mm	1000mm	1200mm	1200mm	1200mm	1200mm
Total Dimensions. L×B×H in mm.	700×300×300	750×500×1200	900×600×1250	1000×800×1400	1000×900×1500	1000×1000×1500	1000×1200×1500

### **TECHNICAL QUESTIONNAIRE FOR PELLETISER**

Please answer the following questions as detailed and precisely as possible to facilitate and speed up our suggestions for the MOST ECONOMICAL solution to your problem. The information given will be treated as confidential.

Name and address of the Company	<input type="text"/>
Person In charge Designation	<input type="text"/>
Material to be reduced with scientific trade name	<input type="text"/>
Characteristics of the material (Brittle/Tough/Impact resistant etc.,)	<input type="text"/>
Is there any reinforcement /filled ? If yes what is the filling material and its properties.	<input type="text"/>
Heat Sensitivity (Softening/Temperature and Melting point in centigrade)	<input type="text"/>
Maximum size (Diameter) of the Strands (Sample if possible)	<input type="text"/>
Required length of pellets ( minimum & maximum) a) Sample if possible	<input type="text"/>
Required through put capacity Kg/hr	<input type="text"/>
Could you provide Material for large test? (At least 25 Kgs)	<input type="text"/>
What is the intended use of the material	<input type="text"/>
	<input type="button" value="Submit"/> <input type="button" value="Reset"/>