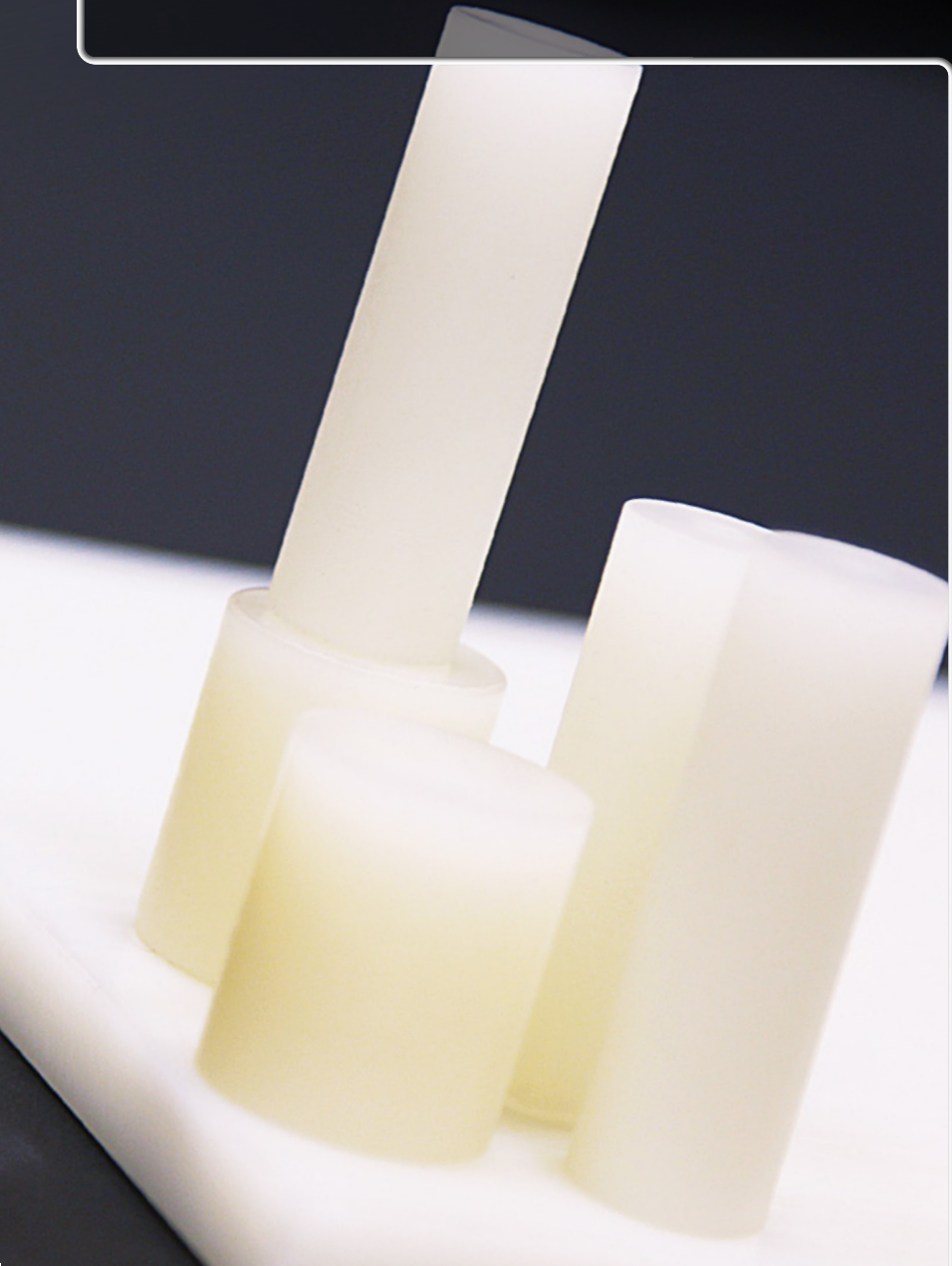


Rod & Plate



Understanding Rod & Plate Extrusion

Extrusion of engineering polymers such as Polycarbonate, Polyurethane, Nylon and PEEK requires an in-depth understanding of special processing methods.

Using over 50 years polymer processing experience Boston Matthews have designed and developed complete extrusion lines specifically for the extrusion of Rods and Plate used by the Semi-Finished Products and Engineering Polymers Industries.

The combination of high processing temperatures and volatile polymers means that the entire extrusion operation must be under complete control at all times.

The ability to successfully extrude Acetal, Polyethylene, Polypropylene, Nylon and PEEK Rod & Plate has made Boston Matthews the preferred machinery manufacturer to the world's leading producers of Semi-Finished Products.

Plate line technical specifications

		EPL1000	EPL1200
Plate Width	inches	39	39
Min. Plate Thickness	inches	1/3	1/3
Max. Plate Thickness	inches	4 3/4	3
Min. Cut Length	inches	20	20
Max. Cut Length	inches	122	122
Output	lb/hr	48 1/2 - 84	48 1/2 - 84
Dimensions			
Length	ft	25	25
Width	ft	6 1/2	7
Overall Height	ft	6 1/2	6 1/2
Centerline Height	inches	39	39
This table is only a guide with actual results dependent upon final specifications, materials, etc			





Consistent, High Quality Rod & Plate Production at all times

It is essential that Rod and Plate must be produced at the highest quality and be “void-free”.

Technology developed specifically for Rod and Plate Extrusion ensures quality and consistency is maintained at all times for maximum production efficiency.

Rod line technical specifications

Model	Rod Size		No. of rods	Output lb/hr	Rod cut length	
	Min inches	Max inches			Min inches	Max inches
	EP 5-20	¼		½	8	4½ to 9
	½	1	4	9	20	122
EP 22-40	1	2	4	6½ to 13	20	122
EP 22-55	1	2 ¼	4	6½ to 16½	20	122
EP 20-150	1	2	4	22	20	122
	1 ¾	4	2	38½	20	122
	4	6	1	38½	20	122
120-300	4 ¾	12	2	44	N/A	N/A

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Working with You:

From initial technical discussions through to training and installation Boston Matthews will work closely with your team.

- Line Layouts & Services Locations
- Pre-Approval Concept Drawings & Layouts
- Pre-Delivery Testing & Acceptance
- Operator Training
- On-Site Commissioning
- After market - Dedicated Spare Parts Departments, Processing Engineers, Technical Support



Boston Matthews Turn-Key Extrusion Lines:

- Automotive
- Medical Devices & Life Sciences
- PEX & PB Pipe (HVAC)
- Cosmetic Squeeze Tube
- Rod & Plate
- Zippers
- Aerosol Dip Tube
- Flexible & Rigid Profiles
- Heat Shrink Tube
- I.C. Carriers
- Wire & Cable
- Mircoducting

Boston Matthews Extruders & Downstream Equipment Ranges:

- Single Screw Extruders
- Jockey Extruders
- High Temperature & Fluorocarbon Extruders
- Cooling & Sizing Tanks
- Caterpillar Take-Ups
- Cutters
- Saws
- Coilers
- Automatic Winders