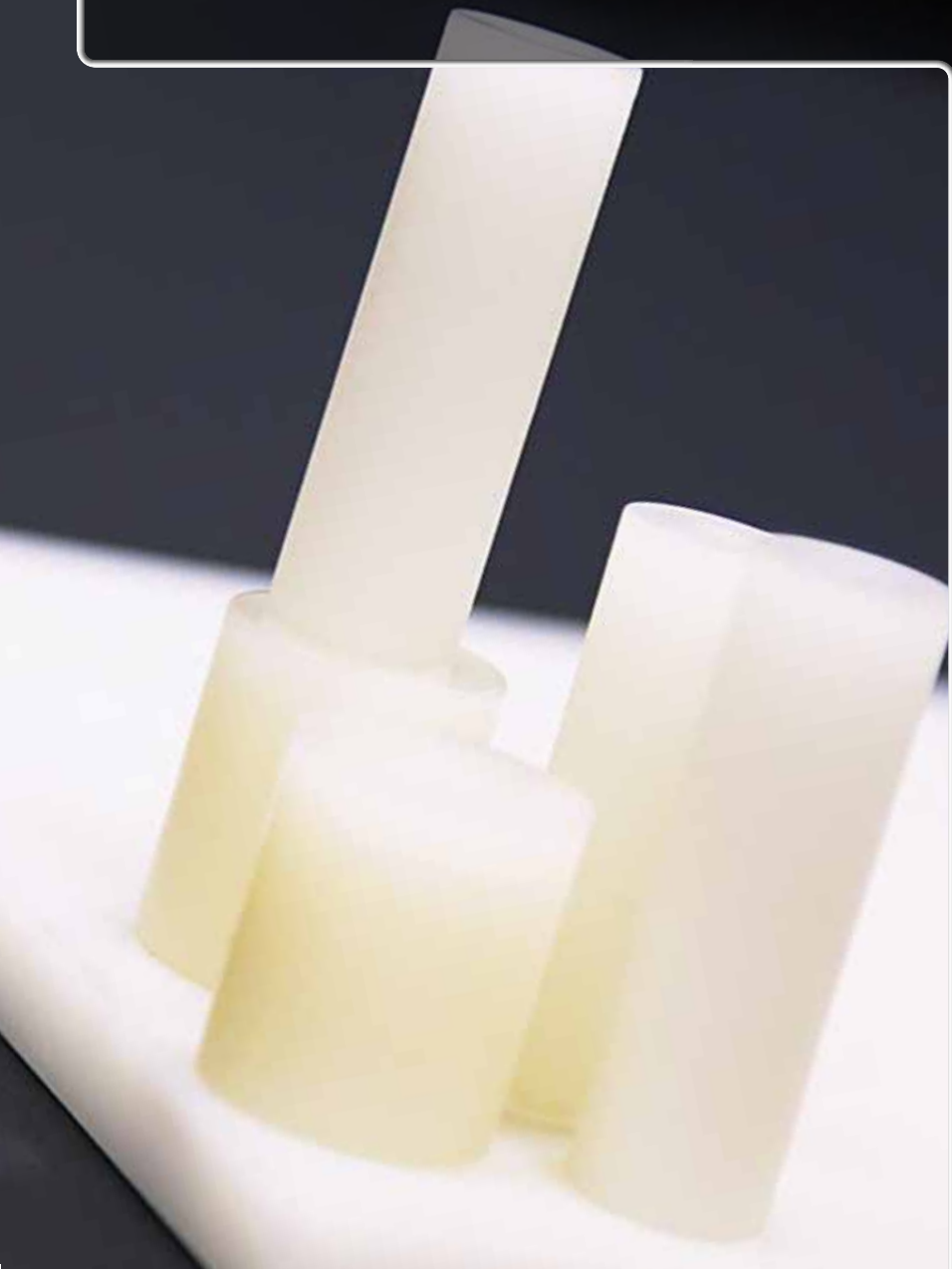


Rod & Plate

**Boston
Matthews**



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	mm	1000	1200
Min. Plate Thickness	mm	8	8
Max. Plate Thickness	mm	120	80
Min. Cut Length	mm	500	500
Max. Cut Length	mm	3100	3100
Output	Kg/hr	22-38	22-38
Dimensions			
Length	mm	7500	7500
Width	mm	2000	2200
Overall Height	mm	2000	2000
Centreline Height	mm	1000	1000

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 kg/hr	Rod cut length	
	Min mm	Max mm			Min mm	Max mm
	EP 5-20	5		10	8	2 to 4
	11	20	4	4	500	3100
EP 22-40	22	40	4	3 to 6	500	3100
EP 22-55	22	55	4	3 to 7.5	500	3100
EP 20-150	20	40	4	10	500	3100
	45	100	2	17.5	500	3100
	105	150	1	17.5	500	3100
120-300	120	300	2	20	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
- Co-Extruders
- High Temperature & Fluorocarbon Extruders
- Cooling & Sizing Baths
- Caterpillar Haul-Off's
- Cutters
- Saws
- Coilers
- Automatic Winders