

MPX24 INTEGRA

baker perkins

A BRAND OF COPERION

Small Batch Production Extruder

Applications include:

- » All types of powder coating formulations
- » Thermoplastics
- » Pharmaceuticals
- » Electronic Moulding Components (EMC)
- » Reprographic toners
- » Chemicals
- » Adhesives
- » Solvents



The compact and versatile MPX24 features fully integrated top feeding, chill roll and a flaking unit to offer a complete process in a portable machine, with the addition of our patented MAX³ feed system throughput is increased by >30%.

With its intuitive interface and simple controls, the **MPX24** is user-friendly and suitable for use in a laboratory for new product and process development, or in a production environment for tasks such as color matching and small batch or low-output continuous production. The MPX24 delivers repeatable results that can be consistently reproduced on production-scale machines.

- » All Baker Perkins extruders feature a clamshell barrel for easy access and cleaning to increase your productive uptime
- » Offers accurate scale-up to production outputs for a risk-free switch to larger batches and continuous processing
- » Complete with remote software support for fault finding and updates to maximize performance and productivity

We also offer the **MPX19** as an alternative laboratory scale for research and small-batch production.

The **MPX19** and **MPX24** are being used successfully in hundreds of manufacturing and research sites globally.

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Features / Benefits

- » High free-volume barrel design
- » Patented MAX³ high intake feed system for increased throughputs
- » One-piece horizontally split clamshell barrel enables easy access and fast and thorough cleaning
- » Splined agitator shafts to distribute torque evenly
- » Fully integrated chill roll and flaking unit with discharge conveyor bypass
- » Electrically heated/water cooled barrel for responsive and efficient temperature control
- » Slab heaters provide more uniform heating and easy maintenance
- » Insert style liners for ease of maintenance and reduced costs
- » Control system with simple touchscreen interface and secure, remote access for updates and troubleshooting

Performance and Engineering Data

- » Typical outputs 100 kg/hr
- » Maximum operating temperature 200°C
- » Speed range 0 - 1,000 rpm
- » Total connected power 9 kW (@ 1,000 rpm)

Major Dimensions

- » Length 2,500 mm
- » Width: 1,000 mm
- » Centerline height: 1,300 mm
- » Overall with feeder: 2,200 mm
- » Approximate weight: 1,000 kg

Optional features

- » Multi-port feed
- » Vent ports atmospheric and vacuum
- » Side feed
- » Alternative discharge
- » Cutter cage
- » Product dies
- » Strand bath
- » Increased operating temperatures



Model	Lab – Small batch production
Model	MPX24
Barrel length L/D	25
Motor power (kW)	9.1
Screw speed rpm	1,000
Maximum output	130 kg/hr
Average output	70 kg/hr

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