

# Custom Tooling For Pipe Processors

Conair has a long history and wealth of experience in downstream extrusion. Conair's PipeMaster tooling is designed for use with the entire PipeMaster plastic pipe extrusion line. From pipe heads to calibration sleeves, the start of your pipe quality begins with the tooling. With tooling components specifically designed and built for pipe applications by extrusion experts, you know your system is designed to work together for the best quality product possible.

Single or multi-layer pipe heads are available as part of the PipeMaster system. These pipe heads are suitable for HDPE, PP-R, PP-H, and PVC pipe production, from single layer to up to 5-layers.

**PIPEMASTER™**



## Quality machined tooling for pipe processors

Pipe producers in the United States have longed for an equipment manufacturer to make equipment appropriate specifically for larger diameter product, in ranges from 0.4 inches – 25 inches OD, and with rates from 550 to 3500 lbs/hr. The PipeMaster line is a nearly turn-key system. The system includes everything from the pipe head (tooling) to the dump table to collect the finished, cut pipe.

The entire scope of supply includes:

- Single and Multi-Layer Pipe Heads
- Bronze Calibration Sleeves
- Pipe Vacuum Tanks
- Secondary Spray Cooling Tanks
- Pipe Haul Offs
- Planetary Pipe Cutters
- Dump Tables

The PipeMaster pipe heads feature internal pipe cooling for reduced cooling lengths. They also have low pressure design with melt channel distribution and ceramic heaters. A die cart is also included, for positioning and vertical pivot for die set removal.

Whether you're a brand new processor in the pipe market, or a long-time supplier, you know the value of equipment designed specifically for your process. Conair's PipeMaster line is exactly that – an entire line of equipment, designed and manufactured from the ground up with pipe processors in mind.

### ► Melt channel distribution

When extruding larger pipe, the melt channel distribution of the head is extremely important. The strength of the future pipe wall relies on appropriate melt of the resin, distributed evenly across the die.

### ► Optimum heat transfer and sizing

Conair's bronze calibration sleeves are designed to size the pipe and remove the initial surface heat to set the OD. The cast bronze construction provides optimum heat transfer while still offering good wear characteristics. Calibration sleeve length is based on the production rate desired.

### ► Cohesive design for application success

Some tooling is designed based on size, and not end product. But Conair's PipeMaster tooling is specifically designed for pipe production, and for use with the pipe line. A system designed to work together provides easier setup and consistent results.

### ► Die mounting cart

For easy positioning in line and for tooling size changes.

### ► Optional die provision for pipe stripes

One, two or four stripes.

### ► Custom adapter

Engineering for the customers extruder.



# Specifications

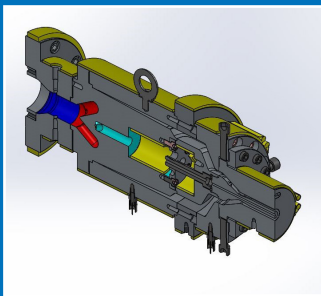
Models	Pipe Diameter Range (in.)	HDPE Output Max. (lb/h)	PP-R Output Max. (lb/h)
MBK 63	.63 - 2.5	550	440
MBK 160	2 - 6.3	1100	880
MBK250	2 - 9.85	1760	1320
MBK400	4.34 - 15.75	2200	1540
MBK 630	9.85 - 24.81	2200	1540

Suitable for HDPE, PP-R and PP-H single-layer pipe production.

### Specification Notes

Specifications may change without notice. Consult a Conair representative for the most current information.

# Features



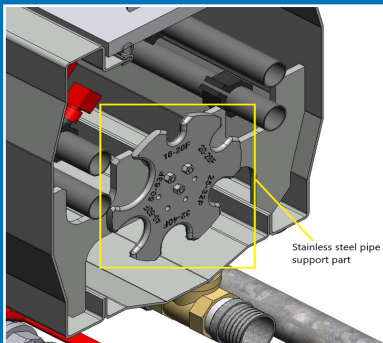
Melt channel distribution



Bronze calibration sleeves

# Product Supports

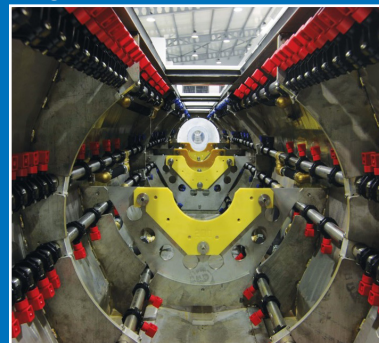
### Small diameter vacuum tanks



Rotary disk with multiple pipe sizes

Stainless steel pipe support part

### Large diameter vacuum tanks



Fixed position pipe per size

### Secondary spray tanks



"V" Rollers accommodates multiple pipe sizes

