



JET KNIFE – PRECISE, CLEAN CUTS

SPECIFICATIONS

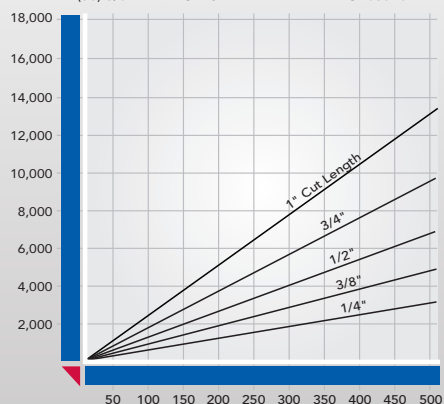
PRECISE CUTTING RESULTS IN CONSISTENT FORMED MEAT PARTICLES

Our Jet Knife is an attachment designed for use in conjunction with our Vari-Kut In-Line Grinder particle reduction system. Ideal for forming individual particulates such as pizza toppings, meatballs, or particulates used in soups and pet food, our Jet Knife can produce product in excess of 10,000 pounds per hour.

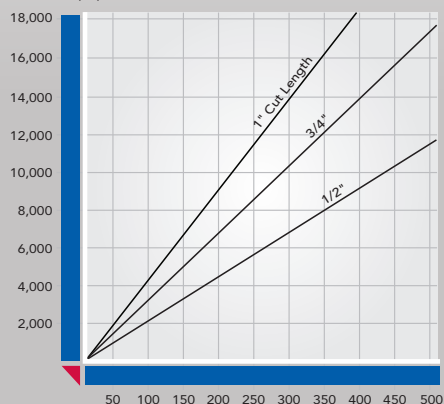


PRODUCTION CAPACITIES:

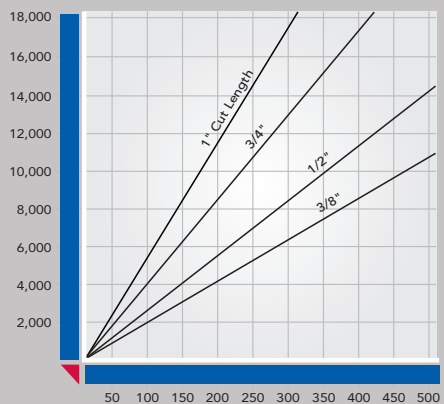
MARLEN JET KNIFE GRINDER PLATE
(30) 3/8" DIA. HOLES – MARLEN PART NO. 635761



MARLEN JET KNIFE GRINDER PLATE
(30) 1/2" DIA. HOLES – MARLEN PART NO. 635775



MARLEN JET KNIFE GRINDER PLATE
(24) 5/8" DIA. HOLES – MARLEN PART NO. 635811



METHOD OF OPERATION

Using our Marlen OPTI Series vacuum pump, the meat formulation is pumped through the Jet Knife whereby it passes through a forming plate. The plate can be configured with one uniform shaped hole or individual holes in the plate can vary, depending on the desired appearance of the finished product. Variable cutting speeds allow for changes to product consistency, definition and texture.

As product passes through the forming plate, steam is injected through the Jet Knife to allow the protein to set up on the surface of the newly formed meat particle. The product is then ejected into a water or oil bath for cooking or onto a conveyor belt which takes the meat particulates through an oven.

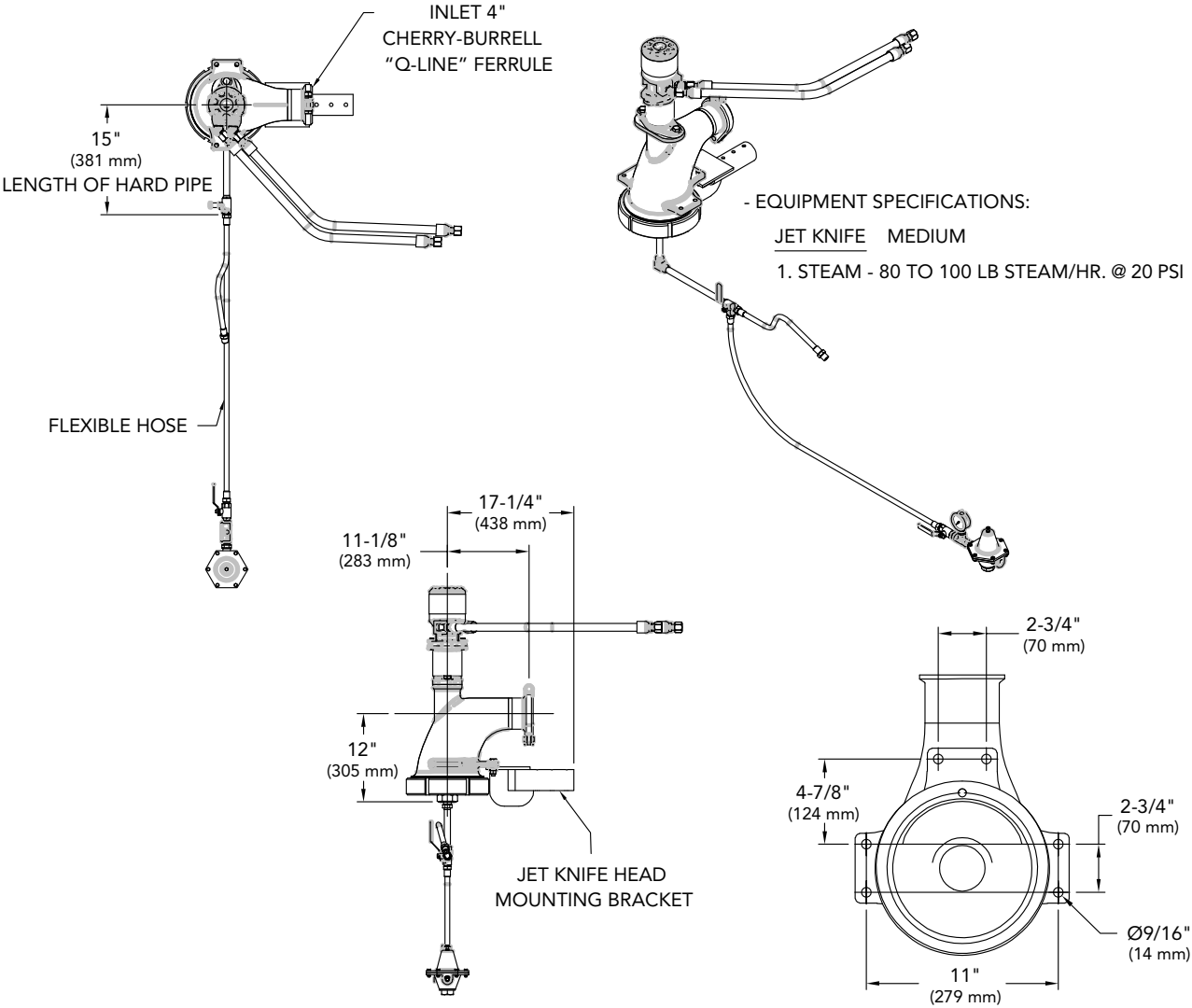
THE BENEFIT

A precise, clean cut for consistent particle definition with decreased drying times and increased shelf life.

TECHNICAL SPECIFICATIONS

MODEL	ELECTRICAL	COOLING WATER
Jet Knife 300-8 (25-hp)	230/460 volt, 3-ph, 60hz, 34/68 amps	Up to 8 gpm

TECHNICAL DRAWING



4780 NW 41ST ST, STE. 100 • RIVERSIDE, MO 64150

TEL 913.888.3333 | TOLL FREE 800.862.7536 | FAX 913.888.6440 | EMAIL: SALES@MARLEN.COM | WWW.MARLEN.COM



MARLEN INTERNATIONAL IS A MEMBER OF THE DURAVANT FAMILY OF COMPANIES

FOOD PROCESSING SOLUTIONS | PACKAGING SOLUTIONS | MATERIAL HANDLING SOLUTIONS | SUPPORTPRO

www.duravant.com