

# METZNER DYNAMAT

Fly-knife cutting machines for tough and at the same time elastic or dusty materials



## FEATURES

- For cutting tough materials like rubber products and textile-reinforced material
- Cuts in length intervals of 0.1 mm | 0.004"
- Up to 4,000 exact cuts per minute. 800 cuts in the stop & go mode
- For dry and moistened cutting
- For materials up to 80 mm | 3.1" diameter (optional: 120 mm | 4.7")



The DYNAMAT impact knife machines are frequently used when materials need to be cut into pill size at high speeds.

Thanks to dust extraction and humidification, they are also ideal for dusty materials.



## ALL TECHNICAL DETAILS AT A GLANCE

Performance data		DYNAMAT
Diameter of material: max.		80 mm   3.15" (option: 120 mm   4.72")
Length interval		0.1 mm   0.004"
Extended safety equipment		✓
Typical repeat accuracy		± (1 mm   0.04" + 0.2 % l)
Feeding speed max.		60 m/min   197 ft./min.
Cutting performance		4.000 cuts/min.
Available cutting technologies		DYNAMAT
Rotary cutting		✓
Technical data		DYNAMAT
Dimensions (L x W x H)		2,500 mm x 600 mm x 1,400 mm   8' 2.4" x 1' 11.6" x 4' 7.1" (with 120 mm   4.72" band: 3,100 mm x 1,000 mm x 1,800 mm   10' 2" x 3' 3.4" x 5' 11")
Electrical connection		3~400 V / 50/60 Hz / 10 A   or adapter
Compressed air connection		—
Weight		315 kg   694 lbs (with 120 mm   4.72" band: 400 kg   882 lbs)
Drive		Siemens
Display		7" touch screen (color)
Motor		servo motor
Consumption kVA		P: 1.4 kVA
Noise (idle)		< 75dB (A)

Status: February 2025