



Maxson Automatic Machinery Company

Clash Adjustment

An exclusive MAXSON design integrated within its dual knife rotary cutter allows an Operator to make adjustments to the cross cutting knives while the sheeter is running. This feature provides the benefit of cleaning the cut edges of the sheet without stopping the machine and insuring Operator safety.

In this sheeter lay out, the cutting section includes knives mounted in an upper and lower rotating cylinders. Using this innovative clash arrangement, the Operator can safely adjust the cross cutting blades while the cutter is running, by transversely shifting the upper cylinder across the width of the cutter to increase (or decrease) clash. Hence the Operator to improve cut quality while running the sheeter.

By turning the clash adjustment the upper knife revolver can be incrementally moved using fine threaded progression. Moving the top cylinder in against the bottom revolver has the effect of increasing knife overlap, compensating for blade wear. Moving the upper revolver back out has the effect of backing away the interference between the two blades when cutting thicker materials