

Graco RS Chop Gun reduces fatigue and increases output in open mold production



CASE STUDY

Challenge

A1 Fiberglass needed to increase production and eliminate downtime in their open mold production lines. Operator fatigue and lost production time due to chopper failures were limiting their ability to increase efficiencies.

Solution

Graco distributor, EnDiSys LLC, approached A1 Fiberglass with an opportunity to try the Graco RS Chop Gun. This new gun was chosen as a viable solution since it was 23 percent lighter than a competitive MVP ATC model installed on the manufacturing line.

Results

Operators at A1 Fiberglass found the Graco RS Gun and cutter to be very lightweight at only 4.46 pounds (2.03 kg). The ergonomic design made the gun easy to handle, which was a key component to increasing production output.

Operators were able to reduce the number of roving strands because they were able to operate the Graco RS Cutter at a higher output. The company virtually eliminated downtime due to glass tangling and bad spots in the roving by decreasing the strands of roving from two strands to one strand. The competitor's gun could not match this performance and required two strands of roving to maintain the required glass output.



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SPECIFICATIONS

END USER

A1 Fiberglass
Montezuma, IA

INDUSTRY

Fiberglass Reinforced Plastics (FRP)

APPLICATION

- Open mold resin application

MATERIAL SPECS

- Type Of Resin: Fire Retardant Laminating Resin
- Resin Supplier: Ashland® Chemical & Interplastic Corporation
- Fiberglass: 200-208 yield
- Glass Supplier: Gibson

Distributor

- EnDiSys LLC

EQUIPMENT

- Graco RS Chop Gun – Internal mix



“The operators especially liked the dual trigger as well as the easy blade changes and external anvil tension adjustment.”

— Mike Hudson
A1 Fiberglass

