

COMPOSITE SPRAY AND ITS MANY BENEFITS

MODERN COMPOSITE SPRAY VERSUS TRADITIONAL HAND-LAY

INCREASING PRODUCTION

Increase production up to 200% using the same staff, the same number of moulds and the same floorspace:

- Spraying Gel-Coat is significantly faster, since only one application is required, NOT two as when brushing.
- As low as 10% labour, meaning staff are free to do other jobs.
- Removes a bottle neck in production.
- Chopper Spray is significantly faster – plus the rolling/consolidating is easier and faster.
- This can equate to a 50% labour saving!
- Current staff levels naturally have higher output once reorganised to spray.
- More products can be made, per mould, per day.



REDUCING COSTS

There are many areas where cost savings are found once Spray Kit is introduced:

- Significantly reduced labour cost per unit.
- Waste reduction – 10% to 15% saving on waste material thrown out in buckets.
- This is a double saving. Throwing away material is throwing away money, but you also have to pay for waste disposal too and this cost is also reduced.
- Significantly reduced solvent usage.
- 10% cost saving in fibreglass. Glass Spray Roving is generally 10% cheaper than matt per kg.
- 30-50% material savings when Spray Gel-Coat is used instead of Brush Gel.
- Reduction of consumables such as buckets, fluffy rollers and brushes.
- Broader labour base (as skilled laminators are not essential) train new staff easily.



IMPROVING QUALITY

Quality is significantly improved by replacing traditional hand-lay with modern spray equipment:

- Guaranteed uniform catalyzation. Eliminating the many issues of under-catalyzation, over-catalyzation, poor mix, varying catalyzation. Giving extensive reduction of production issues.
- Better, stronger laminate.
- Gel-Coat is not reinforced so it is best at 500 microns NOT 2,000 to 3,000 microns.
- There is less chance of chipped or cracked Gel-Coat.
- Fibreglass matt overlap joints are a weak point – Chopper Spray eliminates these.
- Sprayed laminate looks nicer – appearing far more uniform.
- The resin and glass are better consolidated with Chopper Spray – removing air more easily. and superior wetting out the fibreglass strands.
- Spraying Gel-Coat can reduce chances of porosity, aiding the flashing off of styrene.



MAXIMISING PROFIT

Investing in a Spray Gel-Coat machine or Chopper Spray machine is the fastest payback investment you will ever make:

- Composite Spray machines can pay for themselves within one or two months.
- Even small shops with low production see a payback within twelve months.
- It's a "no brainer" – you get your money back within a small timescale but start earning larger profit straight away.
- Giving you the ability to expand production and grow the company without investing in more staff, more moulds or a larger factory space.
- Chopper Spray systems can be brought into an existing factory layout as styrene emissions are the same as hand-lay. Some extraction is recommended and is essential for Gel-Coat spray.



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GlasCraft UK Ltd w: glascraft.co.uk e: sales@glascraft.co.uk t: 0161 764 2977