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REACH CAD contributes significantly to reducing labor costs in apparel production through several key features and capabilities:

1. Automation of Time-Consuming Processes

(i) REACH CAD automates traditionally labor intensive tasks in apparel design and production.

(ii) Pattern engineering is streamlined, reducing the need for manual pattern-making.

(iii) Grading (creating different sizes) can be done in minutes instead of hours, drastically cutting down on labor time.

(iv) Marker planning is automated, optimizing fabric layout and reducing the time spent on this task.

2. Elimination of Manual Errors

By reducing human errors in the design and production process, REACH CAD helps avoid costly mistakes that would otherwise require additional labor to correct:

- (i)** Ensures consistently accurate garment patterns that fit precisely.
- (ii)** Reduces the need for physical prototypes and revisions.
- (iii)** Decreases the likelihood of design errors, preventing costly reworks during production.

3. Enhanced Efficiency and Productivity

REACH CAD improves overall efficiency, allowing companies to produce more with less labor:

- (i)** Enables rapid prototyping and iteration, allowing designers to experiment with different ideas quickly.

(ii) Integrates with other digital tools and systems, streamlining the entire production workflow.

(iii) Facilitates quick modifications to patterns without the need for physical pattern tables and tools.

4. Knowledge Preservation and Reusability

(i) REACH CAD helps companies retain knowledge and reduce reliance on individual expertise.

(ii) Builds a reusable digital knowledge base for patterns and markers.

(iii) Safeguards against knowledge loss due to employee turnover.

(iv) Allows for easy retrieval and modification of existing patterns, reducing the need for skilled labor to recreate designs.

5. Improved Communication and Collaboration

REACH CAD enhances team collaboration, reducing the need for additional staff:

- (i)** Enables digital patterns to be easily shared and modified across teams
- (ii)** Facilitates remote collaboration, allowing team members to work from different locations.

6. Reduced Material Waste

By optimizing fabric usage, REACH CAD indirectly reduces labor costs associated with material handling and waste management:

- (i)** Generates efficient markers that reduce material wastage.
- (ii)** Allows for quick visualization of various pattern layouts on different fabric widths.

By offering these labor-saving features, REACH CAD allows apparel manufacturers to significantly reduce their labor costs while maintaining and improving production quality and efficiency. This not only leads to direct cost savings but also enables companies to allocate their human resources more strategically, focusing on areas where human creativity and expertise are most valuable.

*For more information on how REACH CAD can add value to your business, please email **info@reach-tech.com** and visit **www.reach-tech.com***

enabling agile apparel enterprises for the digital economy

