## Independent IDBI Attachment Step by Step

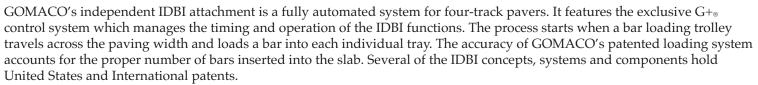




**1:** The bar loading trolley places a bar into each individual bar loading tray across the entire width of the new pavement.



**2:** The forks wait in stand-by mode for the insertion point to be signaled by the G+ control system. The bar loading trays have adjustable-height bar extractors and the trays have been designed for easy bar spacing and width changes to meet each project's exacting specifications.



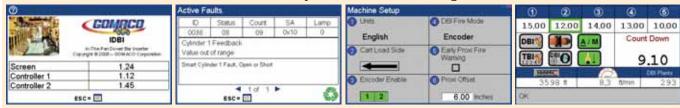
specifications. **ECONACCO** *The Worldwide Leader in Concrete Paving Technology* 



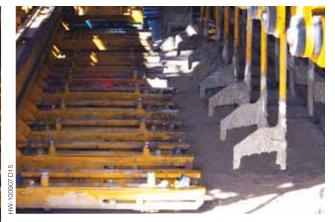
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**3:** Vibration is applied to the forks on insertion to consolidate and close the concrete around the inserted bars. The vibration to the forks is variable, up to 7500 vpm. The paver never stops during the insertion process. GOMACO's exclusive computer-controlled smart cylinder technology provides the state-of-the-art system to maintain the accountability of the depth of the bars upon insertion into the slab.

## GOMACO's Exclusive G+® Control System for the Independent IDBI Attachment-



The IDBI controls have all been designed in-house by GOMACO controls engineers. Its new GOMACO G+ control system is easy to learn and operator-friendly. The IDBI information is presented in a multi-colored graphical display, commands are presented in full text, and it is able to operate in several languages, by customer's choice. It offers the choice of metric or imperial measurements. The new IDBI control system also provides troubleshooting capabilities and other features that will make start up and general paving each day faster and easier. Many projects require both dowel bars and tie bars to be inserted into the concrete slab, and the G+ control system manages all of the bar inserters (front, side, and independent IDBI attachment).



**4:** The patented insertion forks have been designed to provide the industry standard in bar placement accuracy. The holders on the heel and toe of the insertion forks ensure the most accurate bar placement. The fork design and vibration reduces the amount of scarring on insertion and enhances consolidation of material around the bars.



**5:** The IDBI attachment's finishing process includes a tamper bar, unique oscillating straightedge, paving pan and stainless that follow the bar inserters and repair the scarring from the insertion process.



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