

# SDC Chassis

## ***Flexible. Synchronous. High-Speed Assembly.***

Smooth CAM Derived Tooling Motions

Pre-Engineered Motion Modules

Synchronized Servo-Driven Indexing Dial

Integrated Servo-and-PLC Control System

Heavy, Rugged Construction

***Complete Turn-Key Systems Available***



*Enterprising Automation Solutions*



## Features Include...

- Oversized CAM provides smooth and precise tooling motions derived from the reciprocating plates
- Programmable servo-driven indexing table provides accurate, fast and flexible indexing schemes
- Heavy, oversized and precision ground top plate, bottom plate, and framing provide stability and durability
- Upper and lower stationary mounting plates for tooling
- Hand-wheel crank for fine-tune adjustments

## Standard SDChassis Technical Specs

<b>Machine Speed:</b>	Up to 90 cycles per minute
<b>Indexing Table Diameters:</b>	30 — 36-in. (inquire about larger diameters)
<b>Indexing Accuracy:</b>	± .002-in.
<b>Indexing Torque :</b>	6000 in/lbs
<b>Indexing Table Stations:</b>	4 to 48 Fixture stations
<b>Motion Modules:</b>	Mount up to 24 per machine Vertical Motions: Up to 3-in. Horizontal Motions: Up to 6-in.
<b>Electrical Requirements:</b>	480 Volts, 15 Amps, 60Hz, 3 Phase

Contact us to see if our Enterprising **SDChassis** can help you achieve success on your next assembly or processing project.



**Steven Douglas Corp.**  
*Enterprising Automation Solutions*

## Motion Module Tooling

Engineered tooling for the SDChassis Motion Modules allows you to achieve most common assembly motions...pick-and-place, light press, vertical and horizontal slides, probing, escapement, and other motions.

Additionally, all our standard modules can be customized, and new tooling can be designed and built to meet your specific application.

The **SDChassis** is a World-class, high-speed, synchronous assembly and processing platform, offering flexible tooling and table arrangements.

## Complete Integration

SDC works with you on every SDChassis to deliver a complete assembly and/or processing solution.

Common SDChassis cells include: Robotic loading and/or unloading, Bowl and other types of parts feeding systems, In-feed and out-feed conveyors, etc...

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