

# PlateCrane™ SciClops Robotic Arm With 360° Unlimited Rotation

Provides extended accessibility  
for tough to reach instrumentation.

It's great new features include:

- 40% larger work envelope than PlateCrane EX
- Unlimited rotation
- Extended reach capabilities



**PlateCrane SciClops**

**Hudson's PlateCrane SciClops is flexible enough for automating any plate-handling task.  
Change the way you think about laboratory robots!**

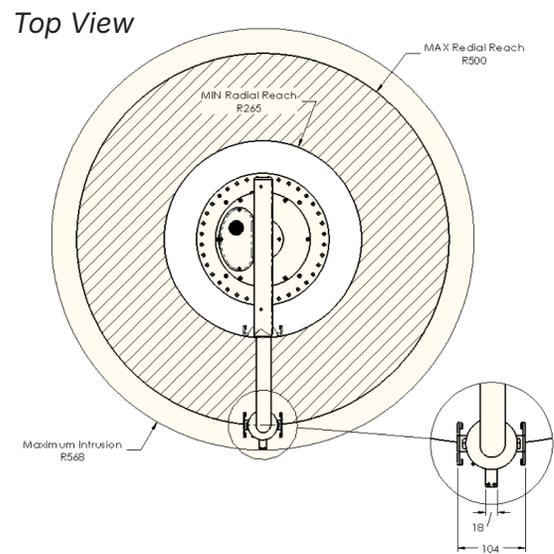
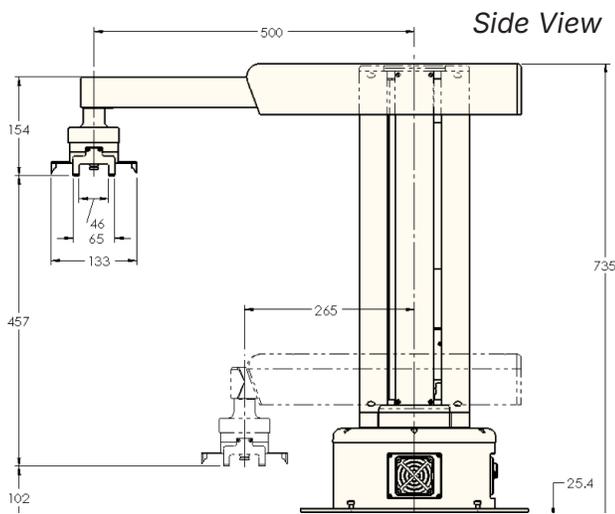
- Handles any ANSI SLAS-standard microplate including 96, 384, 1536- well, deep-well blocks and tip boxes.
- Plug-and-Play USB computer interface.
- Automated plate handling with over 200 different instruments.
- Works with lidded or unlidded plates.
- Small enough to fit into a standard laboratory hood.
- Random access stacker option for room temperature incubations and kinetic assays.
- Add additional plates to running protocols with ease.
- All PlateCrane systems come with SoftLinX V Scheduling software. SoftLinX is an easy to use, drag-and-drop control program. Quickly and easily create automated methods.
- One SciClops easily supports multiple instruments.

# Applications

The PlateCrane SciClops is the easiest solution to implement and use for automating plate handling in the lab.

- **ELISAs:** Dispensers, Washers, Readers
- **Synthetic Biology:** DNA Purification, Extractions, Colony Picking
- **Cellular Assays:** Flow Cytometers, HCS, DLS, Microscopes
- **Sample Prep & Purifications:** SPE, Serial Dilution, Filtrations

PlateCrane SciClops - Expanded Work Envelope



## Specifications

The SciClops is available with either a standard gripper\* or a side gripper\* for random access applications.

- 360°+ (unlimited) horizontal rotation for unparalleled flexibility.
- All PlateCrane systems work with lidded plates.
- Comes standard with 5 stacks; each stack holds 25 lidded plates, 30 plates without lids or 9 DW blocks
- Plate capacity can be expanded to 15 stacks or up to three 10-stack carousels.
- 265 to 500 mm horizontal reach from center axis.

\* Both grippers are rotary for working with either landscape or portrait nest positions

<b>Vertical reach</b>	Maximum 22 inches from table; 18 inches vertical travel distance Extended height is available with SciClops Plus or our Protean Workcell.
<b>Height and weight</b>	28 - 29 inches; 45lbs. without stacks
<b>Operating temperature and humidity</b>	15° to 40°C (59° to 104°F); 0 to 85%, non-condensing
<b>Computer interface</b>	USB
<b>Power input</b>	115V / 220V AC, 50/60 Hz ; 2A

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