



PRECISION AUTOMATION FOR FLAWLESS SURFACE FINISHING

Designed for automated manufacturing environments, the Collaborative Sanding Cart delivers precision surface finishing with consistent, repeatable results and minimal downtime. Engineered to eliminate the variability of manual sanding, this mobile, self-contained workstation integrates seamlessly into both high-mix, low-volume operations and dedicated production lines.

INCREASE THROUGHPUT WITHOUT COMPROMISING FINISH QUALITY

Built for performance, safety, and efficiency, the Collaborative Sanding Cart improves throughput, enhances surface quality, and reduces operator fatigue while supporting a safer, more productive workforce.

Mobile Sanding Cart | General Features

- Maintains a constant pressure against uneven or curve surfaces
- Detects micro-gram changes in surface resistance to prevent gouging
- Automatically alters robot's path based on real-time surface feedback
- Offline Programming reduces physical setup downtime
- Ensures consistent finishes of parts, down to fractions of a millimeter
- Quick-Change Media Systems via automated changing stations
- Built in storage for selection of tools and media on Stronghand Cart
- Up to 10kg of payload for lifting and sanding
- 110V power supply



Mobile Sanding Cart | Add Ons



Jitterbug Orbital Sander
Eccentric stroke: 3/32"
(2.5mm)
Pad dimensions: 3-2/3"x7"
(93x180mm)



Angled Grind Plate
Abrasive diameter: 5"
Spindle: 5/8"-11



Large Orbital Sander
Tool orbit: 3/16" (5mm)
Pad diameter: 6" (152mm)



Shroud Angled Grind Plate
Abrasive diameter: 4-1/2"
Spindle: 5/8"-11



Orbital Sander
Tool orbit: 3/16" (5mm)
Pad diameter: 5" (127mm)



Die Grinder
Wheel arbor diameter: 1/2"
Max. wheel width: 3"