



The Leaders in  
Concrete Grinding and  
Polishing Technology

## STI-5430 Prep/Master

Ideal for polishing projects greater than 20,000sqft  
Versatile machine despite it's weight and size  
Easy to transport and load

Quick disassembly for passage through 3' doorways and loading

Easier to operate than planetary gear machines

The operator doesn't fight the machine - He runs it!

Movable weight system for multiple applications

Variable speed drive for unlimited speed variation



## Production Rates of the STI-5430 Prep/Master

Mastic removal rates of 1,000sqft per hour  
Thin-Set removal rates of 1,000sqft per hour  
Thin-Mil coatings removal of 500sqft per hour  
Concrete polishing rates of 10,000sqft per hour/per step

Specifications	
Motor	30h.p. 3 phase
Power Source	230 VAC 3 phase 60Hz
Current	56 amps soft start
Motor RPM	2625 @ 90Hz
Power Cord	25 feet (4-4)
Vacuum Hose	2" x 25' x Two
Weight	2,000lbs.
Tool RPM	762rpm @ 90Hz
Pressure on Tools	1515 w/out weights 1850 w/weights
Tools Available	All
Dimensions	72.25" L x 54" W x 44" H
Cleaning Path	28" x 84" sweep
Recommended Vacuum	STI-600-6-1 Prep/Master or Equivalent