

# SG1650-WJS+B

## WHOLE SHEET SURFACE SANDING, GRINDING & FINISHING MACHINE MODEL

**SG1650-WJS+B is widely used in the applications of whole sheets or large scaled parts precision grinding to certain thickness, precision surface sanding to certain surface roughness, and etc. Suitable materials includes titanium, molybdenum, aluminum, stainless steel, and carbon steel.**

### APPLICATIONS

SG1650-WJS+B is capable of following applications: precision grinding to certain thickness, precision surface sanding to certain surface roughness, surface roughening, surface finishing & polishing, and etc. The conveyor table can be configured to reciprocating movement, hence especially for large and heavy parts, it can be processed by the work stations with multiple passes. By exchanging different grit wide abrasive belt, specific surface requirement can be achieved. Work stations are modular and configurable to achieve specific requirements, for example double wide abrasive belt heads, single wide abrasive belt head + polishing barrel station, and etc.

### MACHINE CHARACTERISTIC OVERVIEW

- Wet operation
- SKF precision bearings are used to achieve optimal performance and durability
- Heavily constructed machine frame for longer machine life span
- Rubberized roller type conveyor to provide smooth feeding
- Optional connecting roller conveyors at machine entrance and exit for feeding and receiving long and heavy parts, sync height movement with the machine
- Automatic cutting fluid filtration unit
- Optional reciprocating type processing
- Maximum working width:  
51"/65"/75"



### OPTIONAL CONFIGURATION

- Modular and various combinations of wide abrasive belt heads and polishing barrels are available

### TECHNICAL DATASHEET

Maximum working width	62"
Minimum working length	28"
Conveyor feeding rate	6.6 ft - 59 ft/min
Working thickness range	0.02" - 1.6"
Wide abrasive belt dimension	65" x 103"
Total power	131 HP
Machine weight	17637 lbs
Machine dimension	138" x 130" x 89"