



# SHP 45

## AUTOMATIC TOOTH BASE GRINDING MACHINE (WITH ROBOT)



### Special features

- The robotic tooth base grinder uses a diamond grinding wheel to effectively remove the oxide layer from laser cutting, helping to improve weld rake angle consistency and weld strength.
- The machine utilizes PLC and touchscreen controls for quick and easy parameter setting. Its highly rigid bed and high-power spindle ensure high grinding efficiency.
- The robotic arm can hold up to 100 saw blades at a time, enabling automated loading and unloading, improving work efficiency and reducing labor costs. A single person can operate 10 machines.

### Technical data:

- Diameter of saw blades: With robot:120~500mm  
Without robot: 120-600mm
- Power: 1.0KW
- Wire brush diameter\*core\*thickness: 254\*25.4\*3mm
- Voltage (3 power line+earth wire) : AC 380V 3\*2.5mm<sup>2</sup>+1.5
- 8 hours work efficiency : 12"-96T: 8000-10000PCS
- Number of saw blades placed by robot arm : 100pcs thickness 2.0mm saw blade
- Robot saw blade changing speed : 5-10S
- Air pressure :  $\geq 0.5$ Mpa
- Dimension : 1765\*940\*1480mm
- N.W.:550KG