

Multi-Head Configuration Head Combination
As Desired High Polishes

多頭結構 | 隨意組合 | 高效能拋光



Replacing Sanding Strip

Before replacing sanding strips on the entire disk assembly, slide the fixing collar on the disk, then remove the disk for replacing sanding strips.

更換砂布片

欲更換圓盤上之砂布片時，先將圓盤組拉出，滑動圓盤固定環，就可取下圓盤以便換砂布片。



Replacing Sanding Strip

Before replacing Sanding strips on the Polishing roller, pull out the polishing roller. Take out the O ring for replacing sanding strips.

更換砂布片

欲更換拋光輪上之砂布片時，先將拋光輪拉出，取出O型環，即可更換砂布片。



Conveyor Belt Drive Motor

The conveyor belt is driven by a 2HP motor and transmitted through a worm gear speed reducer (speed reduction ratio 1:50), which provides a powerful drive for the conveyor belt.

輸送帶馬達

輸送帶採用2HP馬達驅動，並經由渦輪減速機傳動(速比1:50)，提供輸送帶之強力驅動。

Curved Surface Polishing Machine 異型平面拋光機

SPECIFICATIONS	規格表	STA-1000	STA-1300
MACHINING CAPACITY	加工能力		
Max. machining width	最大加工寬度	1000 mm	1300 mm
Max. machining thickness	最大加工厚度	130 mm	130 mm
Min. machining length	最小加工長度	480 mm	480 mm
POLISHING DISK	圓盤		
Disk diameter	圓盤直徑	Ø 180 mm	Ø 180 mm
Disk running speed	圓盤轉速	100-500 R.P.M(變頻器無段變速) (Variable speed by free inverter)	100-500 R.P.M(變頻器無段變速) (Variable speed by free inverter)
Number of disks	圓盤數量	9	11
POLISHING ROLLER	棕刷輪		
Polishing roller diameter	棕刷輪直徑	Ø 360 x 1000 mm	Ø 360 x 1300 mm
Polishing roller running speed	棕刷輪轉速	100-390 R.P.M(變頻器無段變速) (Variable speed by free inverter)	100-390 R.P.M(變頻器無段變速) (Variable speed by free inverter)
FEED SYSTEM	送料系統		
Feed speed	送料速度	3-20 m/min (變頻器無段變速) (Variable speed by free inverter)	3-20 m/min (變頻器無段變速) (Variable speed by free inverter)
Conveyor table height from floor	輸送台面離地高度	900 mm	900 mm
MOTOR	馬達		
Disk running motor	圓盤旋轉馬達	2 HP	2 HP
Disk oscillating motor	圓盤擺動馬達	1/4 HP	1/4 HP
Disk elevation motor	圓盤升降馬達	1/4 HP	1/4 HP
Polishing roller running motor	棕刷輪旋轉馬達	2 HP	2 HP
Polishing roller elevation motor	棕刷輪升降馬達	1/4 HP	1/4 HP
Feed motor	送料馬達	2 HP	2 HP
OTHERS	其他		
Dust hood outlet diameter	集塵罩出口徑	4"	4"
Net weight / Gross weight of machine	機械淨重/毛重	2000 KGS	2500 KGS
Machine dimensions (LxWxH)	機械尺寸(長x寬x高)	1900 x 2000 x 1900 mm	2720 x 2200 x 2000 mm
Packing dimensions(LxWxH)	裝箱尺寸(長x寬x高)	2000 x 2100 x 2000 mm	2820 x 2240 x 2100 mm

- Specifications and design features are subject to change without notice in advance.
- 本公司保留機械規格與設計特性變更之權力，恕不另行通知。



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SAT SERIES Curved Surface Polishing Machine

Multi-Head Configuration Head Combination
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STA SERIES

Curved Surface Polishing Machine 異型平面拋光機



The Curved Surface Polishing Machine developed by Suntek features extra high efficiency in Polishing operation, that significantly saves manual Polishing. The multi-head configuration provides flexible head combination scorching to customer requirement.

- The head combination of Polishing disks and polishing Roller exhibit extraordinary Polishing performance.
- Integrating multi-functions in one for high cost to performance ratio.
- The disks oscillate during polishing contributes to Polishing effect.
- Each head rotation is controlled by an individual frequency inverter.
- Modular design allows consumables to be replaced conveniently and fast.
- Highly rigid machine structure ensures maximum stability during machining.

千峻公司成功的開發出異型平面拋光機，具有高效率的拋光特色。

可大幅節省人工拋光作業。

多頭式結構，可依客戶需求隨意組合。

- 拋光圓盤及拋光輪組合，展現獨特拋光性能。
- 一機多功能，高性價比。
- 圓盤擺動拋光，效果提升。
- 每個頭部旋轉，皆採用變頻器控制。
- 模組化設計，耗材更換方便、快速。
- 高剛性機械結構，加工穩定性優異。



First Head :

- Consisting of a number of Polishing disks.
- Disk diameter : 180mm
- Number of disks : 11pcs (1.3M model)
- Oscillating polish

Second Head :

- Disk diameter : 180mm
- Number of disks : 11pcs (1.3M model)
- Oscillating polish
- Consisting of a number of Polishing disks.

Third Head :

- Straight feed Polishing roller.
- Polishing roller diameter : 360mm
- Helical polishing Roller dramatically upgrades Polishing effect.

第一組 砂光單元 :

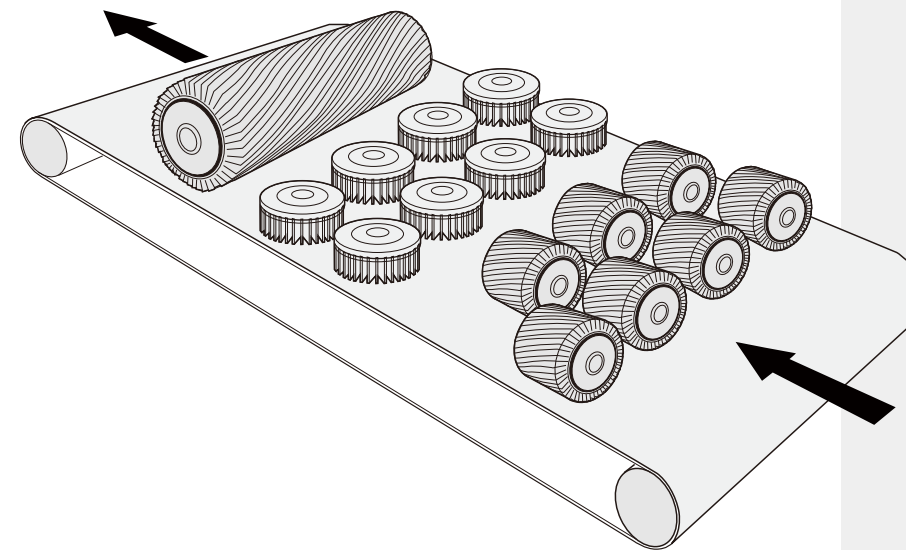
- 由多個直進式拋光輪組成
- 拋光輪直徑：300mm
- 拋光輪數量：7個（1.3米機型）
- 左右擺動拋光

第二組 砂光單元 :

- 由多個拋光圓盤組成
- 圓盤直徑：180mm
- 圓盤數量：11個（1.3米機型）
- 左右擺動拋光

第三組 砂光單元 :

- 直進式拋光輪
- 拋光輪直徑：360mm
- 螺旋式結構，拋光效果提升



Touch Screen

- The control system employs a touch screen that offers User-friendly human-machine interface.
- Chinese/English display to select. (Multi-nations Language display will be available)

觸控螢幕

- 電控系統使用觸控螢幕，提供簡易的人機介面。
- 中/英文畫面選擇。（陸續新增多國語言）



Disk Oscillation

- The polishing disks on the first and the second head oscillate during Polishing, which way help to upgrade Polishing performance.
- Oscillating path is equipped with linear guideways for smooth oscillating motions.

Powered Elevation of Polishing Head

- Each polishing head is elevated independently.
- Individual motor is used for elevation drive.
- Equipped with linear guideways for effortless elevation motions.

圓盤擺動

- 第一頭及第二頭拋光圓盤，可作左右擺動，有助於提升拋光性能。
- 擺動路徑配置線性滑軌，擺動動作順暢。

拋光頭電動升降

- 每個拋光頭為獨立升降控制。
- 採用獨立馬達驅動升降。
- 附有線性滑軌，升降動作輕巧。



Stable Control Performance

The electric control circuit consists of high quality electronic components, featuring extremely stable control performance and long service life.

Frequency Inverter Control

Each polishing head and feed system are equipped with independent frequency inverter, that provides variable speed change.

穩定的電控性能

電控回路採用高級電子元件，控制性能穩定，使用壽命長。

變頻器控制

每個拋光頭及送料機構附有獨立的變頻器控制，提供無段變速。