

# SALIDA R4DD Automate Rotation Brush Sander



## Machine Features

- ★ This model is suitable for sanding profiles with a depth of 12mm~16mm, including doors and irregular curves. It is used for surface sanding, moulding profile sanding, and 3D carved sanding. Grooves sanding with the SL-R4DD can reduce the workforce, easily replace 20 workers, and increase productivity!
- ★ Sealer sanding can help blend in or create a uniform staining and top coat look.
- ★ The method of roller coating always produces very sharp edges after UV drying. This can be effectively eliminated with this machine configuration.
- ★ A "pulling" sanding method avoids wavy surfaces and penetrates deeply into milled grooves.
- ★ It can remove wood fibers from the product during sanding.
- ★ This machine can reduce the thin sanding mark (grain) left on the surface of the wood piece.
- ★ Brush sanding can help even out the sealer over the part.

This high quality brush sanding machine ensures excellent product quality with dramatically reduce labor costs.

Since 1989 we have been working in this filed and have been cooperating with many OEMs such as 'QUICKWOOD" and "TIMESAVERS, these prove that we provide the best quality and performance to our customers and our machine's quality are same those Europe big brand.

### Specifications

<b>Model No.</b>	<b>SL-1350R4DD</b>	<b>SL-1100R4DD</b>
Max. Working width	1350mm	1100mm
Max. Working Height	100mm	100mm
Min.Work-pieces:	L: 300 × W: 200mm	L: 300 × W: 200mm
Min. Work-pieces Thickness:	5 mm	5 mm
Conveyor Motor	5HP	5HP
Vacuum Function	15HP + 15HP	15HP + 15HP
R4 Head Motor	3HP × 4	3HP × 4
Rotation Function - R4 Head	3HP	3HP
Oscillation Function -R4 Head	1/4HP × 4	1/4HP × 4
Lifting – R4 Head	1/2HP	1/2HP
Disc Head Motor	3HP	3HP
Oscillation Function –Disc Head	1/2HP	1/2HP
Lifting – Disc Head	1/2HP	1/2HP
Conveyor speed	2 ~ 12 M/min Schneider Inverter	2 ~ 12 M/min Schneider Inverter
R4 Brush Head Speed	100 ~ 1000 R.P.M. Schneider Inverter	100 ~ 1000 R.P.M. Schneider Inverter
Disc Brush Head Speed	100 ~ 400 R.P.M. Schneider Inverter	100 ~ 400 R.P.M. Schneider Inverter
Rotation Speed	2 ~ 20 R.P.M Schneider Inverter	2 ~ 20 R.P.M Schneider Inverter

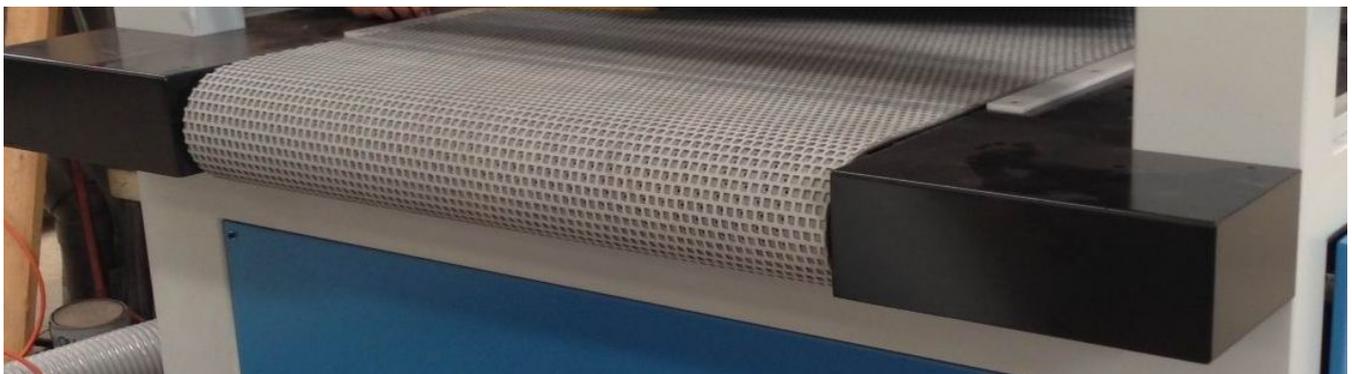
## MACHINE FRAME:

- ★The main frame is fabrication of heavy steel plate
- ★Machine manufactured per CE regulations according to European general machinery directive.
- ★Machine frame for both forklift and hook.



## FEED SYSTEM:

- ★Cigo seamless belts , we are import from Italy , the life time and quality are best !
- ★Drive unit with motor variator controlled by inverter for feed speed variation
- ★Feed speed variable in continuous from 2 ~ 12m/min
- ★Vacuum table and pump with motor 15HP+15HP
- ★ a perfect vacuum system guarantees that even small work pieces can be feed surely !

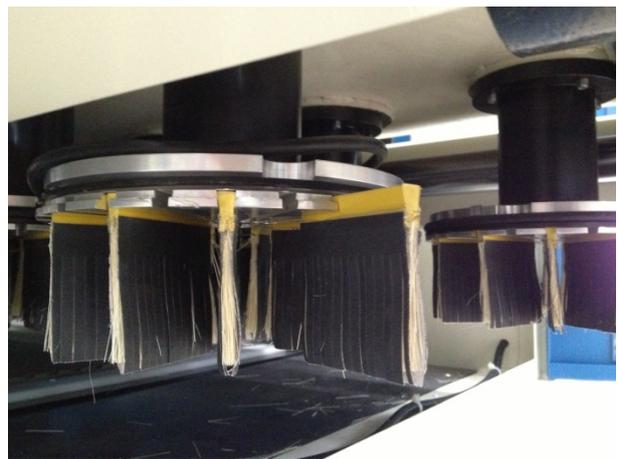


## SANDING UNITS

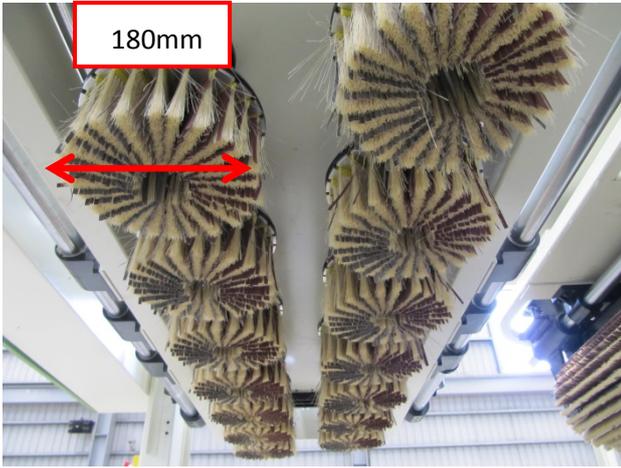


### First Unit: Disc Brush Head

- ★ This working unit is one Disc-station with 14 or 16 round discs , the disc diameter is 180mm.
- ★ Each Raw with 8 pcs or 7 pcs Of Disc head .
- ★ The working station can slide out, it is very easy to change the abrasive strips



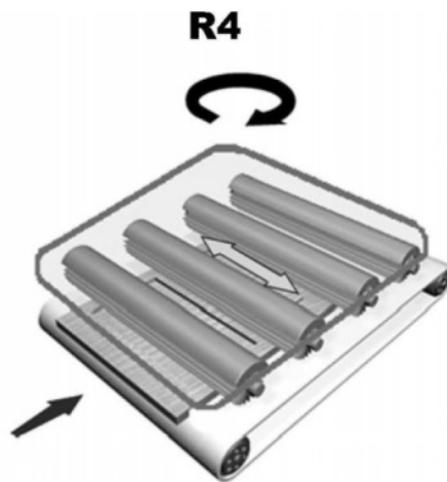
- ★ The discs head power is 3HP, the rotation speed range 100 ~ 400 R.P.M. Adjustment by Inverter.
- ★ 12pcs abrasive strips are spiraled on each Disc Head, 16 Disc Head have 192 pcs abrasive strips in all. 14 Disc Head have 168 pcs abrasive strips in all.



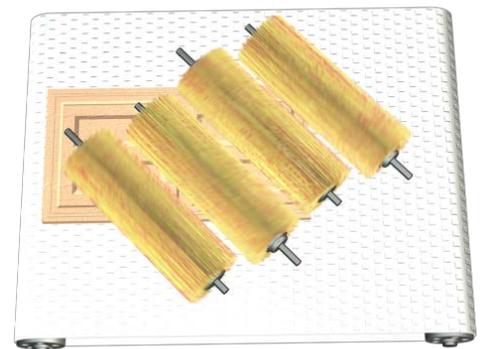
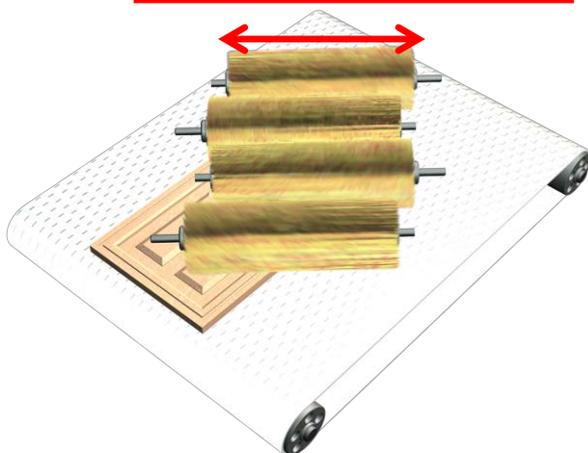
★The Disc Head with Oscillation Function, This design, are able to reach the depth of the cupboard or bottom of carving door, which is bring polishing function into full play. the Oscillation power is 1/2HP.

Second Unit: R4 Brush Head

★4 level brush heads, but also can rotate plate with 4 level brush heads , the place wich needs to be sant will be more than panel brush type.



Length:1240mm or 956mm



★Motor power: 3HP for each roller , Total 3HP× 4

★15pcs abrasive strips are spiraled on each roller, 4 rollers have 60 pcs abrasive strips in all.

★The R4 head length is 1270mm or 956mm.

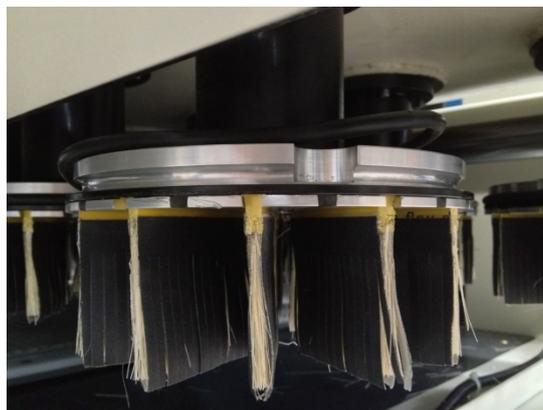
★The R4 Head with Oscillation Function, This design, are able to reach the depth of the cupboard or bottom of carving door, which is bring polishing function into full play. the Oscillation power is  $1/4\text{HP} \times 4$

★The R4 head power is 3HP, the rotation speed range 200~ 1200 R.P.M. Adjustment by Inverter.

★It' s very easy and convenient to replace the brush wear strip



★This machines install " Double Side Sanding strip" , can sanding raw sanding and sealer sanding on the same time and don't need to change the Sanding paper . so that will fit customer requirement ,



## ELECTRIC

★PLC Control Panel , with the Memory Storage functions 100 set , even different peoples to adjust the machine ,always keep high sanding quality



★The Inverter is Schneider brand



## Optional : Edge Side Sanding machine for R4DD

As an can optional extra the edge side sanding unit and place in front of at the required width.  
(the unit is manually positioned at the required width)

One Right & one left side sanding heads , The sanding heads with the oscillation function.



Model:	SL-S152
Max.Working width	1400mm
Max working height	100mm
Min.work-piece thickness	10mm
Min.work-piece Length	1000mm
Min.work-piece width	250mm
Sanding Head Motor	1/2 HP × 2
Sanding Head Length	152 mm
Sanding Head Diameter	231mm / standard

## OPTIONAL Feed Machine

Feed machine ,

Motor	1 HP
Speed	2 ~ 12 M/min
Adjust by Inverter	



