

### Powerfin 1915 - VG751915 Series

The **RJH POWERFIN 1915** is a heavy duty through-feed belt grinder designed for the grinding and brushing of flat components in a wide range of materials. The Powerfin 1915 complies with the European Machinery Directive. All RJH industrial machines carry a 12 month warranty and are supplied with an operating manual.

#### KEY FEATURES

- Belt grinding only or combined belt grinding/brushing
- Up to 4 belt grinding heads and 2 brushing heads
- Manual belt tracking
- Mechanical belt tensioning
- 70° Shore grooved contact wheel
- Rubber pressure rollers in front of and after each unit
- Digital mechanical thickness readout 1-10mm
- Automatic Star/Delta starters
- Supplied with a contact wheel for each belt grinding head

#### SAFETY FEATURES

- Ammeter
- Electrical interlock on main door
- In-feed safety bar
- Integral dust hood
- Non-slip conveyor belt
- Dust extraction outlets - one per head

*Belts and brushes are NOT supplied with the machine and must be purchased separately – please contact our sales office for more information*

#### OPTIONAL REFINEMENTS

- Abrasive belt against instead of with the feed
- Floating head\*
- Top brush units (non-oscillating), brush 165mm dia\*
- Variable speed conveyor 3m/min - 8m/min (for machines without top brush units) \*
- Variable speed conveyor 2m/min - 6m/min (for machines with top brush units)\*
- Variable speed belt drive motor\*
- Multi heads for graded finishing\*
- Magnetic platen\*
- Height adjustment via motor drive with electronic digital thickness readout, up to 0.1mm\*
- Dust extraction system\*
- Vacuum zone with non-slip conveyor for grinding small parts\*
- Stainless steel bodywork and paper belt for wet grinding\*

*\* Please note that these items are factory fitted at the point of manufacture*



**Powerfin 1915**

### Powerfin 1915 - VG751915 Series - continued..

#### Specification:

MODEL	VG7519150*	VG7519152*	VG7519153*	VG75191560
No. of Belt Heads	1	2	3	4
No. of Bushing Heads	0, 1 or 2	0, 1 or 2	0 or 1	N/A
Drive Motor	1 x 3kw	2 x 3kw	3 x 3kw	4 x 3kw
Conveyor Motor	0.55kw/0.75kw			
Brush Motor	3kw			
Electrical Supply	400V/3phase/50Hz			
Belt Size, width x length	150 x 1900mm			
Contact Wheel Size, diameter x width	122 x 160mm			
Belt Speed	20m/sec			
Max Brush Size, diameter x width	200 x 150mm			
Brush Spindle Speed	1500rpm			
Conveyor Belt Speed	5m/min			
Maximum Component Height	200mm			
Minimum Component Length	190mm (240mm for machines with brush unit)			
Conveyor Height from floor	800mm			
Machine Dimensions, length x depth x height - excl brushing heads	1.15 x 0.7 x 1.7m	1.35 x 0.7 x 1.7m	1.5 x 0.7 x 1.7m	1.8 x 0.7 x 1.7m
Dust Extraction Outlet, diameter	100mm	100mm	100mm	100mm
Weight	400-650kg	520-760kg	720-800kg	840kg

Model: replace \* with 0 for belt grinding only, 1 for one brushing head, and 2 for two brushing heads