

# Belt Grinder/Polisher

M-P100WR



## Instruction



### Operation video



**Rotational speed display**  
Clear and easy

**Variable rotational speed**  
Adjust the speed according to  
different sample material

**Faucet**  
For sample cleaning

**High efficiency motor**  
Low rotational speed with high  
torque ensure stability

**Vent**  
Allow installing  
ventilation equipment

**Water value switch**  
For adjusting liquid flow



## Features

### Anti-splash cover

- Stainless steel
- Easy to install / take off
- Easy to replace S/C belt
- Special vacuum design to keep machine always clean

### Option



### Handle

Easy to replace (S/C) belt



### Control button

For the position adjustment of silicon carbide belt

## Worthy Options - Working Table



### Working Table

Multifunctional working table, it supplies you a place to put your machine and store your accessories. It can be moved easily.

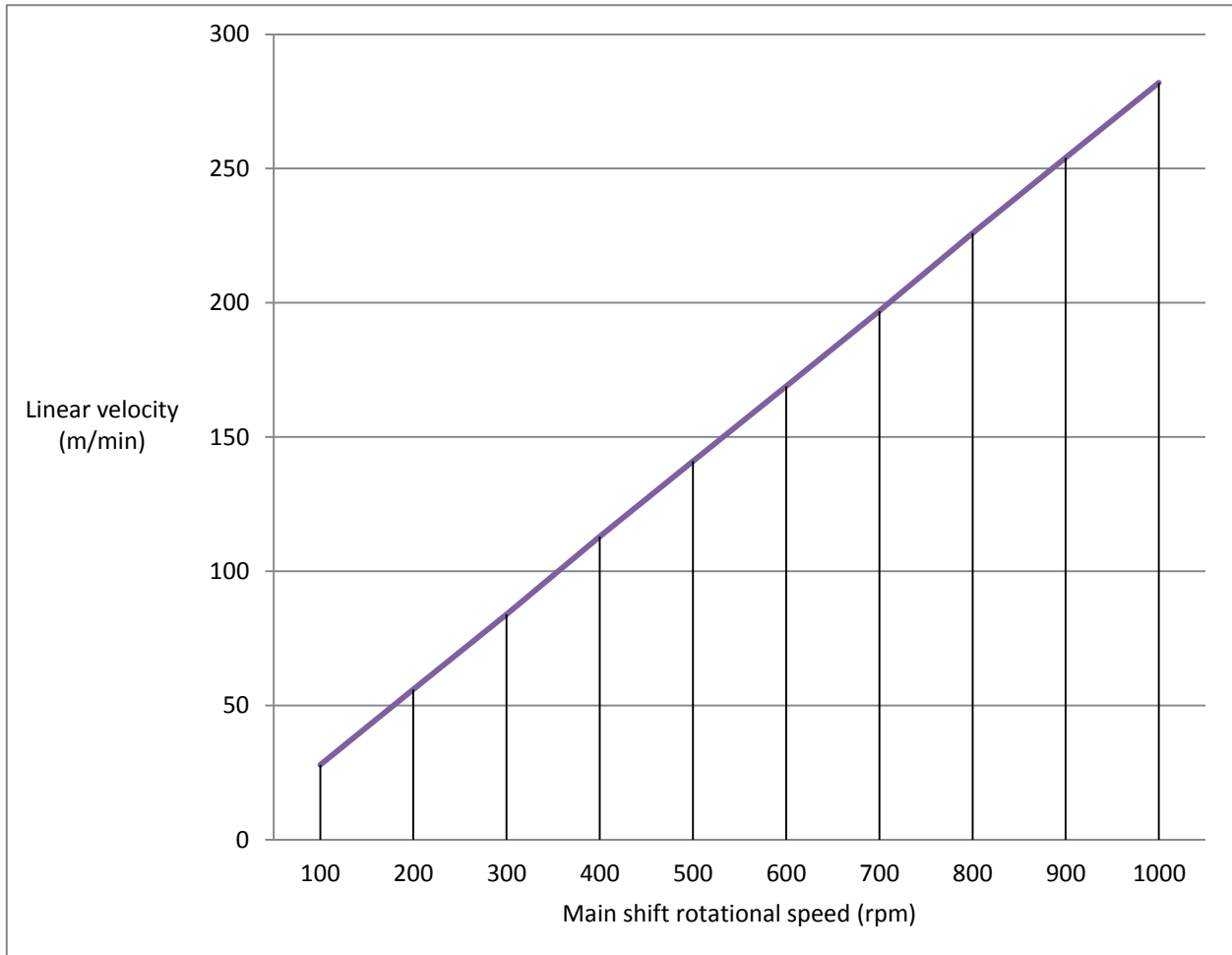
| Model No. | TF01                                                                                | TF02                                                                                  |
|-----------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Size      | 1000*800*700 mm                                                                     | 1200*1000*700 mm                                                                      |
| Sample    |  |  |

## Specification

| Model                     | M-P100WR                                       |
|---------------------------|------------------------------------------------|
| Silicon carbide belt size | 4"x36"                                         |
| Grinding capacity         | 100mmx210mm                                    |
| Silicon carbide belt qty. | 2                                              |
| Noise Level (idling)      | 61dB~70dB                                      |
| Motor power               | 370W                                           |
| Rotational speed          | 100~1000rpm                                    |
| Speed display             | LED display                                    |
| Linear velocity (m/min)   | 28~280m/min                                    |
| Grinding method           | Both wet/dry grinding                          |
| Machine type              | Table-top                                      |
| Machine weight            | 54Kg                                           |
| Machine dimension (WxDxH) | 63x62x38cm                                     |
| Water inlet pipe          | 10mm pipes (inner dia.Ø10mm — Outer dia.Ø15mm) |
| Water outlet pipe         | 32mm pipes (inner dia.Ø32mm — Outer dia.Ø36mm) |
| Power supply              | AC110V/220V-1 Ø                                |
| Standard accessories      | Tools:1 pc                                     |
|                           | Silicon carbide belt 2 pcs                     |
| Option                    | Silicon carbide belt                           |
|                           | Vacuum                                         |

We reserve the right of changing design without notice

## Linear velocity diagram



## Option

|                                                                                   |                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Vacuum</b><br/> <b>Weight:8Kg</b><br/> <b>Voltage: AC110 / 220V-1Ø</b><br/> <b>Motor power: 1100W</b><br/> <b>Suction power: 250W</b><br/> <b>Vacuum pressure:2000mm H2O</b><br/> <b>Air flow:2.1m<sup>3</sup>/min</b><br/> <b>Capacity:18L</b></p> |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Silicon carbide belt (4"x36")                                    |               |                        |
|------------------------------------------------------------------|---------------|------------------------|
| Order no.                                                        | Specification | Remark                 |
| HW04068A-80                                                      | #80           | No joint (Water-proof) |
| HW04068-120                                                      | #120          |                        |
| HW04068A-180                                                     | #180          |                        |
| HW04068-240                                                      | #240          |                        |
| HW04068-320                                                      | #320          |                        |
| HW04068-400                                                      | #400          |                        |
| HW04068-600                                                      | #600          | Joint ( Water-proof)   |
| HW04068-800                                                      | #800          |                        |
| HW04068-1000                                                     | #1000         |                        |
| Note: Both dry and wet grinding, wet grinding is more effective. |               |                        |



*Perfect Surface.  
Always*

**Cutting / Mounting / Grinding & Polishing / Spin Coater**

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Agent



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NO.A16-01

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