

**SAM 022307****HUAWIN Art PG250**

|                      |                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Gruppe</b>        | CNC Zahnradschleifmaschine                                                                                              |
| <b>Hersteller</b>    | HUAWIN                                                                                                                  |
| <b>Art</b>           | PG250                                                                                                                   |
| <b>Steuerung</b>     | HUAWIN (FANUC / SIEMENS optional)                                                                                       |
| <b>Youtube video</b> | <a href="https://www.youtube.com/watch?v=OQLnVmHb1wc&amp;t=6s">https://www.youtube.com/watch?v=OQLnVmHb1wc&amp;t=6s</a> |



|                           |             |
|---------------------------|-------------|
| Schleifdurchmesser min.   | 20 mm       |
| Schleifdurchmesser max.   | 250 mm      |
| Min. Fusskreisdurchmesser | 20          |
| Min. Zähnezahl            | 1           |
| Max. Zähnezahl            | 999         |
| Max. Zahnteilung (Modul)  | 6           |
| Min. Zahnteilung (Modul)  | 1           |
| Verfahrwege:              |             |
| X-Achse                   | 170 mm      |
| Y-Achse                   | 60 mm       |
| Z-Achse                   | 450 mm      |
| C-Achse                   | 360 °       |
| A-Achse                   | +/-45 °     |
| Drehzahl max.             | 10000 t/min |
| Schleifspindelmotor       | 17 kW       |
| Gesamtleistungsbedarf     | <20 kVA     |
| Anschluss 50 Hz 3x        | 400 Volt    |
| Maschinengewicht ca.      | 8000 kg     |
| Abmessungen Maschine:     |             |
| Länge                     | 2600 mm     |
| Breite                    | 2370 mm     |
| Höhe                      | 2155 mm     |

[www.mullermachines.ch](http://www.mullermachines.ch)
**Workpiece**


- Precision profile using rotary dresser.
- Highly rigid box-type bed.
- Equipped with HMI for increasing operational efficiently.
- Linear motor X & Z-axis with zero backlash.
- DD motor of C-axis with zero backlash.


**Specification**

| Workpiece                        | Spec               |                         |
|----------------------------------|--------------------|-------------------------|
|                                  | PG250              | PG400                   |
| Min. Gear major diameter         | Φ20 mm             | Φ30 mm                  |
| Max. Gear outer diameter         | Φ250 mm            | Φ400 mm                 |
| Max.Module                       | 6                  | 10                      |
| Min.Module                       | 0.5                |                         |
| Number of teeth                  | 1~999              |                         |
| Stroke                           |                    |                         |
| X-axis travel                    | 170 mm             | 250 mm                  |
| Y-axis travel                    | 60 mm              | 100 mm                  |
| Z-axis travel                    | 450 mm             | 800 mm                  |
| C-axis                           | ±360°              |                         |
| A-axis                           | ±45°               |                         |
| C-axis(DD motor)                 | 500 N.m            | 1300 N.m                |
| Center distance                  | 80/1000 mm         |                         |
| Spindle power                    | 17 kW              |                         |
| Diameter of Spindle              | 170G               | 170G      220G          |
| Outer diameter of grinding wheel | Φ50~Φ220           | Φ50~Φ220      Φ210~Φ350 |
| Max. speed of spindle            | 10000 rpm          | 10000rpm      4000rpm   |
| Rotary dresser                   | Φ135 x 16W x R 0.3 |                         |
| Air pressure source rated flow   | 30 L/min           |                         |
| Air Pressure                     | 0.5 Mpa            |                         |
| Power capacity                   | < 20 KVA           |                         |
| Machine dimension (L*W*H)        | 2600*2370*2155(mm) |                         |
| Machine weight                   | 8000 kg            |                         |

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