**TECHNICAL SPECIFICATIONS**

**Grinding Dia.**
- Max. mm 63
- Min. mm 1.5

**Infeed Grinding**
- Max. Length mm 95

**Through-feed grinding without feeding device**
- Max. length mm 220

**Vertical adjustment of work rest blade**
- mm 25

**Regulating wheel head size**
- mm 250×173×100
- Recirc size mm 2×190×12

**Grinding wheel size**
- mm 350×127×100

**Grinding Wheel Speed**
- New rpm 1910
- Worn out rpm 3220

**Regulating Wheel Speed with stop less drive**
- rpm 20-350

**Working stroke of feed slide (aprox.)**
- mm 110

**Regulating Wheel head adjustment towards work rest blades**
- mm 70

**Swivel of Regulating Wheel head**
- For Taper Grinding Deg. +4 / -2
- For Through Feed Grinding Deg. +4 / -2

**Minimum advance (in feed slide)**
- mm 0.002
- Least count on dial mm 0.001

**Grinding Wheel Motor**
- kw 2.2/0.7*

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**MACHINE BED**

Machine bed with high grade Cast Iron with higher wall thickness, generously ribbed.

**GRINDING WHEEL HEAD**

Grinding Wheel Head is massive and fixed to bed. Cartridge Spindle supported by high precision pre-loaded angular contact bearings, grease packed for life.

**REGULATING WHEEL HEAD**

The regulating Wheel Head supported on heavy housing and has easy access for angular adjustments. Cartridge Spindle supported by high precision pre-loaded angular contact bearings, grease packed for life.

**FEED SLIDE**

The feed slide runs on antifriction M & V needle roller linear bearings, grease packed for life. The slide is driven by Servomotor. The regulating wheel positioning slide is mounted on feed slide for manual positioning for various job sizes.

**REGULATING WHEEL**

The Truing device for grinding wheel is thru X & Y axis and programmable for different profiles. The Truing device for regulating wheel is thru co-ordinate axis. The wheel can be trued straight or any tapered profile.

**GRINDING WHEEL**

The Truing device of regulating wheel has a vertically adjustable diamond holder so that required hypotrochal shape of the wheel can be obtained.

**COOLANT TANK**

Constant Tank with high pressure High & Low pump and Magnetic separator.

**LUBRICATION**

Centralized lubrication unit for slides and Ball Screws

**CNC SYSTEM**

Siemens 808 Package with 3 axes X, Y & Z directly mounted on machine for space saving and easy maintenance. Pendant mounted operator control for key board operation.