Samstar O.D./I.D. Grinder Model: M1420E x 500/750

SPECIFICATIONS:

**General:**
- Maximum diameter to be ground: 8"
- Distance between centers: 20" & 30"
- Maximum load between centers: 70 lbs.
- Maximum swing over bed: 10"
- 9.45"

**Table:**
- Traverse speed (infinitely variable): 2" – 120 ipm
- Swiveling angle: +/- 10 degrees
- Movement per turn of handwheel: 0.38"

**Wheelhead:**
- Wheel spindle speed: 2180 rpm
- Wheel size: 11.81" x 5" x 1.9"
  (300 x 127 x 50 mm)
- Swiveling angle: + 8 degrees, - 5 degrees
- Infeed per graduation of handwheel: 0.0002"
- Range of External Grinding: Φ.3~Φ7.9 in
- Range of Internal Grinding: Φ.51~Φ3.15 in
- Fine feed per pressing: 0.00008"
**Workhead & Tailstock:**
- Swiveling angle of workhead: + 90 degrees, - 30 degrees
- Spindle speed: 50, 80, 125, 200, 315 & 500 rpm
- Taper of workhead: #4 Morse taper
- Taper of tailstock: #4 Morse taper

**Electric Motor:**
- Wheel Head Motor: 4 hp
- I.D. Spindle Motor: .55 hp
- Work Head Motor: .75 hp

**Weight & Dimension:**
- Machine weight:
  - (20”) 4630 lbs. / (30”) 5512 lbs.
- Machine dimension:
  - (20”) 7.08’ x 5.12’ x 5.71’
  - (30”) 9.02’ x 5.12’ x 5.71’

**Standard Accessories:**
- Internal Grinding Attachment
- Open Center Rest
- Closed Center Rest
- Wheel Balance Stand
- Balancing Arbor

- Wheel Dresser
- Extra Wheel Flange
- 3 Jaw Chuck
- Centers, Drive Dogs, Tools
- Operation Manual

**WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE**