SAMSTAR OD/ID GRINDER MODEL MD1420B

FEATURES:
- Rigid Construction and Compact Design
- Easy to Set up
- Easy-Operating Dresser for O. D. and I. D. Grinding
- Manufactured with ISO Standard
- Equipped with Our Unique Wheel Spindle Bearing
- Infinitely Variable Table Travel Hydraulically
- Automatic Incremental Feed or Manual Feed
- Fully Automatic Lubrication.
SPECIFICATIONS:

CAPACITY:
Grinding Diameter O. D.: 8 – 200 mm 0.3 – 8 in.
Grinding Diameter I. D.: 13 - 80mm 0.5 – 3 in.
Max. Workpiece length: 500, 750, 1000 mm 20, 30, 40 in.

WHEELHEAD:
Swivel Angle: +30 Degrees +30 Degrees
Spindle Speed: 1990 rpm 1990 rpm
Wheel Size (O. D. x W x I. D.) 400 x 50 x 203 mm 16 x 2 x 8 in.
Hand Feed: One Division 0.0025 (fine) mm 0.0001 (fine) in.
Hand Feed: One Revolution 0.5 (fine) mm 0.02 (fine) in.
2 (coarse) mm 0.08 (coarse) in.
Motor Power: 1 kw 5 h.p

WORKHEAD:
Swivel Angle: 90 degrees 90 degrees
Spindle Speed: 45, 100, 210, 450 rpm 45, 100, 210, 450 rpm
Motor Power: 0.75 kw 1 h.p.

TABLE:
Swivel Angle: +3, -8 degrees +3, -8 degrees
Automatic Feed Speed: 0.1 - 4 m/min. 0.3 - 13 ft./min

MISC.:
Total Power: 7 kw 9.5 h.p.
Net Weight: 3,000/3,500/4,000 kgs. 7,000/7,500/8,500 lbs.
Dimensions (L x W x H): 3,500x1,750x1,900(0.75m) 105 x 60 x 60 in. (30")

WORKING ACCURACY:
Roundness: O.D. 0.00012 in. / I. D. 0.0002 in.
Cylindricity: O. D. 0.0002 in. / I. D. 0.0002 in.
Surface Finish: O. D. Ra0.000078 / I. D. Ra0.000016

STANDARD ACCESSORIES:
- Two-point Steady Rest
- Three-Point Steady Rest
- Coolant Tank
- Internal Grinding Spindles 10,000 and 20,000 rpm
- Wheel Balancing Arbor
- Standard Wheel Dresser
- Levelling Pads
- Three-Jaw Chuck
- Driving Dogs

OPTIONAL ACCESSORIES

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<th>Item</th>
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<tr>
<td>Wheel Balancing Stand</td>
<td>JX35-400</td>
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<tr>
<td>Radius Truing Attachment</td>
<td>M1420-44/2</td>
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<td>Spare Wheel</td>
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<td>Spare Wheel Flange</td>
<td>ME1432B-32</td>
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<td>Positioner</td>
<td>JX34-20</td>
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