

Category: Small And Medium Sized Precision Centerless Grinder

| MODELS: | M1040B | M1050A | M1080B | M1083B | M10100 | MK1060 |
|--|---|---|---|--|---|---|
| MODEL PROFILE |  |  |  |  |  |  |
| CNC/PLC | NO | NO | NO | NO | NO | YES |
| diameter | thru-feed: 2-40mm infeed: 7-10mm | thru-feed: 5-50mm infeed: 7-50mm | thru-feed: 5-80mm infeed: 5-80mm | thru-feed: 10-150mm infeed: 10-150mm | thru-feed: 10-100mm infeed: 10-100mm | thru-feed: 5-60mm infeed: 5-60mm |
| max length | thru-feed: 140mm infeed: 120mm | thru-feed: 160mm infeed: 140mm | thru-feed: 180mm infeed: 140mm | thru-feed: 250mm infeed: 190mm | thru-feed: 210mm infeed: 195mm | thru-feed: 250mm infeed: 195mm |
| grinding wheel | PSA350*125*127mm | P400*150*203mm | P500*150*305mm | P600*200*305mm | P500*200*305mm | P500*200*305mm |
| regulating wheel | PSA250*125*75mm | PSA300*150*127mm | PSA300*150*127mm | PDA350*200*203mm | PDA350*200*203mm | PSA350*200*127mm |
| handle feed amount per division | 0.002 mm | 0.002 mm | 0.005 mm | 0.01 mm | 0.002 mm | 0.001 mm |
| dresser feed amount per division | 0.01 mm | 0.01 mm | 0.01 mm | 0.015mm | 0.01 mm | 0.01 mm |
| height from centerline of gri. wheel & reg. wheel to workrest bottom | 190 mm | 120 mm | 210 mm | 285 mm | 255 mm | 250 mm |
| total power | 9 kw | 13.78 kw | 17 kw | 25.8 kw | 21.66 kw | 19.26 kw |
| grinding wheel motor | 7.5 kw | 11 kw | 15 kw | 22 kw | 18.5 kw | 15 kw |
| regulating wheel motor | 1.1 kw | 1.5 kw | 1.5 kw | 3 kw | 2.2 kw | 1.5 kw |
| machine dimension (L*W*H) | 1550*1300*1405 mm | 1920*1681*1479 mm | 1950*1580*1485 mm | 2650*1500*1800 mm | 2675*1505*1615 mm | 2050*1680*1380 mm |
| machine | 2000 kg | 2800 kg | 3500 kg | 7000 kg | 4500 kg | 3200 kg |
| roundness | 0.002 mm | 0.002 mm | 0.002 mm | 0.002 mm | 0.002 mm | 0.001 mm |
| cylindricity | 0.003 mm | 0.003 mm | 0.003 mm | 0.003 mm | 0.003 mm | 0.002 mm |
| surface roughness | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.16 μm |
| voltage | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% |
| frequency | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ |
| noise value | <50 DB | <50 DB | <50 DB | <50 DB | <50 DB | <50 DB |

Category: Wide-Wheel Heavy Centerless Precision Grinding Machines

| MODELS: | M10200 | M11100 | M11200 | MK11250 |
|--|---|---|--|---|
| MODEL PROFILE |  |  |  |  |
| CNC/PLC | NO | NO | NO | YES |
| diameter | thru-feed: 10-200mm infeed: 10-200mm | thru-feed: 10-100mm infeed: 10-100mm | thru-feed: 10-200mm infeed: 10-200mm | thru-feed: 10-250mm infeed: 10-250mm |
| max length | thru-feed: 300mm infeed: 390mm | thru-feed: 300mm infeed: 390mm | thru-feed: 300mm infeed: 390mm | thru-feed: 300mm infeed: 590mm |
| grinding wheel | P600*400*305mm | P500*400*305mm | P500*600*305mm | P600*600*305mm |
| regulating wheel | P350*400*203mm | P350*400*203mm | P350*600*203mm | P350*600*203mm |
| handle feed amount per division | 0.002 mm | 0.002 mm | 0.002 mm | 0.001 mm |
| dresser feed amount per division | 0.01 mm | 0.01 mm | 0.01 mm | 0.01 mm |
| height from centerline of gri. wheel & reg. wheel to workrest bottom | 290 mm | 290 mm | 290 mm | 200 mm |
| total power | 41.47 kw | 25.77 kw | 41.47 kw | 49.47 kw |
| grinding wheel motor | 30 kw | 22 kw | 37 kw | 45 kw |
| regulating wheel motor | 2.2 kw | 2.2 kw | 3 kw | 3 kw |
| machine dimension (L*W*H) | 3600*1850*1700 mm | 3500*1850*1720 mm | 3500*1850*1720 mm | 3700*1850*1820 mm |
| machine | 10000 kg | 10000 kg | 10000 kg | 11000 kg |
| roundness | 0.002 mm | 0.002 mm | 0.002 mm | 0.002 mm |
| cylindricity | 0.003 mm | 0.003 mm | 0.003 mm | 0.005 mm |
| surface roughness | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.32 μm |
| voltage | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% |
| frequency | 50 HZ | 50 HZ | 50 HZ | 50 HZ |
| noise value | <50 DB | <50 DB | <50 DB | <50 DB |

Category: Customized (SINGLE AXIS) Precision Centerless Grinding Machines

| MODELS: | MK1040 | MK1050 | MK10100 | MK10200 | MK11200 |
|--|---|---|---|--|---|
| MODEL PROFILE |  |  |  |  |  |
| CNC/PLC | YES | YES | YES | YES | YES |
| diameter | thru-feed: 2-40mm infeed: 7-10mm | thru-feed: 5-50mm infeed: 7-50mm | thru-feed: 10-100mm infeed: 10-100mm | thru-feed: 10-200mm infeed: 10-200mm | thru-feed: 10-200mm infeed: 10-200mm |
| max length | thru-feed: 140mm infeed: 120mm | thru-feed: 160mm infeed: 140mm | thru-feed: 210mm infeed: 195mm | thru-feed: 300mm infeed: 390mm | thru-feed: 300mm infeed: 390mm |
| grinding wheel | PSA350*125*127mm | P400*150*203mm | P500*200*305mm | P600*400*305mm | P500*600*305mm |
| regulating wheel | PSA250*125*75mm | PSA300*150*127mm | PSA350*200*127mm | P350*400*203mm | P350*600*203mm |
| handle feed amount per division | 0.001 mm | 0.001 mm | 0.001 mm | 0.002 mm | 0.002 mm |
| dresser feed amount per division | 0.01 mm | 0.01 mm | 0.01 mm | 0.01 mm | 0.01 mm |
| height from centerline of gri. wheel & reg. wheel to workrest bottom | 190mm | 120mm | 255 mm | 290 mm | 290 mm |
| total power | 9 kw | 13.78 kw | 22 kw | 41.47 kw | 41.47 kw |
| grinding wheel motor | 7.5 kw | 11 kw | 18.5 kw | 30 kw | 37 kw |
| regulating wheel motor | 1.1 kw | 1.5 kw | 1.5 kw | 2.2 kw | 3 kw |
| machine dimension (L*W*H) | 1550*1300*1405 mm | 1920*1681*1479 mm | 2675*1505*1615 mm | 3600*1850*1700 mm | 3500*1850*1720 mm |
| machine | 2000 kg | 2800 kg | 4500 kg | 10000 kg | 10000 kg |
| roundness | 0.002 mm | 0.002 mm | 0.001 mm | 0.002 mm | 0.002 mm |
| cylindricity | 0.003 mm | 0.003 mm | 0.0018 mm | 0.003 mm | 0.003 mm |
| surface roughness | Ra. 0.32 μm | Ra. 0.32 μm | Ra. 0.16 μm | Ra. 0.32 μm | Ra. 0.32 μm |
| voltage | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% | 3 N, 380±10% |
| frequency | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ |
| noise value | <50 DB | <50 DB | <50 DB | <50 DB | <50 DB |