**FORCIPOL 102**

**Grinding and Polishing Machine**

Single wheel, suitable for 200, 250 and 300 mm wheel size, 0.75 kW motor with overload protection, variable speed between 50-600 rpm, clockwise or counterclockwise rotation, soft start and stop function, vibration-free and robust construction, ergonomic design, quite operation, standard interface for all head units (FORCIPOL Control Unit and FORCIMAT 52/102/TS), retractable water hose, including water supply and drain tubes. (One of the Head Units is required to operate the equipment)

Includes a standard set of grinding & polishing consumables;
\*An assortment of 100 grinding papers(various grits), 200 mm dia.
\*An assortment of 5 polishing cloths with 200 mm dia.
\*Diamond suspensions, one of each of 6 mic. and 1 mic., plus lubricant

**Technical Specifications**



|  |  |
| --- | --- |
| **ORDER NO** | **36 21-200/250/300** |
| **MODEL NO** | **FORCIPOL 102** |
| **Number of Wheels** | 1 |
| **Wheel Diameter** | Ø200/250/300 mm |
| **Base Motor Power** | 1 HP |
| **Wheel Speed** | 50-600 RPM |
| **Wheel Rotation Direction** | CW/CCW |
| **Dimensions, WxDxH, (cm)** | 45 x 74 x 34 |
| **Weight, kgs** | 40 |

**Accessories**

|  |
| --- |
| **Head Units** |
| **30 11** | FORCIPOL Control Unit |
| **30 12** | FORCIMAT 52 Automatic Specimen Mover (Individual Force) |
| **30 14** | FORCIMAT 102 Programmable Automatic Specimen Mover (Individual Force + Central Force) |
|   |   |
| **Operational Accessories for FORCIPOL Grinder/Polishers** |
| **200 mm Application** |
| **31 01** | PVC Wheel, 200 mm |
| **31 02** | Aluminium Wheel, 200 mm |
| **31 55** | Splash Guard, 200 mm |
| **31 04** | Paper Ring, 200 mm |
| **31 05** | Cover |
| **31 13** | Special Plexiglas Protection Unit, to be used with FORCIPOL 102/TS |
|   | (To be ordered simultaneously together with the machine order) |
| **250 mm Application** |
| **31 21** | PVC Wheel, 250 mm |
| **31 42** | Aluminium Wheel, 250 mm |
| **31 65** | Splash Guard, 250 mm |
| **31 24** | Paper Ring, 250 mm |
| **31 05** | Cover |
| **31 13** | Special Plexiglas Protection Unit, to be used with FORCIPOL 102/TS |
|   | (To be ordered simultaneously together with the machine order) |
| **300 mm Application** |
| **31 31** | PVC Wheel, 300 mm |
| **31 52** | Aluminium Wheel, 300 mm |
| **31 75** | Splash Guard, 300 mm |
| **31 34** | Paper Ring, 300 mm |
| **31 05** | Cover |
| **31 13** | Special Plexiglas Protection Unit, to be used with FORCIPOL 102/TS |
|   | (To be ordered simultaneously together with the machine order) |
|   |
| **Accessories for FORCIPOL** |
| **GR 1397-00** | Water Filtering and Pressure Regulator System for city water inlet. |
|   | Keeps the water pressure at the appropriate level and protects from sudden  |
|   | pressure spikes. Filtering out impurities in the water and prevents calcification. |
| **YM 3824-00** | Spare Siliphos Cartridge Filter |
|   | (for Water Filtering and Pressure Regulator System (GR 1397-00)) |
|   |   |
| **Spare Part Kit for FORCIPOL** |
| **GR 1991** | Recommended Set of Spare Parts, FORCIPOL 102/202/TS |
|   |   |
| **ENVIRO Recirculating Filtering System** |
| **GR 0865** | ENVIRO Recirculating Filtering System, |
|   | Closed loop 1 micron filtering system with 20 lt. recirculating |
|   | water tank, suitable to operate with line water on 80 micron |
|   | filter as well. Requires 4 bar compressed air. |
|   | Ready for operation with all Metkon Grinder/Polishers |
| **YM 6214-00** | Filter, 10 inches 1 Micron |
|   |   |
| **Spare Part Kit for ENVIRO** |
| **GR 1996** | Recommended Set of Spare Parts, ENVIRO |

**Consumables**

|  |
| --- |
| **Paper Grinding Discs, Plain Back (100 Pcs. Per Pack)** |
| **DEMPAX** | **38-020-060** | Ø 200 mm Disc, 60 Grit (2 x 50 pcs.) |
| **DEMPAX** | **38-020-120** | Ø 200 mm Disc, 120 Grit |
| **DEMPAX** | **38-020-180** | Ø 200 mm Disc, 180 Grit |
| **DEMPAX** | **38-020-240** | Ø 200 mm Disc, 240 Grit |
| **DEMPAX** | **38-020-320** | Ø 200 mm Disc, 320 Grit |
| **DEMPAX** | **38-020-400** | Ø 200 mm Disc, 400 Grit |
| **DEMPAX** | **38-020-600** | Ø 200 mm Disc, 600 Grit |
| **DEMPAX** | **38-020-800** | Ø 200 mm Disc, 800 Grit |
| **DEMPAX** | **38-020-1000** | Ø 200 mm Disc, 1000 Grit |
| **DEMPAX** | **38-020-1200** | Ø 200 mm Disc, 1200 Grit |
| **DEMPAX** | **38-020-2500** | Ø 200 mm Disc, 2500 Grit |
| **DEMPAX** | **38-020-4000** | Ø 200 mm Disc, 4000 Grit |
| **DEMPAX** | **38-020-S** | Ø 200 mm Mix Grinding Paper set (10 of each from 120 grit to 2500 grit) |
|   |   |   |
| **DEMPAX** | **38-040-060** | Ø 250 mm Disc, 60 Grit (2 x 50 pcs.) |
| **DEMPAX** | **38-040-120** | Ø 250 mm Disc, 120 Grit |
| **DEMPAX** | **38-040-180** | Ø 250 mm Disc, 180 Grit |
| **DEMPAX** | **38-040-240** | Ø 250 mm Disc, 240 Grit |
| **DEMPAX** | **38-040-320** | Ø 250 mm Disc, 320 Grit |
| **DEMPAX** | **38-040-400** | Ø 250 mm Disc, 400 Grit |
| **DEMPAX** | **38-040-600** | Ø 250 mm Disc, 600 Grit |
| **DEMPAX** | **38-040-800** | Ø 250 mm Disc, 800 Grit |
| **DEMPAX** | **38-040-1000** | Ø 250 mm Disc, 1000 Grit |
| **DEMPAX** | **38-040-1200** | Ø 250 mm Disc, 1200 Grit |
| **DEMPAX** | **38-040-2500** | Ø 250 mm Disc, 2500 Grit |
| **DEMPAX** | **38-040-4000** | Ø 250 mm Disc, 4000 Grit |
| **DEMPAX** | **38-040-S** | Ø 250 mm Mix Grinding Paper set (10 of each from 120 grit to 2500 grit) |
|   |   |   |
| **DEMPAX** | **38-050-060** | Ø 300 mm Disc, 60 Grit (2 x 50 pcs.) |
| **DEMPAX** | **38-050-120** | Ø 300 mm Disc, 120 Grit |
| **DEMPAX** | **38-050-180** | Ø 300 mm Disc, 180 Grit |
| **DEMPAX** | **38-050-240** | Ø 300 mm Disc, 240 Grit |
| **DEMPAX** | **38-050-320** | Ø 300 mm Disc, 320 Grit |
| **DEMPAX** | **38-050-400** | Ø 300 mm Disc, 400 Grit |
| **DEMPAX** | **38-050-600** | Ø 300 mm Disc, 600 Grit |
| **DEMPAX** | **38-050-800** | Ø 300 mm Disc, 800 Grit |
| **DEMPAX** | **38-050-1000** | Ø 300 mm Disc, 1000 Grit |
| **DEMPAX** | **38-050-1200** | Ø 300 mm Disc, 1200 Grit |
| **DEMPAX** | **38-050-2500** | Ø 300 mm Disc, 2500 Grit |
| **DEMPAX** | **38-050-4000** | Ø 300 mm Disc, 4000 Grit |
| **DEMPAX** | **38-050-S** | Ø 300 mm Mix Grinding Paper set (10 of each from 120 grit to 2500 grit) |
|   |   |   |
| **Paper Grinding Discs, Foil Back, for CATCHY System (100 Pcs. Per Pack)** |
| **DEMPAX-F** | **38-020-060F** | Ø 200 mm Disc, 60 Grit (2 x 50 pcs.) |
| **DEMPAX-F** | **38-020-120F** | Ø 200 mm Disc, 120 Grit |
| **DEMPAX-F** | **38-020-180F** | Ø 200 mm Disc, 180 Grit |
| **DEMPAX-F** | **38-020-240F** | Ø 200 mm Disc, 240 Grit |
| **DEMPAX-F** | **38-020-320F** | Ø 200 mm Disc, 320 Grit |
| **DEMPAX-F** | **38-020-400F** | Ø 200 mm Disc, 400 Grit |
| **DEMPAX-F** | **38-020-600F** | Ø 200 mm Disc, 600 Grit |
| **DEMPAX-F** | **38-020-800F** | Ø 200 mm Disc, 800 Grit |
| **DEMPAX-F** | **38-020-1000F** | Ø 200 mm Disc, 1000 Grit |
| **DEMPAX-F** | **38-020-1200F** | Ø 200 mm Disc, 1200 Grit |
| **DEMPAX-F** | **38-020-2500F** | Ø 200 mm Disc, 2500 Grit |
| **DEMPAX-F** | **38-020-4000F** | Ø 200 mm Disc, 4000 Grit |
| **DEMPAX-F** | **38-020-SF** | Ø 200 mm Mix Grinding Paper set (10 of each from 120 grit to 2500 grit) |
|   |   |   |
| **DEMPAX-F** | **38-040-060F** | Ø 250 mm Disc, 60 Grit (2 x 50 pcs.) |
| **DEMPAX-F** | **38-040-120F** | Ø 250 mm Disc, 120 Grit |
| **DEMPAX-F** | **38-040-180F** | Ø 250 mm Disc, 180 Grit |
| **DEMPAX-F** | **38-040-240F** | Ø 250 mm Disc, 240 Grit |
| **DEMPAX-F** | **38-040-320F** | Ø 250 mm Disc, 320 Grit |
| **DEMPAX-F** | **38-040-400F** | Ø 250 mm Disc, 400 Grit |
| **DEMPAX-F** | **38-040-600F** | Ø 250 mm Disc, 600 Grit |
| **DEMPAX-F** | **38-040-800F** | Ø 250 mm Disc, 800 Grit |
| **DEMPAX-F** | **38-040-1000F** | Ø 250 mm Disc, 1000 Grit |
| **DEMPAX-F** | **38-040-1200F** | Ø 250 mm Disc, 1200 Grit |
| **DEMPAX-F** | **38-040-2500F** | Ø 250 mm Disc, 2500 Grit |
| **DEMPAX-F** | **38-040-4000F** | Ø 250 mm Disc, 4000 Grit |
| **DEMPAX-F** | **38-040-SF** | Ø 250 mm Mix Grinding Paper set (10 of each from 120 grit to 2500 grit) |
|   |   |   |
| **DEMPAX-F** | **38-050-060F** | Ø 300 mm Disc, 60 Grit (2 x 50 pcs.) |
| **DEMPAX-F** | **38-050-120F** | Ø 300 mm Disc, 120 Grit |
| **DEMPAX-F** | **38-050-180F** | Ø 300 mm Disc, 180 Grit |
| **DEMPAX-F** | **38-050-240F** | Ø 300 mm Disc, 240 Grit |
| **DEMPAX-F** | **38-050-320F** | Ø 300 mm Disc, 320 Grit |
| **DEMPAX-F** | **38-050-400F** | Ø 300 mm Disc, 400 Grit |
| **DEMPAX-F** | **38-050-600F** | Ø 300 mm Disc, 600 Grit |
| **DEMPAX-F** | **38-050-800F** | Ø 300 mm Disc, 800 Grit |
| **DEMPAX-F** | **38-050-1000F** | Ø 300 mm Disc, 1000 Grit |
| **DEMPAX-F** | **38-050-1200F** | Ø 300 mm Disc, 1200 Grit |
| **DEMPAX-F** | **38-050-2500F** | Ø 300 mm Disc, 2500 Grit |
| **DEMPAX-F** | **38-050-4000F** | Ø 300 mm Disc, 4000 Grit |
| **DEMPAX-F** | **38-050-SF** | Ø 300 mm Mix Grinding Paper set (10 of each from 120 grit to 2500 grit) |
|   |   |   |
| **CATCHY System Accessories (1 Pc. Per Pack)** |
| **CFP** | **39-083-200** | Ø 200 mm, Catchy Fix Plate (1 pcs) |
| **CFP** | **39-083-250** | Ø 250 mm, Catchy Fix Plate (1 pcs) |
| **CFP** | **39-083-300** | Ø 300 mm, Catchy Fix Plate (1 pcs) |
|   |   |   |
| **MAGNETO Diamond Coarse Grinding Discs (1 Pc. Per Pack)** |
| **MAGNETO 125** | **38-020-125** | Ø200 MAGNETO Diamond Disc, 125 mic. |
| **MAGNETO 125** | **38-040-125** | Ø250 MAGNETO Diamond Disc, 125 mic. |
| **MAGNETO 125** | **38-050-125** | Ø300 MAGNETO Diamond Disc, 125 mic. |
| **MAGNETO 75** | **38-020-075** | Ø200 MAGNETO Diamond Disc, 75 mic. |
| **MAGNETO 75** | **38-040-075** | Ø250 MAGNETO Diamond Disc, 75 mic. |
| **MAGNETO 75** | **38-050-075** | Ø300 MAGNETO Diamond Disc, 75 mic. |
| **MAGNETO 54** | **38-020-054** | Ø200 MAGNETO Diamond Disc, 54 mic. |
| **MAGNETO 54** | **38-040-054** | Ø250 MAGNETO Diamond Disc, 54 mic. |
| **MAGNETO 54** | **38-050-054** | Ø300 MAGNETO Diamond Disc, 54 mic. |
| **MAGNETO 18** | **38-020-018** | Ø200 MAGNETO Diamond Disc, 18 mic. |
| **MAGNETO 18** | **38-040-018** | Ø250 MAGNETO Diamond Disc, 18 mic. |
| **MAGNETO 18** | **38-050-018** | Ø300 MAGNETO Diamond Disc, 18 mic. |
|   |   |   |
| **MAGNETO Diamond Coarse Grinding Discs (1 Pc. Per Pack)** |
| **MAGNETO 6** | **38-020-006** | 'Ø200 MAGNETO Diamond Disc, 6 mic. |
| **MAGNETO 6** | **38-040-006** | Ø250 MAGNETO Diamond Disc, 6 mic. |
| **MAGNETO 6** | **38-050-006** | Ø300 MAGNETO Diamond Disc, 6 mic. |
| **MAGNETO 3** | **38-020-003** | Ø200 MAGNETO Diamond Disc, 3 mic. |
| **MAGNETO 3** | **38-040-003** | Ø250 MAGNETO Diamond Disc, 3 mic. |
| **MAGNETO 3** | **38-050-003** | Ø300 MAGNETO Diamond Disc, 3 mic. |
|   |   |   |
| **MAGNETO-S Silicon Carbide Grinding Discs (1 Pc. Per Pack)** |
| **MAGNETO-S-120** | **38-021-120** | Ø200 MAGNETO-S Silicon Carbide Grinding Disc, 120 Grit |
| **MAGNETO-S-120** | **38-041-120** | Ø250 MAGNETO-S Silicon Carbide Grinding Disc, 120 Grit |
| **MAGNETO-S-120** | **38-051-120** | Ø300 MAGNETO-S Silicon Carbide Grinding Disc, 120 Grit |
| **MAGNETO-S-220** | **38-021-220** | Ø200 MAGNETO-S Silicon Carbide Grinding Disc, 220 Grit |
| **MAGNETO-S-220** | **38-041-220** | Ø250 MAGNETO-S Silicon Carbide Grinding Disc, 220 Grit |
| **MAGNETO-S-220** | **38-051-220** | Ø300 MAGNETO-S Silicon Carbide Grinding Disc, 220 Grit |
| **MAGNETO-S-500** | **38-021-500** | Ø200 MAGNETO-S Silicon Carbide Grinding Disc, 500 Grit |
| **MAGNETO-S-500** | **38-041-500** | Ø250 MAGNETO-S Silicon Carbide Grinding Disc, 500 Grit |
| **MAGNETO-S-500** | **38-051-500** | Ø300 MAGNETO-S Silicon Carbide Grinding Disc, 500 Grit |
| **MAGNETO-S-800** | **38-021-800** | Ø200 MAGNETO-S Silicon Carbide Grinding Disc, 800 Grit |
| **MAGNETO-S-800** | **38-041-800** | Ø250 MAGNETO-S Silicon Carbide Grinding Disc, 800 Grit |
| **MAGNETO-S-800** | **38-051-800** | Ø300 MAGNETO-S Silicon Carbide Grinding Disc, 800 Grit |
| **MAGNETO-S-1200** | **38-021-1200** | Ø200 MAGNETO-S Silicon Carbide Grinding Disc, 1200 Grit |
| **MAGNETO-S-1200** | **38-041-1200** | Ø250 MAGNETO-S Silicon Carbide Grinding Disc, 1200 Grit |
| **MAGNETO-S-1200** | **38-051-1200** | Ø300 MAGNETO-S Silicon Carbide Grinding Disc, 1200 Grit |
|   |   |   |
| **Magnetic System Accessories (1 Pc. Per Pack)** |
| **SMF** | **39-003-200** | Ø 200 mm, Special Magnetic Foil |
| **SMF** | **39-003-250** | Ø 250 mm, Special Magnetic Foil |
| **SMF** | **39-003-300** | Ø 300 mm, Special Magnetic Foil |
| **TMP** | **39-093-200** | Ø 200 mm, Thin Metal Plate(5 pcs) |
| **TMP** | **39-093-250** | Ø 250 mm, Thin Metal Plate(5 pcs) |
| **TMP** | **39-093-300** | Ø 300 mm, Thin Metal Plate(5 pcs) |
|   |   |   |
| **Polishing Cloths (Self-adhesive, 10 Pcs. Per Pack)** |
| **METAPO-P** | **39-013-200** | Ø 200 mm, for 6 micron diamonds  |
| **METAPO-B** | **39-033-200** | Ø 200 mm, for 3-1 micron diamonds |
| **METAPO-V** | **39-043-200** | Ø 200 mm, for 1-0,1 micron diamonds or alumina |
| **FEDO-6J** | **39-015-200** | Ø 200 mm, for 6 micron diamonds |
| **FEDO-3** | **39-025-200** | Ø 200 mm, for 3 micron diamonds |
| **FEDO-1S** | **39-066-200** | Ø 200 mm, for 1 micron diamonds |
| **FEDO-1N** | **39-055-200** | Ø 200 mm, for 0,25 micron diamonds |
| **ALSO** | **39-075-200** | Ø 200 mm, for 0,25 mic. diamonds or alumina  |
| **WOOL** | **39-095-200** | Ø 200 mm, %100 wool cloth for 6-3 micron diamonds or alumina |
| **COLLO** | **39-085-200** | Ø 200 mm, for colloidal silica |
| **PETRI** | **39-090-200** | Ø 200 mm, for petrography |
| **NOWO** | **39-005-200** | Ø 200 mm, for 9-1 micron diamonds  |
| **MIX** | **39-200-SPC** | Ø 200 mm, (1 of each METAPO-P, METAPO-B, FEDO-3, FEDO-1S, FEDO-1N) |
|   |   |   |
| **METAPO-P** | **39-013-250** | Ø 250 mm, for 6 micron diamonds  |
| **METAPO-B** | **39-033-250** | Ø 250 mm, for 3-1 micron diamonds |
| **METAPO-V** | **39-043-250** | Ø 250 mm, for 1-0,1 micron diamonds or alumina |
| **FEDO-6J** | **39-015-250** | Ø 250 mm, for 6 micron diamonds |
| **FEDO-3** | **39-025-250** | Ø 250 mm, for 3 micron diamonds |
| **FEDO-1S** | **39-066-250** | Ø 250 mm, for 1 micron diamonds |
| **FEDO-1N** | **39-055-250** | Ø 250 mm, for 0,25 micron diamonds |
| **ALSO** | **39-075-250** | Ø 250 mm, for 0,25 mic. diamonds or alumina  |
| **WOOL** | **39-095-250** | Ø 250 mm, %100 wool cloth for 6-3 micron diamonds or alumina |
| **COLLO** | **39-085-250** | Ø 250 mm, for colloidal silica |
| **PETRI** | **39-090-250** | Ø 250 mm, for petrography |
| **NOWO** | **39-005-250** | Ø 250 mm, for 9-1 micron diamonds  |
| **MIX** | **39-250-SPC** | Ø 250 mm, (1 of each METAPO-P, METAPO-B, FEDO-3, FEDO-1S, FEDO-1N) |
|   |   |   |
| **METAPO-P** | **39-013-300** | Ø 300 mm, for 6 micron diamonds  |
| **METAPO-B** | **39-033-300** | Ø 300 mm, for 3-1 micron diamonds |
| **METAPO-V** | **39-043-300** | Ø 300 mm, for 1-0,1 micron diamonds or alumina |
| **FEDO-6J** | **39-015-300** | Ø 300 mm, for 6 micron diamonds |
| **FEDO-3** | **39-025-300** | Ø 300 mm, for 3 micron diamonds |
| **FEDO-1S** | **39-066-300** | Ø 300 mm, for 1 micron diamonds |
| **FEDO-1N** | **39-055-300** | Ø 300 mm, for 0,25 micron diamonds |
| **ALSO** | **39-075-300** | Ø 300 mm, for 0,25 mic. diamonds or alumina  |
| **WOOL** | **39-095-300** | Ø 300 mm, %100 wool cloth for 6-3 micron diamonds or alumina |
| **COLLO** | **39-085-300** | Ø 300 mm, for colloidal silica |
| **PETRI** | **39-090-300** | Ø 300 mm, for petrography |
| **NOWO** | **39-005-300** | Ø 300 mm, for 9-1 micron diamonds  |
| **MIX** | **39-300-SPC** | Ø 300 mm, (1 of each METAPO-P, METAPO-B, FEDO-3, FEDO-1S, FEDO-1N) |
|   |   |   |
| **Diamond Pastes, Monocrystalline** |
| **DIAPAT-M** | **39-301-M** | Diamond Paste, 0.25 Mic., 10gr. syringe |
| **DIAPAT-M** | **39-311-M** | Diamond Paste, 1 Mic., 10gr. syringe |
| **DIAPAT-M** | **39-321-M** | Diamond Paste, 3 Mic., 10gr. syringe   |
| **DIAPAT-M** | **39-331-M** | Diamond Paste, 6 Mic., 10gr. syringe |
| **DIAPAT-M** | **39-341-M** | Diamond Paste, 9 Mic., 10gr. syringe |
|   |   |   |
| **Diamond Pastes, Polycrystalline** |
| **DIAPAT-P** | **39-301-P** | Diamond Paste, 0.25 Mic., 10gr. syringe |
| **DIAPAT-P** | **39-311-P** | Diamond Paste, 1 Mic., 10gr. syringe |
| **DIAPAT-P** | **39-321-P** | Diamond Paste, 3 Mic., 10gr. syringe   |
| **DIAPAT-P** | **39-331-P** | Diamond Paste, 6 Mic., 10gr. syringe |
| **DIAPAT-P** | **39-341-P** | Diamond Paste, 9 Mic., 10gr. syringe |
|   |   |   |
| **Diamond Suspensions, Monocrystalline** |
| **DIAPAT-M** | **39-400-M** | Diamond Suspension 0.25Mic. 250 ml, bottle with sprayer |
| **DIAPAT-M** | **39-410-M** | Diamond Suspension1 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-M** | **39-420-M** | Diamond Suspension 3 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-M** | **39-430-M** | Diamond Suspension 6 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-M** | **39-440-M** | Diamond Suspension 9 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-M** | **39-411-M** | Diamond Suspension1 Mic. 1 lt bottle |
| **DIAPAT-M** | **39-421-M** | Diamond Suspension 3 Mic. 1 lt bottle |
| **DIAPAT-M** | **39-431-M** | Diamond Suspension 6 Mic. 1 lt bottle |
| **DIAPAT-M** | **39-415-M** | Diamond Suspension1 Mic. 5 lt bottle |
| **DIAPAT-M** | **39-425-M** | Diamond Suspension 3 Mic. 5 lt bottle |
| **DIAPAT-M** | **39-435-M** | Diamond Suspension 6 Mic. 5 lt bottle |
|   |   |   |
| **Diamond Suspensions, Polycrystalline** |
| **DIAPAT-P** | **39-400-P** | Diamond Suspension 0.25Mic. 250 ml, bottle with sprayer |
| **DIAPAT-P** | **39-410-P** | Diamond Suspension1 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-P** | **39-420-P** | Diamond Suspension 3 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-P** | **39-430-P** | Diamond Suspension 6 Mic. 250 ml, bottle with sprayer |
| **DIAPAT-P** | **39-440-P** | Diamond Suspension 9 Mic. 250 ml, bottle with sprayer |
|   |   |   |
| **Diamond Two in One Products, Monocrystalline** |
| **DUOPAT-M** | **39-510-M** | A perfect mixture of 1 mic. Diamond suspension & Diamond Lubricant  |
|   |   | 500 ml, bottle with sprayer |
| **DUOPAT-M** | **39-520-M** | A perfect mixture of 3 mic. Diamond suspension & Diamond Lubricant  |
|   |   | 500 ml, bottle with sprayer |
| **DUOPAT-M** | **39-530-M** | A perfect mixture of 6 mic. Diamond suspension & Diamond Lubricant  |
|   |   | 500 ml, bottle with sprayer |
|   |   |   |
| **Diamond Lubricant** |
| **DIAPAT** | **39-502** | Diamond Lubricant, Water-based, 1.0 lt, bottle |
|   |   |   |
| **Alumina Suspensions** |
| **ALU-MIK** | **39-200** | Alumina Suspension 0.05 Mic. 1.0 lt, bottle |
| **ALU-MIK** | **39-210** | Alumina Suspension 0.3 Mic. 1.0 lt, bottle |
| **ALU-MIK** | **39-220** | Alumina Suspension 1.0  Mic. 1.0 lt, bottle |
|   |   |   |
| **Alumina Powder** |
| **ALU-MIK** | **39-100** | Alumina Powder 0.05 Mic. 500gr. |
| **ALU-MIK** | **39-110** | Alumina Powder 0.3 Mic. 500gr. |
| **ALU-MIK** | **39-120** | Alumina Powder 1.0 Mic. 500gr. |
|   |   |   |
| **Colloidal Silica** |
| **COL-K(NC)** | **39-600** | Colloidal Silica (1 lt), bottle |

**Features**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |   |  |   |  |
| Suitable for Ø200/Ø250/ Ø300 mm Wheels |   | Modular Configuration |   | Powerful Base Motor |
|   |   |   |   |   |
|  |   |  |   |  |
| Heavy Robust Construction to Eliminate Vibrations |   | Automatic Disc Cleaning and Drying Feature |   | Smart Water Saving Feature |