

Fliese Dressers

Fliese dressers are the most versatile and cost effective type of stationary multipoint dressing tools available for modern high productive dressing. Fliese dressers comprise of a thin layer of high quality diamonds, in different forms depending on the usage and application, set in a matrix. Fliese or Blade Tools can give 4-10 times higher feed rates of dressing compared to Single Point Dressers and 5-20 times life. The manufacturing process and technology of Fliese dressers ensure that consistent finish could be obtained at very low wear rates of the diamond. Fliese dressers combine the productivity aspects of Nibs, Igel tools and precision dressing capabilities of single point and Chisel dressers to offer unmatched versatility.

Plants for Fliese dressers

Fliese dressers are made in world class Saint-Gobain facilities in Europe. These dressers are backed by pre and after sales service expertise in India from Grindwell Norton who has an extensive network of branch offices aided by technical support from Bangalore in India.



TYPICAL APPLICATIONS

- Cost effective option for Cylindrical grinding and angle head grinding where the precise controls and consistencies are required on finish and raddi

Rotary Dressers

In addition to Stationary Dressers, Grindwell Norton also offers the full range of Rotary Dressers. Rotary Dressers are generally custom built to specific customer applications and machines.



TYPICAL APPLICATIONS

► Automotive

- Crankshafts
- Camshafts
- Piston rings
- Oil seals
- Rocker arm guides
- Valves
- Valve needles
- Water pumps
- Expansion bolts
- Gear shafts
- Pinion gears
- Gears
- Spined shafts
- Clutch bearings
- Clutch release rings
- Synchronesh rings
- Oil pump worm wheels
- Universal joints
- Bearing outer races
- Cross pins
- Ball joint journals
- Ball screws
- Servo steering pistons
- Toothed racks
- Stub axles
- Propeller shafts
- Propeller journals
- Ball races
- Ball cages
- Threads

► Turbine

- Rotor shafts
- Guide valves
- Rotor blades

► Bearings

- Inner and outer rings
- Spherical races
- Cylindrical races
- Tapered races
- Crowned races

► Tools

- Screw taps
- Thread rolling dies
- Collet chucks
- Drill bushes
- Broaches
- Clamping jaws
- Quick change holders

► Hydraulics

- Piston Rods
- Piston Valves
- Rotary Pistons