



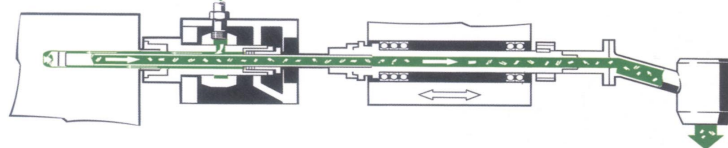
PERFECT JET

BGD- 500

DEEP HOLE DRILLING MACHINE



BTA-drilling methods (DH TYPE)



Combit[∞]tech

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specifications

| Item | BGD - 500 | BGD - 800 |
|---|-----------------------|--------------|
| Table | | |
| Table size (mm) | 400 x 930 | 440 x 930 |
| Movement & ranges (X x Y x Z) (mm) | 850 x 300 | 850 x 300 |
| T-slots (Width x No x Pitch) (mm) | 16 x 114 x 3 | 16 x 114 x 3 |
| Main Spindle | | |
| Spindle travel (mm) | 500 | 800 |
| Spindle feed speed (mm / min) | 20 - 5000 | |
| Spindle diameter (mm) | Φ 120 | |
| Spindle range (rpm) | 500 - 10000 | |
| Spindle nose to table (mm) | 70 | |
| Motors | | |
| Main spindle AC motor (kw) | 3.75 | |
| Table longitudinal feed AC servo motor (NM) X-axis | 7.2 | |
| Adapter rise & down AC servo motor (NM) Y-axis | 7.2 | |
| Tailstock rise & down AC servo motor (NM) V-axis | 3.7 | |
| Drilling feed AC servo motor (NM) Z-axis | 3.7 | |
| Magnetic separator AC motor (W) | 25W | |
| Paper filter AC motor (W) | 25W | |
| Chip conveyor AC motor (kW) | 0.375 | |
| Hyd. oil pump AC motor (k W) | 5.7 | |
| Lubricating oil feed AC motor (W) | 75 | |
| Working Capacity | | |
| Working depth (mm) | 500 | 800 |
| Drilling capacity | Φ4 – Φ 25(Φ32) | |
| Z-axis drilling feed (mm / min) | 20 - 5000 | |
| Table longitudinal & adapter rise and down mm / min (X,Y axis) (mm) | 10000 | |
| Hydraulic system | | |
| Coolant oil tank (L) | 600(1200)(optional) | |
| High pressure pump (kg / cm ²) | 0 -120 | |
| High pressure pump rate (L / min) | 5 -70 | |
| Max load (kg) | 500 | 500 |
| Net weight (kg) | 6600 | 8000 |
| Occupied floor space (mm) | 4000 x 1600 | 4000 x 1600 |
| Heidenhain TNC360 controller Fanuc O series | | |

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