

# INVT GD35 Close Loop Vector Control

## AC Variable Speed Drive

- The Goodrive35 series is manufactured by INVT, and is a special spindle-positioning frequency inverter, which is more accurate and powerful closed-loop vector frequency inverter. It can control various motors including high-speed motor, electric spindle, variable frequency motor and AC servo motor.
- There is a motor parameter auto-turning capability, which can attain self-tuned of rotational and static motor parameters. It has a position control performance, which is appropriate for machinery positioning requisitions. It also has a torque and speed control performance that guarantees the motor to work stably and replies rapidly with small torque pulse.
- The unit complies with the directives of TÜV SÜD standards, which also has a user-friendly interface and system supporting wiring plan.

### Features

- Power Range: 1.5kW - 75kW
- Input Voltage Range: **400V ±15%**
- High performance
- Variable speed motor control
- Built in braking unit up to 30kW
- Closed-loop vector control - **0Hz = 200% Starting torque**
- High accuracy position control
- Powerful motor torque, speed and position control
- Compatible with multiple motors - Spindle ; Servo ; Variable freq motor ; Synchronous & standard Asynchronous motors.
- PG Card built in - Encoder card.
- PC Software compatible

### Typical Applications

- CNC Machine - Lathe
- Machine Tools - High speed spindle
- Servo motors
- Hoist - Elevator - Crane
- Wire extrusion & winding
- Metal & Woodworking Machinery
- Printing
- Paper & Pulp
- Pumps & fans
- Fabrics Machines
- Variable speed motor control
- Energy saving

