

Machine Name : Turn-milling machining Center

Brand : DMG

Machine Model : CTX Gamma 1250TC

Stock No. : 86151

Ex-factory Date : second-string



Main Technical Parameters:

Running time: 8625h, use time: 8624h

3 axes maximum travel: 800*420*1300mm

With C axis 0.001°

Worktable size: 1250*700mm

Maximum workpiece diameter: 700mm

Maximum workpiece length: 1250mm

Maximum turning diameter : 700mm

spindle (standard) : ISM 102

Maximum turning diameter (disc or chain tools magazine) : 630/700 mm

Distance from spindle to tailstock (without chuck) : 1177.5mm

Maximum workpiece length with tailstock (can be tailstock length) : 1160mm

Distance from spindle to Subspindle (without chuck) : 1510mm

The maximum workpiece length of the Subspindle (can be spindle length) mm 1,300

Electrical spindle (ISM) with C-axis (0.001°) : 5000rpm

Drive power/torque (40% DC) : 45/770kW/Nm

spindle bearing - front bearing diameter: 160 mm

Tube drawing - Internal diameter: 104 mm

center rest holding range: 35-304mm

spindle head (flat flange)/ Max chuck diameter: 220h5/400mm

Secondary spindle: ISM 76

Electric Spindle speed (ISM), with C-axis (0.001°) : 5000rpm

Drive power: 34 kW

Torque (40% DC) : 380Nm

spindle bearing - front bearing diameter: 130mm

Tube drawing - Internal diameter: 67mm

spindle head (flat flange)/ Max chuck diameter: 170 h5/315mm

Spindle speed: 12000rpm

Drive power: 36kW

Torque (40% DC): 220Nm

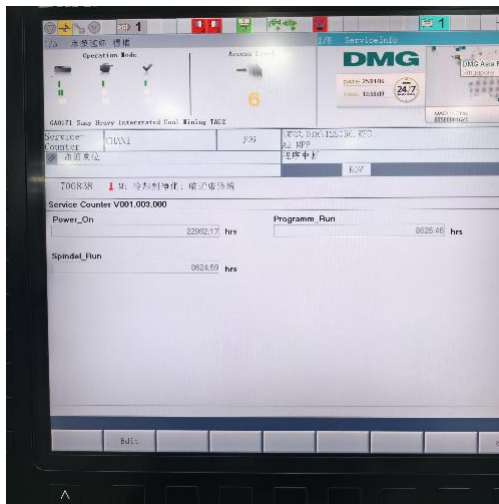
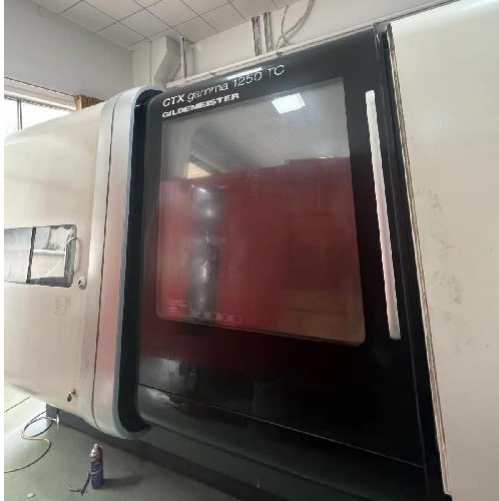
B axis swing range: ± 120

B axis Fast moving rate: 100 rpm

lower turret 12xVDI 40 with TRIFIX

Number of power Tools: 12

Power tools maximum speed: 4000rpm



内高主轴驱动，扭矩达4,000 Nm，更耐用性能

标配ISM 102主轴，转速4,000 rpm，功率45 kW和扭矩770 Nm

ISM 102主轴的材料切除速度达1.584 cm³ / min (CK45)

带C轴 (0.001°)



恒达220 Nm的超紧凑车/铣主轴满足复杂车削和铣削加工要求

车/铣主轴compactMASTER，转速12,000 rpm，功率36 kW和扭矩220 Nm高速版转速20,000 rpm

Y轴行程420 mm，更高灵活性

自动换刀，标配36位盘式刀库，选配多达180位链式刀库

配第二刀架确保高生产力车/铣复合加工

VDI 40刀塔，转速4,000 rpm，扭矩28 Nm和功率10 kW或VDI 40直驱刀塔，转速10,000 rpm，扭矩2 Nm和功率14.2 kW

*刀具装夹时间< 30秒和重复精度< 6 μm

标配TRIFIX®高精度快换接口*

易于使用的刀塔中心架及刀塔顶尖并配技术循环 (选配)

精度

内高主轴驱动，扭矩达4,000 Nm，更高切削性能

- 功率700 kW以上，扭矩4,000 Nm，功率45 kW和扭矩770 Nm
- ISM 102主轴材料切除速度达1.584 cm³ / min (CK45)
- 带C轴 (0.001°)



扭矩达220 Nm的超紧凑车/铣主轴满足复杂车削和铣削加工要求

- 车/铣主轴compactMASTER，转速12,000 rpm，功率36 kW和扭矩220 Nm高速版转速20,000 rpm
- Y轴行程420 mm，更高灵活性
- 自动换刀，标配36位盘式刀库，选配多达180位链式刀库

选配第二刀架确保高生产力车/铣复合加工

- VDI 40刀塔，转速4,000 rpm，扭矩28 Nm和功率10 kW或VDI 40直驱刀塔，转速10,000 rpm，扭矩2 Nm和功率14.2 kW
- 刀具装夹时间< 30秒和重复精度< 6 μm
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- 易于使用的刀塔中心架及刀塔顶尖并配技术循环 (选配)



精度

易于使用的刀塔中心架及刀塔顶尖并配技术循环 (选配)

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- ISM 102主轴材料切除速度达1.584 cm³ / min (CK45)
- 带C轴 (0.001°)