

Machine Name : 5 Axis Machining Center

Brand : HAAS

Machine Model : UMC-750

Stock No. : 4812617

Ex-factory Date : 2021



Main Technical Parameters:

Three-axis travel:** 762 × 508 × 508 mm

Distance from spindle nose to worktable:

Maximum: 610 mm

Minimum: 102 mm

Spindle parameters:

Spindle power: 22.4 kW

Maximum spindle speed: 8100 rpm

Maximum torque: 122 Nm (at 2000 rpm)

Drive system: Direct-drive spindle

Bearing lubrication: Oil-air lubrication

Cooling method: Liquid-cooled spindle

B-axis (tilting axis):

Travel: 120° to -35°

Maximum speed: 50°/sec

Continuous torque: 3037 Nm

Brake torque: 2712 Nm

C-axis (rotary axis):

Travel: 360°

Maximum speed: 50°/sec

Continuous torque: 2514 Nm

Brake torque: 1220 Nm

Worktable parameters:

Worktable diameter: 500 mm

Maximum workpiece swing diameter: 686 mm

Maximum worktable load: 300 kg

Maximum load with pallet pool: 90.7 kg

T-slot width: 15.90–16.00 mm

Number of standard T-slots: 7

T-slot center distance: 63 mm



