

CNC TURNING CENTER

FORTUNE PACIFIC TL4G238

Fortune Pacific horizontal turning-milling center for shafts and fittings that mix turning with live-tool features. Decide by swing, length and the job on the drawing.

Specifications

Verified against manufacturer engineering data.

Travel Xz	280/800 mm
Ballscrew X	Φ32/8 mm
Ballscrew Z	Φ40/10 mm
Turret Type	25x25 mm
Max Slotting	Φ16x12x40 mm
Total power	35 kVA
Machine weight	4100 kg
Axis travel (X/Y/Z)	280/800 mm
Hydraulic Chuck	Solid 10" / Hollow 10" / Solid (hollow) 12" inch
Live Tool Speed	4000 mm
Turret Stations	12(BMT55)
Max Bar Capacity	Φ74 mm
Milling capacity	Φ16x12x40 mm
Rapid Feed Speed	24/30 m/min
Tapping capacity	M10x1.5/M24x1 mm
Axis Motor Torque	11/11 N.m
Drilling capacity	Φ14x0.16 mm
Max. spindle speed	3500 rpm
Spindle Nose Type	A2-8 ISO
Max Swing Over Bed	Φ400 mm
Max Turning Length	700 mm
Turning Tool Shank	25x25 mm
Height From Spindle	1050 mm
Spindle motor power	15/18.5 kW
Rapid travel (X/Y/Z)	24/30 m/min
Spindle Bore Diameter	Φ86 mm
Tailstock Quill Taper	MT5 live center Morse
Boring Tool Holder Dia	Φ40 mm
Mill Spindle Max Speed	4000 rpm

Tailstock Quill Travel	100 mm
Max Swing Over Carriage	Φ480 mm
Tailstock Quill Diameter	Φ100 mm

- Represented & vetted by FORTUNE PACIFIC — specifications verified against manufacturer engineering data; single point of accountability.

Engineering that holds tolerance

The design decisions behind the numbers.

Quality, measured — not assumed

- Cast-iron bed sized for interrupted cuts on mid-duty shafts.
- 12-station BMT55 live turret for turning plus radial milling in one clamp.
- Programmable tailstock with MT5 live center.

Where it earns its keep

Representative parts from the box-way VMC platform.

Industry	Part	Material	Strength
Automotive drivetrain	Transmission shafts / clutch hubs	Alloy steel / case-hardened blanks	Live-tool OD/ID turning + radial milling on one setup
Construction machinery	Pins, bushings, heavy shafts	Medium-carbon / forged steel	Φ400-class turning envelope with BMT live tooling for flats, keys, and support surfaces
Energy & fluid power	Valve bodies / flange fittings	Stainless / ductile iron	When the print mixes turning and light milling, a single length is sized for multiple shafts with
General precision job shop	Short-run shafts with secondary features	Mixed lots	Journal turning accuracy with optional milling of drive features in the same fixture.
Agricultural equipment	PTO shafts / gearbox stubs	Forged steel	
Pump & compressor	Rotors / bearing journals	Alloy steel	

Configuration

Standard scope and factory options.

Standard configuration

- Hydraulic chuck (solid / hollow options)
- Live-tool turret with milling, drilling and tapping capacity listed above
- Programmable tailstock with live-center taper
- Chip conveyor options quoted with the machine

Optional configuration

- Control package as quoted
- Bar feeder / automation interface — confirm against blank length and bore
- Additional live-tool holders sized to the BMT55 family

Request TL4G238 — pricing, lead time & configuration

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