

Okuma 2SP-2500H

is a high-performance, 2-spindle horizontal CNC lathe specifically designed for mass production. When integrated with the **Okuma Gantry Loader (OGL)**, it achieves exceptionally fast part load/unload times of approximately 4 seconds.

Machine Specifications

- **Max Turning Diameter:** 410 mm (16.14 in).
- **Max Turning Length:** 200 mm (7.87 in).
- **Spindle Speed:** 45 to 5,000 min⁻¹.
- **Spindle Nose Type:** JIS A2-6.
- **Spindle Motor:** 15/11 kW (20/15 hp) for 20 min/continuous rating.
- **Turret:** V12 + V12 (12 tools per turret).
- **Rapid Traverse (X/Z):** 25 m/min (82 fpm).

Loader (OGL) Specifications

- **Transportable Part Size (4kg spec):** ø200 × 125 mm (ø7.87 × 4.92 in).
- **Transportable Part Size (8kg spec):** ø250 × 80 mm (ø9.84 × 3.15 in).
- **Transportable Weight:** Choice of 4 kg × 2 pieces or 8 kg × 2 pieces.
- **X-axis Travel:** 2,838 mm (111.73 in) with work tables on both sides.
- **Y-axis Travel:** 750 mm (29.53 in).
- **Loader Rapid Traverse:** X: 180 m/min, Y: 110 m/min, Z: 48 m/min.

Dimensions and Footprint

- **Machine Width:** 2,200 mm (86.61 in).
- **Machine Depth:** 2,734 mm (107.64 in), including the tank.
- **Machine Height:** 3,259 mm (128.31 in) at maximum loader height.
- **Machine Weight:** Approximately 8,000 kg (17,600 lb) with the loader included.