6-Station 8-Axis Rotary Transfer Machine for Ball Valve Bodies

This rotary transfer machine is designed for machining ball valve bodies, utilizing 6 stations and 8 axes for complex operations in a single setup. It clamps and molds the workpiece at one time, which greatly simplifies the processing steps and improves geometric tolerances.

Product Overview

A 6-station rotary transfer machine optimized for high-volume ball valve component manufacturing.

High-Efficiency Rotary Machining

This 6-station 8-axis rotary transfer machine is designed to streamline the production of ball valve bodies by performing complex operations in a single clamping cycle. By eliminating repeated positioning, it significantly improves concentricity and geometric tolerances while dramatically shortening processing times. Built for industrial longevity with a service life exceeding 10 years, it features a fully programmable servo configuration and modular design to support automated production environments.

Performance Metrics

Processing Capability

6 seconds/pcs	29 kW	20 hours
Processing Time	Equipment Power	Daily Operation Capacity

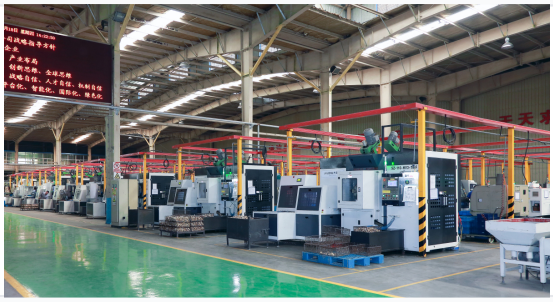
Technical Specifications

Physical Dimensions & Weight

Metric	Value
Length	3500 mm
Width	2800 mm
Height	2600 mm
Weight	7200 kg

Control Systems Supported	Schneider, Mitsubishi, Siemens

Operational Features



The machine features a robust, modular design capable of 20+ hours of daily operation.

Core Workflow Advantages

- Single-clamping molded processing
- Full servo configuration
- Programmable process optimization
- Automatic chip removal system
- Supports integration with robot loading/unloading systems

Feeding Mode	Manual / Automatic feeding system