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## INTRODUCTION

### Company Introduction

The Idler manufacturer is in the production of rollers from 1996 and now occupies the No.1 position for roller export in China. The manufacturing process standard is according to DIN, JIS and GB-10595-89 standards. The quality control system used is ISO9001:2000.

### Roller Process Description

The manufacture equipment were imported from Japan in 1996, including roller welding-assembly-inspection line; bearing housing punching line; roller shaft, bearing housing and pipe manufacture line; painting and drying line.

This set of manufacturing equipment is the most advanced in the world, with high level automatic control, fine manufacture tolerance, consistent quality. It is a highly unique and totally automatic production line for rollers in China.

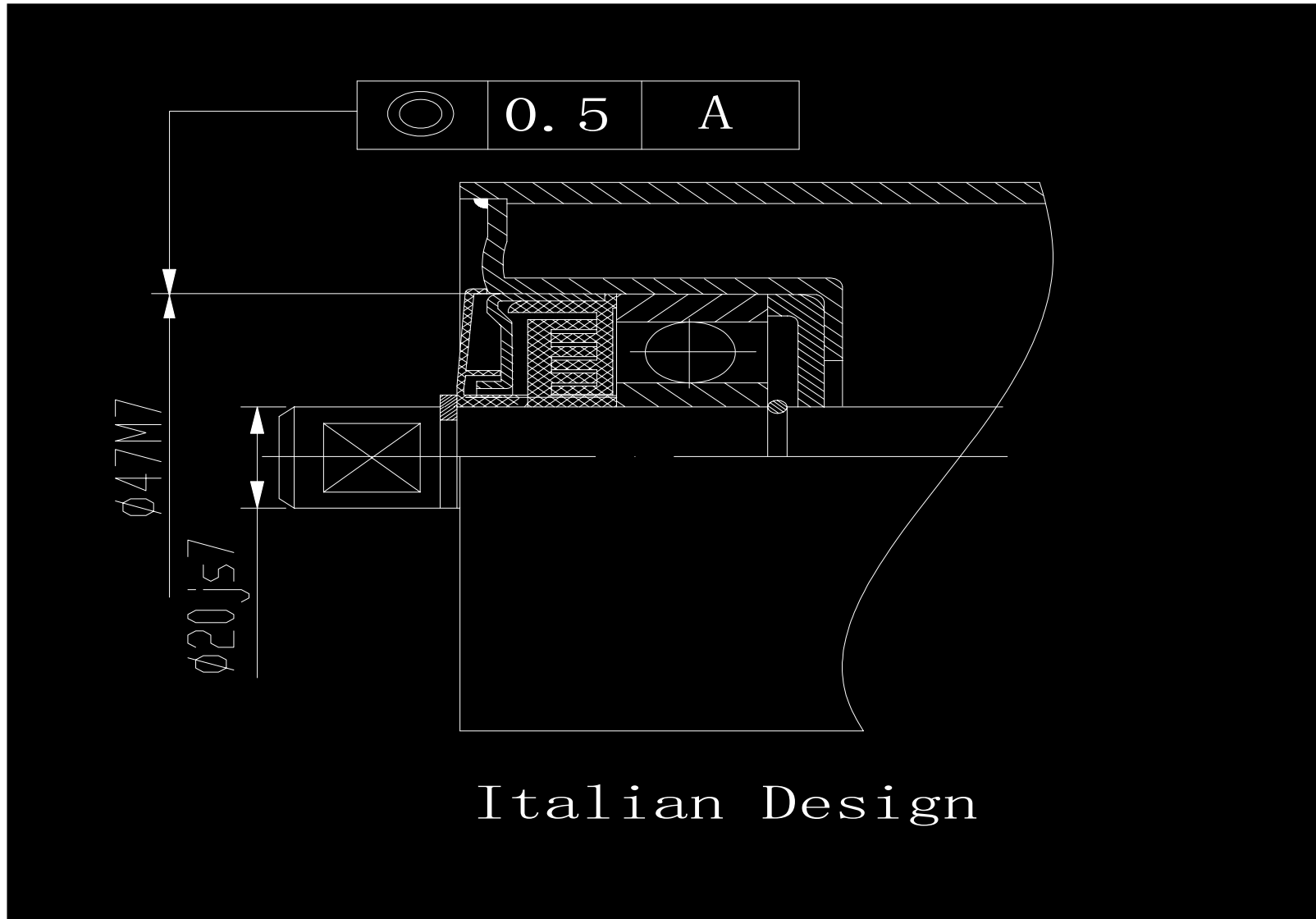
During assembly, the machine in “one go” will clamp the parts. They’ll then proceed to multi-machining to avoid accumulative tolerances due to the parts being located and clamped repetitively.

After assembly, the system will check the rotary deviation. The reject parts will be sent to reject-parts area. The good parts will be transferred to the painting line and quality is controlled by sampling inspection.

**“HIGH-END JAPANESE TECHNOLOGY COUPLED WITH COMPETITIVE CHINESE MANUFACTURING” RESULTS IN HIGH QUALITY ROLLERS WITH REASONABLE PRICES.**



# BEARING SEAL DESIGN



Italian Labyrinth Seal - suitable for highly dusty condition



## PRODUCT RANGE

Outer Dia, mm	Wall thickness, mm	Tolerance (mm)		Roller Length
		Outer Dia.	Wall Thickness	(mm)
76.0	3.2	±0.30	±0.24	190 to 3400 ±1.0mm
	4.0		±0.34	
89.0	3.2	±0.40	±0.24	
	4.0		±0.34	
108.0	3.5	±0.40	±0.24	
	4.0		±0.34	
127.0	4.0	±0.60	±0.34	
	4.5		±0.38	
133.0	4.0	±0.60	±0.34	
	4.5		±0.38	
139.8	4.0	±0.60	±0.34	
	4.5		±0.38	
159.0	4.5	±0.60	±0.34	
	5.0		±0.38	
	6.0		±0.45	
177.8	5.0	±0.60	±0.38	
	6.0		±0.45	
194.0	5.0	±0.80	±0.38	
	6.0		±0.45	
219.0	5.0	±0.80	±0.38	
	6.0		±0.45	



## PICTURES OF ROLLERS



Carrier Rollers with Brackets



Rollers with Plastic Packaging



Return Rollers with Buffer Rings



Self-tracking Carrier Rollers



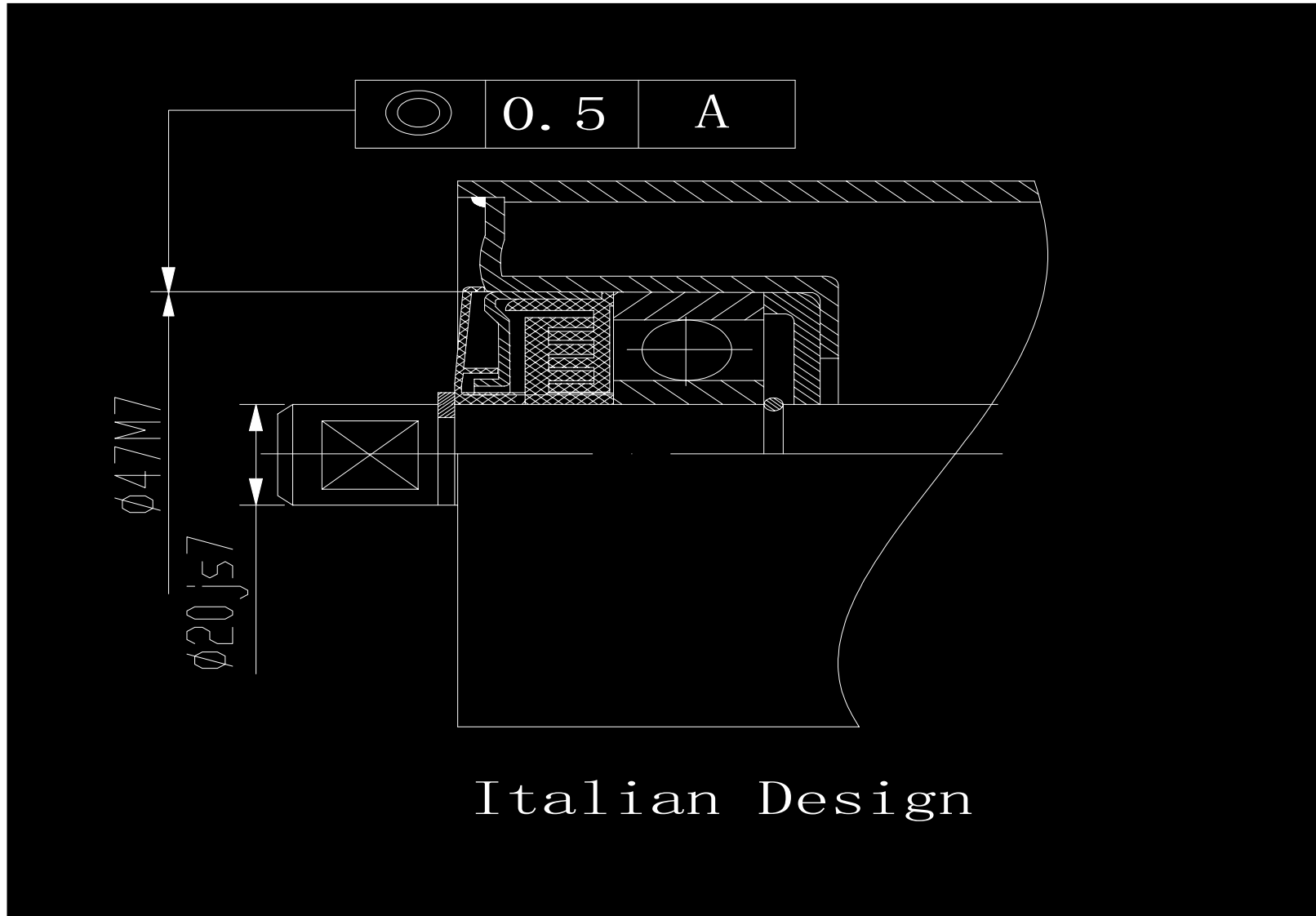
Self-tracking Return Rollers



Cut-sample showing bearing housing



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