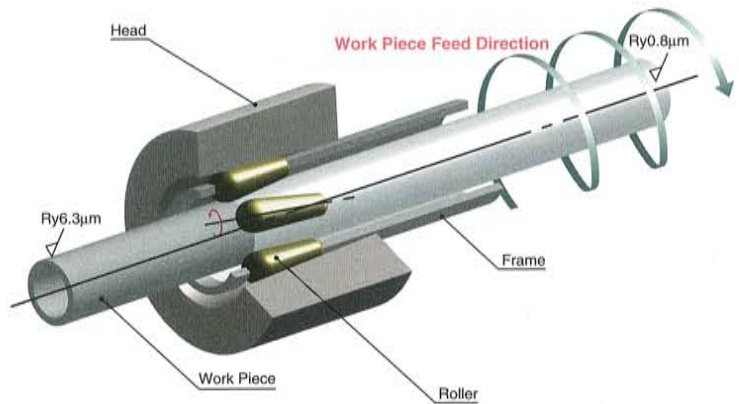


Concept

The work piece feeds through the Superroll head which has a series of rollers set at specified angles to process the OD of a work piece.

The Superroll Mugen requires no special material handling systems.



Example of Processing



- Guide Shaft (Printer)
- Photosensitive Drum (Copier)
- Guide Roller (VCR)
- Piston Rod (Hydraulic Cylinder)
- Brake Piston (Automotive)
- Shaft (Electric Motor)

(Machining Parameters)

Work Piece		Photosensitive Drum (Copier)					
Material		A6063					
Processing Diameter		Inch	$\phi 1 \pm 0.01 \times 10.236L$	mm	$\phi 25.4 \pm 0.02 \times 260L$		
Surface Roughness		Ry μ Inch	Before	118.12	Ry μ m	Before	3.0
			After	15.75	After	0.4	
Cycle Time		Sec.	6				

(Surface Finish Comparison)

