



Unify thread rolling

UM-12 Cam type thread rolling machine

Work piece diameter	φ 2 - φ 12	
Axial pitch for ISO threads(mm)	0.4P ~ 1.75P	
Length of thread rolling (mm)	固定	
Spindle speed	18 ~ 45 r.p.m <variable speed>	
thread rolling die (mm)	Diameter	φ 100 (max)
	Bore	φ 50.5
	Length	15, 30, 40
	Keyway	8*4
Distance of the rolling spindles (mm)	95 - 120mm	
Output(pices/min)	20 ~ 40	
Main power motor	3HP	
Net weight	385kg	
operationrequired space	1, 000mm x 700mm x 950mm	



UM-12 component parts

Material:

1. Machine base: High tension case iron FC-25~FC30 frame
2. Worm series: by heat treatment & thread grinding progress for SNCM21.
3. Worm gears: phosphoric bronze worm gears
4. Worm: thread grinding profile
5. by the concept of eccentric, the thread rolling dies can be forward and return

Bearings:

1. Ball bearings: NTN, NSK

Electrical parts:

1. Main power: 3Hp (Siemens)
2. Coolant: 1/8 (changiron)
3. Inverter: 3HP (Delta)

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Inverter



Control box



working table



Worm gear + Pitch adjust

