



Unify thread rolling machines &

UM-16 (Set Screw Rolling Machine) SPECIFICATION:

Work piece diameter (mm)	\$ 2 - \$ 8	
Axial pitch for ISO threads (mm)	0.4P ~ 2.0P	
Length of thread rolling	Thru feed	
Spindle speed	30 ~ 65 r.p.m	
Thread rolling die (mm)	Diameter	\$ 98
	Bore	\$ 50.5
	Length	15, 30, 40mm
	Keyway	8*4
Distance of thread spindles (mm)	120-90mm	
output <pcs/min>	8~30	
swivelling angle	+/-6°	
Main power motor	3HP	
Operation required space	700 * 1170 * 1000mm	
Net weight	600 kg	



Component parts

Material:

1. Machine base: High tension case iron FC-25 ~ FC-30 frame
2. Worm series : by heat treatment & thread grinding progress for SNCM-21 tool steel.
3. Worm gear : phosphoric brone worm gear
4. Worm shaft :
5. Stroke shaft: the precision thread grinding threads

Bearings:

1. Ball bearings : NTN, NSK (Japan)
2. Roller bearings : NTN (Japan) , URB (Romania)
3. Needle bearings : IKO (日本)
4. Universal joints : Cross head bearings -KOYO (Japan)

Electrial parts:

1. Main motor : 3HP (Siemens-German or Teco-Taiwan)
2. Inverter: 3HP (Delta-Taiwan)
- (main shaft)

3. Accessproes :

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優廉 滾牙機 · 滾牙輪 UNIFY Thread rolling

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UM-16 set screw thread rolling machine

thread rolling area

Universal joints



Right side



Control box

