

UNIFY Thread rolling

UM-30 Hydraulic thru feed type thread rolling machine

Work piece diameter (mm)	Φ5~30	
Axial pitch for ISO threads (mm)	0.8P ~ 3.5P	
Length of thread rolling	Plunge rolling (in feed): 70 Thru feed: no limited	
Spindle speed	30 ~ 65 r.p.m (variable speed)	
Thread rolling die(mm)	Diameter	Φ148
	Bore	Φ54
	Length	35, 70mm
	Keyway	10 * 5
Distance of thread spindles (mm)	185-142mm	
output <pcs/min>	4 ~ 20	
swivelling angle	+/-7°	
Main power motor	5HP	
Hydraulic motor	3HP	
Max rolling pressure	17 TONS	
Net weight	1220 kgs	
Gross weight	1220 kgs	
Overall dimensions	1800 * 1800 * 1600mm	
Shipping measurment	1700 * 1270 * 1500mm	



UM-30 Component Parts

Material:

1. Machine base: High tension case iron FC-25 ~ FC-30 frame
2. Worm series : SNCM-21 tool steel with normalizing & carburizing progress.
3. Worm gears : phosphoric brone worm gear
4. Worm shafts : SNCM-21 tool steel with normalizing & carburizing progress. (Grinding threads)

Bearings:

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

Electrial parts:

1. Main motor : 5HP (Siemens or Teco)
2. Inverter: 5HP (Delta)
3. Hydraulic motor : 3HP (Jia Cheng)
4. Hydraulic pump : YuYa
5. Accessproes : Relay controlled system
6. Solenoid control valve : Yuken



優廉 滾牙機 · 滾牙輪 UNIFY Thread rolling

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