



Since 1972

UNIFY Thread rolling

UM-75 (75A) Hydraulic thru feed thread rolling machine:

Work piece diameter (mm)	Φ10 - 75	
Axial pitch for ISO threads (mm)	1.0P ~ 10.0P	
Length of thread rolling(mm)	Plunge rolling(In feed): 148 (75A: 200) Thru feed: no limited	
Spindle speed	20 ~ 50 r.p.m (variable speeds)	
Thread rolling die (mm)	Diameter	Φ200 (75A=Φ250) Max.
	Bore	Φ70 (75A=Φ85)
	Length	35, 70, 100, 150 (75A=70,100,150,200)
	Keyway	14*7 (75A=18*9)
Distance of thread spindles (mm)	275-195mm	
output <pcs/min>	4~20	
swivelling angle	+/-6°	
Main power motor	25HP (75A= 30HP)	
Hydraulic motor	7 1/2HP (75A=10HP)	
Max rolling pressure	60 TONS	
Net weight	4700 kgs	
Gross weight	5200 kgs	
Overall dimensions	2600 x 2400 x 2400mm	
Shipping measurment	2520 x 2240 x 2230mm	



UM-75 component parts

Materials:

1. Machine base: Steel plates from CSC Upper part: 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

Electrical parts:

1. Main motor : 25HP (Siemens, or Teco)
2. Inverter: 25HP (Delta)
3. Hydraulic motor : 7 1/2HP (Teco)
4. Hydraulic pump : Daikin
5. Accessories : PLC & HMI system
6. Solenoid control valves : Yuken



優廉 滾牙機，滾牙輪 UNIFY Thread rolling

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UM-75 THREAD ROLLING MACHINE

CONTROL PANEL (HMI SYSTEM)



THE RARE PART

