



Unify thread rolling machines & dies

UM-40 (UM-40A) Hydraulic thru feed thread rolling machine

Work piece diameter (mm)		ø6 -ø40
Axial Pitch for ISO threads (mm)		0.8-4.0mm
Length of thread rolling (mm)		In feed (Plunge) : 148mm
		Thru feed: no limited
Spindle speed		30, 45, 55
Thread rolling die	Diameter	ø150 (40A = 180ø)
	Bore	ø54
	Length	35, 70, 100, 150mm
	Keyway	10*5
max. & min. distance of die-spindles		200-125mm
output <pcs/min>		4 ~ 20
swivelling angle		+/-4°
machine motor		10 HP 7.5Kw
hydraulic motor		5HP 3.7 Kw
max rolling pressure		27 TON
net weight		2300kg
overall dimensions		1600 * 2100 * 2000mm



UM-40 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

Electrical parts:

1. Main motor : 10 HP (Siemens or Teco)
2. 3 speed transmission gear box
3. Hydraulic motor : 5HP (Teco)
4. Hydraulic pump : Daikin
5. Accessories : Relay controlled system
6. Solenoid control valve : Yuken

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