

UM-40 Hydraulic thru feed thread rolling machine

blank diameter rolled	φ6 ~ φ40
range of pitch rolled	0.8P ~ 4.0P
max. length of thread rolled	infeed & thru feed available
speeds of dies rotary	20, 35, 50, 70 r.p.m (4 speeds transmission gear box)
max diameter of dies	φ148
bore of dies	φ54
width of dies	35, 70, 100, 150mm
max. & min. distance of die-spindles	200-125mm
output <pcs/min>	4 ~ 20
swivelling angle	+/-4°
machine motor	7 1/2HP
hydraulic motor	5HP
max rolling pressure	27 TONS
net weight	2020 kgs
overall dimensions	1600 * 2100 * 2000mm



UM-40 component parts

Material:

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 : 7 1/2HP (Siemens or Teco)
2. Inverter: 7 1/2HP (Delta)
3. Hydraulic motor : 5HP (Teco)
4. Hydraulic pump : Daikin
5. Accessproes : Relay controlled system
6. Solenoid control valve : Yuken