

## UM-3D SPECIFICATION:

blank diameter rolled	φ9 - φ40
range of pitch rolled	0.5P ~ 2.5P
max. length of thread rolled	infeed & thru feed available
speeds of dies rotary	350 , 600 r.p.m
max diameter of dies	φ78
bore of dies	φ25.4 (φ35 option)
width of dies	20, 40mm
max. & min. distance of die-spindles	90-55mm
output <pcs/min>	4~25
swivelling angle	+/-3°
machine motor	2HP
hydraulic motor	2HP
max rolling pressure	6 TONS
net weight	540 kgs
overall dimensions	1300 * 1100 * 1500mm



## UM-3D 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: KYOWA

### Electrial parts:

1. Main motor : 2HP ( Siemensor or Teco )
3. Hydraulic motor : 2HP (Jia Cheng)
4. Hydraulic pump : Shimadzu
5. Accessproes : Relay controlled system
6. Solenoid control valve : Taicin