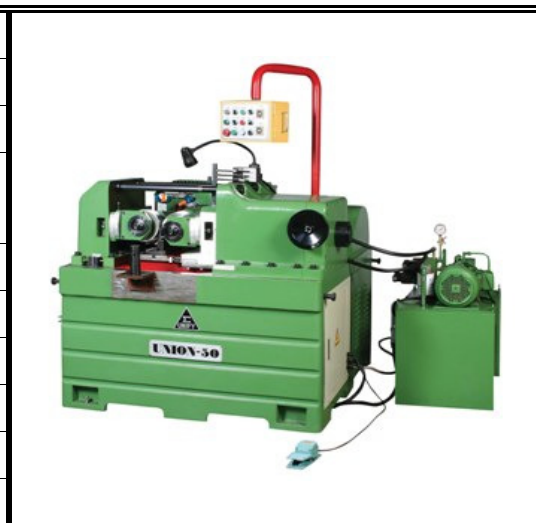


## UM-50 (50A) Hydraulic thru feed thread rolling machines:

screw diameter rolled	φ6 - φ50
range of pitch rolled	1.0P ~ 6.35P
max. length of thread rolled	infeed & thru feed available
speeds of dies rotary	25 ~ 55 r.p.m (variable speed shafts)
max diameter of dies	φ178 (50A = 200φ)
bore of dies	φ54 (50A = 70mm)
width of dies	35, 70, 100, 150mm
max. & min. distance of die-spindles	255-155mm
output <pcs/min>	4~20
swivelling angle	+/-7°
machine motor	15HP
hydraulic motor	5HP
max rolling pressure	40 TONS
net weight	3250 kgs
overall dimensions	1900 * 2300 * 2300mm



## UM-50 component parts

### Material:

1. the 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 : 15HP ( Siemens ,or Teco )
2. Inverter: 15HP (Delta)
3. Hydraulic motor : 5HP (Teco)
4. Hydraulic pump : Daikin
5. Accessories : Relay controlled system
6. Solenoid control valves : Yuken