Setting Delta VE with different ratio motor pulley and spindle pulley

Some customer wants to upgrade spindle with more power, they change the pulley of motor smaller (32 tooth). Atrump's machine, ratio of motor pulley and spindle pulley is 1:1 (pulleys: 48 tooth).

Changing pulley of motor is 32 tooth, and pulley of spindle is 48 tooth so ratio 1:1.5, and spindle maxima RPM is 4000 (6000/1.5=4000).

Centroid control: F1 [set up] → F3 [config] → 137 enter → F1 [control] change maxima high gear RPM is 4000.→ F10 [save].

Delta inverter VE

Set parameter **10-27** to **32** (pulley of motor 32T).
         10-28 to **48** (pulley of spindle 48T).

After that, doing Auto turn and set spindle orientation. If the spindle encoder mounts on the spindle motor, you could not do the spindle orientation. You have to move spindle encoder to the spindle with the pulley 1 to 1.