

TO: All VMS 80 NEUMANN LATHE OWNERS

FROM: Stephen F. Temmer

RE: Engineering Mods and Information

DATE: 22 April 1981

SHORT FORM CALIBRATION METHOD

We enclose a short form alignment method which I thought would be helpful to you. It was obtained by me at Neumann in Berlin while actually doing the alignment. You will especially note the drastic changes in pressing plant requirements in Europe as outlined at the bottom of that bulletin.

VACUUM PUMP VE 80 CHANGE

We enclose a new schematic 2 152591002.6 showing a reversal of the leads to one side of each of the membrane pumps. This provides significant reduction in the already quiet operation of this pump.

MINIMUM GROOVE DEPTH CONVERSION

May we call to your attention the Engineering Bulletin which we sent to you dated 25 February 1981. Perhaps you have not had a chance to study this, but we would urge you to do so. What this permits you to do is to set a rather wide quiescent groove width, while at the same time reducing the groove width during modulation by 0.2, 0.4 or 0.6 mils from this basic setting. We believe that this requirement is especially today of great importance, since record companies are on the rampage to reduce record returns for skipping reasons. We strongly urge you to consider this modification.

Encl: VE 80 new schematic  
Calibration Method ENG-2/p1