

ERECTION AND INSPECTION REPORT • MERGENTHALER LINOTYPE COMPANY

NOTE: All items in this report must be checked and found correct before turning machine over to customer. Any comments or complaints should be entered under "Remarks" on back of sheet.

Agency Strip to base ☐ Factory strip ☐ Date

Office City State

Model and Serial Number Equipment: HY-Q TB M.S. E.P. M.D. A.E.S. TTS

CHECK FOLLOWING ITEMS:

- ☐ 1. Distributor, proper height, position.
- ☐ 2. Alignment of channel entrance partitions with magazines.
- ☐ 3. Alignment of channel entrance lower plate with magazines.
- ☐ 4. Relation between distributor box rails and distributor bar.
- ☐ 5. Alignment of second elevator bar and distributor box bar.
- ☐ 6. Second elevator lever roll to clear cam in transfer position.
- ☐ 7. Proper setting of distributor box lift.
- ☐ 8. Proper setting between distributor box bar point and rails.
- ☐ 9. Distributor shifter clearance while passing through distributor box.
- ☐ 10. Distributor shifter banking for pushing last thin matrix against matrix lift.
- ☐ 11. Distributor Box Matrix Guard.
- ☐ 12. Distributor Screw Guard Lever.
- ☐ 13. Distributor clutch for releasing when entrance is opened, starting when entrance is closed and for throwing off when matrices clog entrance.
- ☐ 14. Distributor front screw lower to be oiled and run freely.
- ☐ 15. Font distinguisher adjustment.
- ☐ 16. Automatic bridge set properly.
- ☐ 17. Pl matrices to distribute properly.
- ☐ 18. Make certain all matrices, including the extra fonts, respond and distribute properly.
- ☐ 19. Proper alignment of magazines with stationary front guides, proper space and drop between magazines and stationary front guide holder.
- ☐ 20. Elevating Cannon, horizontal and vertical adjustment.
- ☐ 21. Proper positioning of stationary front guides to allow matrices to pass to assembler freely and without hesitation.
- ☐ 22. Pivoting front set properly with upper magazines and guides.
- ☐ 23. Oscillating front set properly with lower magazine and guides.
- ☐ 24. Make certain the oscillating front shifts freely and locks in both positions.
- ☐ 25. Alignment of tappets with escapement plungers, upper and lower.

- ☐ 26. Matrices to be free while assembling, tightly held upon raising elevator.
- ☐ 27. Alignment of assembling elevator to delivery channel regular, and on rail.
- ☐ 28. Alignment of first elevator slide to delivery channel.
- ☐ 29. Line delivery carriage for full return.
- ☐ 30. Release of line delivery carriage.
- ☐ 31. Line deliv. carriage banking screw.
- ☐ 32. "Waiting line" in delivery channel.
- ☐ 33. Release of line delivery pawl by line delivery carriage.
- ☐ 34. Proper height of first elevator slide with respect to mold and matrices.
- ☐ 35. Matrix alignment of mold and first elevator jaw.
- ☐ 36. Vise automatic stop rod.
- ☐ 37. Mold slide adjustment (.003" to .005" shake).
- ☐ 38. Lock up of mold and mouthpiece.
- ☐ 39. Mold Slide Safety to stop machine at first and second positions.
- ☐ 40. Proper alignment of mouthpiece holes with molds.
- ☐ 41. Make certain matrices and spacebands transfer properly.
- ☐ 42. Automatic line stop and mechanism.
- ☐ 43. Transfer slide cam pawl.
- ☐ 44. Assembler slide, brake and stop.
- ☐ 45. Spaceband release pawls and proper release of spacebands.
- ☐ 46. Proper pot and mouthpiece temp.
- ☐ 47. Slugs type high, point size parallel, margin at ends of slug.
- ☐ 48. Quality of slug.
- ☐ 49. Plunger for continuous downward travel (adjust if necessary).
- ☐ 50. Pot pump lever operating lever should clear about 1/4".
- ☐ 51. Pot pump safety (duplex display), adjust at point of compression.
- ☐ 52. Mold wipers for contact.
- ☐ 53. Knife wiper must clean trimmings from knives and clear ejector blades.
- ☐ 54. Ejector blades must coincide with ejector blade indicator scale. Clearance between ejector blades and constant side of mold (.002" to .007").

- ☐ 55. Galley and slug lever, slugs must stack properly.
- ☐ 56. Vise jaw adj. rod, to slide freely, coincide with indicator pointer.
- ☐ 57. All cam rollers to turn.
- ☐ 58. Main driving clutch.
- ☐ 59. Alignment of escapement levers to escapements.
- ☐ 60. Double "e" for single and alternating action.
- ☐ 61. Adjust counterbalancing spring drums for proper tension.
- ☐ 62. Check the electromotive safety system for proper operation.

Hydraquadder

- ☐ 1. L.H. and R.H. vise jaws not binding.
- ☐ 2. Manual Hydraquadder—As the first elevator rises after the cast, vise jaws should remain against the end matrices in the line under reduced pressure until the bottom of the matrices are 1/4" from being entirely removed from the contacting surfaces of the vise jaws.
- ☐ 2a. Electrically Controlled Hydraquadder—Make certain vise jaws do not move in before the first elevator seats on the vise cap or as the line is withdrawn from vise jaws.
- ☐ 3. Jaws must enter correctly.
- ☐ 4. L.H. vise jaw pot pump safety must function properly.
- ☐ 5. No margin variance between quadded and justified lines.
- ☐ 6. Proper mesh of pump pinion or proper belt tension (V-Belt Drive).
- ☐ 7. Justification lockout adjustment.
- ☐ 8. Squareness of vise jaw faces under pressure (shim if necessary).
- ☐ 9. Position of hoses and wiring for possible contact with moving parts of machine or attachments.
- ☐ 10. Check for fluid leakage.
- ☐ 11. Lubricate:
 Control valve operating levers
 Control valve cam follower lever roller
 Selector rack
 Centering pinion and shaft
 Selector handle operating shaft
 L.H. vise jaw banking screw

Customer's Signature _____

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Check customer stock for supplies that might be required.

Notify Owner, Foreman and Operator that this is the machine inspection.

Did you secure a supply or Matrix Order?

Did you secure a supply of Alaska Order?				Total Brought Forward			
Excursion Time (Regular Rate)	Charge	Hrs. @		Travel Expense—Incoming	Charge		
Excursion Time (Overtime)	Charge	Hrs. @		Travel Expense—Outgoing	Charge		
Travel Time (Regular Rate)	Charge	Hrs. @		Hotel Expense	Charge		
Travel Time (Overtime)	Charge	Hrs. @		Incidental Expense	Charge		
Total Carried Forward				Total			

Remarks: