MAINTENANCE MANUAL

VERTICAL MACHINING CENTER

FNC 74-A

MAKINO MILLING MACHINE CO., LTD.

1596

SPINDLE HEAD

6FN 10B

(AC MOTOR)

CONTENTS

FEED MECHANISM

6FN 20A

CONTENTS

TOOL CHANGER

6FN 120A

CONTENTS

HYDRAULIC UNIT

1VN 130A

CONTENTS

SPINDLE TEMPERTAURE CONTROLLER

1VNE 3A

CONTENTS

DIAGNOSTIC

AND

ALARM

CONTENTS