MAINTENANCE MANUAL

MACHINING CENTER

MC 100

MAKINO MILLING MACHINE CO., LTD.

MC100 (2M)

SPINDLE HEAD UNIT

TAPER SHANK

11A

CONTENTS

MC100 (2M)

FEED AXIS UNIT

FANUC SYSTEM 7M

21A

CONTENTS

MC 100

SIDE MAGAZINE ATC UNIT

2MM 61B

No. M372-83

CONTENTS

MC100 (2M)

HYDRAULIC - PNEUMATIC - LUBRICATING UNIT

HYDRAULIC UNIT

PNEUMATIC UNIT

LUBRICATING UNIT

70A

CONTENTS

Page

MC100 (2M)

SPINDLE TEMPERATURE CONTROL UNIT

OILMATIC KTC-15N-E

81A

CONTENTS

MC100 (1M)

PALLET MAGAZINE UNIT

130A

CONTENTS

* * * * * * *

MC100 (1M)

AUTOMATIC SPLASH GUARD UNIT

171A

CONTENTS