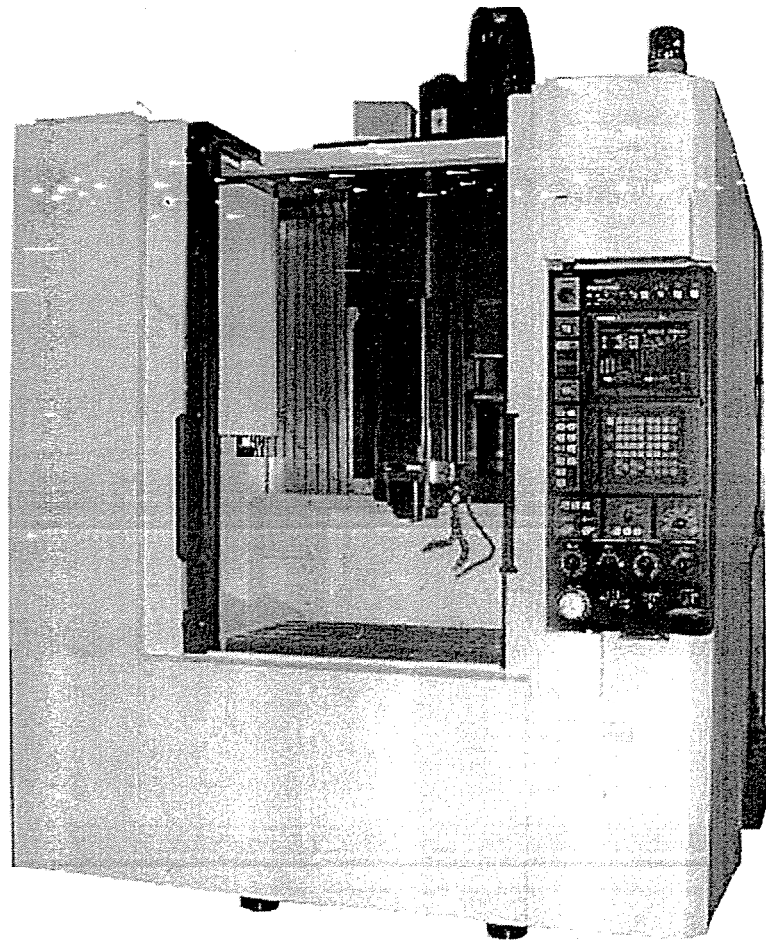


MAKINO

PARTS MANUAL
(V0718I-P6E-XB)



S SERIES OPTION 1

S SERIES

PARTS MANUAL

OPTION

**SPINDLE 12K STD
JIS/DIN/V-CAT**

5VS010B-04

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 12K TSA
JIS/DIN/V-CAT**

5VS010B-05

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 12K TSC
JIS/DIN/V-CAT
WITH TSC 1.0 Mpa**

5VS010B-02

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 12K TSC
JIS/DIN/V-CAT
WITH TSC 2.5 Mpa**

5VS010B-02

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 20K TSA
BT 40**

5VS012B-01

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 20K TSA
HSK**

5VS012B-02

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 20K TSC
HSK
WITH TSC 1.0 MPA**

5VS012B-03

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**SPINDLE 20K TSC
HSK
WITH TSC 2.5 MPA**

5VS012B-03

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**CHIP CONVEYOR
LEFT SCRAPER DRUM**

5VS074B-06

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**CHIP CONVEYOR
LEFT MAGNETIC**

5VS074B-08

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**COOLANT GUN OUTSIDE
STD-L-APC**

5VS077B-02

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**S/G INTERLOCK
S33 / S56**

5VS100B-03

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**S/G INTERLOCK
W LOCK S33 S56**

5VS100B-04

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**ATC SHUTTER
APC**

5VS101B-19

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**ATC SHUTTER
S56**

5VS102B-05

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**LIFTING FIXTURE
S33 STD**

5VS150B-01

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**LIFTING FIXTURE
S56**

5VS150B-02

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**LIFTING FIXTURE
S33 APC**

5VS150B-03

(REV : 000)



S SERIES

PARTS MANUAL

OPTION

**LIFTING FIXTURE
S33 5XA**

5VS150B-07

(REV : 000)

